

Section 5: Career and Technical Education (CTE)
Career Path, Program and Course Listings for 2018-2019

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Please note the following for courses marked with an “^”: For reporting this course for funding, use cost reporting code 102 for middle school and code 103 for high school; this course should not be reported with cost reporting code 300.

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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AGRICULTURE, FOOD & NATURAL RESOURCES CAREER PATH

FOOD PRODUCTS & PROCESSING SYSTEMS CAREER PATH (AGPA)

8129200	FOOD SCIENCE APPS Food Science Applications	9-12,30,31 /			
8106810	AGRISCIENCE FOUND 1 Agriscience Foundations 1/Level 3	9-12,30,31 /Y	EQ	1.0	AGRICULTUR1 @2
8129210	FOOD SCIENCE APPS 2 Food Science Applications 2/Level 3	9-12,30,31 /Y	PA	1.0	AGRICULTUR1 @2
8129220	FOOD SCIENCE APPS 3 Food Science Applications 3/Level 3	9-12,30,31 /Y	VO	1.0	AGRICULTUR1 @2

PLANT SYSTEMS CAREER PATH (AGPB)

8012100	FLORAL DESIGN & MKT Floral Design and Marketing	9-12,30,31 /			
8012110	INTRO FLORAL DESIGN Introductory Floral Design/Level 2	9-12,30,31 /Y	PA	1.0	AGRICULTUR1 @2 MKTG 1 RETAILING@7 7 G
8012120	FLORAL DESIGN 2 Floral Design 2/Level 2	9-12,30,31 /Y	PA	1.0	AGRICULTUR1 @2 MKTG 1 RETAILING@7 7 G
8012130	FLORAL DSN & MKT 3 Floral Design and Marketing Services 3/Level 2	9-12,30,31 /Y	PA	1.0	AGRICULTUR1 @2 MKTG 1 RETAILING@7 7 G
8012140	FLORAL DSN & MGMT 4 Floral Design and Management 4/ Level 2	9-12,30,31 /Y	PA	1.0	AGRICULTUR1 @2 MKTG 1 RETAILING@7 7 G
8121600	HORT SCIENCE & SERS Horticulture Science & Services	9-12,30,31 /			
8106810	AGRISCIENCE FOUND 1 Agriscience Foundations 1/Level 3	9-12,30,31 /Y	EQ	1.0	AGRICULTUR1 @2
8121510	INTRO HORTICULTURE 2 Introductory Horticulture 2/Level 3	9-12,30,31 /Y	PA	1.0	AGRICULTUR1 @2
8121520	HORTICULTURE SCI 3 Horticultural Science 3 /Level 3	9-12,30,31 /Y	PA	1.0	AGRICULTUR1 @2

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS		CREDIT	CERTIFICATION
8121610	HORT SCI & SERS 4 Horticulture Science and Services 4 /Level 2	9-12,30,31 /Y	VO		1.0	AGRICULTUR1 @2
8121620	HORT SCI & SERS 5 Horticulture Science and Services 5 /Level 2	9-12,30,31 /Y	VO		1.0	AGRICULTUR1 @2
8121630	HORT SCI & SERS 6 Horticulture Science & Services 6/ Level 2	9-12,30,31 /Y	VO		1.0	AGRICULTUR1 @2 HORTICULT#7
A200100	LANDSCAPE & TURF MGM Landscape & Turf Management	30,31 /				
ORH0862	NURSERY WORKERS Nursery Workers	9-12,30,31 /Y	VO		2.0	AGRICULTUR1 @2 HORTICULT#7
ORH0802	LANDSCAPE & GROUNDS Landscape and Groundskeeping	9-12,30,31 /Y	VO		3.0	AGRICULTUR1 @2 HORTICULT#7
ORH0803	LANDS & GROUNDS SUPR Landscape and Groundskeeping Supervisors	9-12,30,31 /Y	VO		1.0	AGRICULTUR1 @2 HORTICULT#7
8002100	LANDSCAPE OPERATIONS Landscape Operations	9-12,30,31 /				
8106810	AGRISCIENCE FOUND 1 Agriscience Foundations 1/Level 3	9-12,30,31 /Y	EQ		1.0	AGRICULTUR1 @2
8121510	INTRO HORTICULTURE 2 Introductory Horticulture 2/Level 3	9-12,30,31 /Y	PA		1.0	AGRICULTUR1 @2
8121520	HORTICULTURE SCI 3 Horticultural Science 3 /Level 3	9-12,30,31 /Y	PA		1.0	AGRICULTUR1 @2
8121310	LAND & TURF SCI 4 Landscape and Turf Science 4/Level 2	9-12,30,31 /Y	VO		1.0	AGRICULTUR1 @2 HORTICULT#7
8121320	LAND & TURF SCI 5 Landscape and Turf Science 5/Level 2	9-12,30,31 /Y	VO		1.0	AGRICULTUR1 @2 HORTICULT#7
8121410	SPRTS&REC TURF OPS 6 Sports and Recreational Turf Operations 6/Level 2	9-12,30,31 /Y	VO		1.0	AGRICULTUR1 @2 HORTICULT#7
A010616	NURSERY MANAGEMENT Nursery Management	30,31 /				
ORH0862	NURSERY WORKERS Nursery Workers	9-12,30,31 /Y	VO		2.0	AGRICULTUR1 @2 HORTICULT#7

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
ORH0863	NURSERY & GRNHS MGR1 Nursery and Greenhouse Managers 1	9-12,30,31 /Y	VO	3.0	AGRI @2 AGRICULTUR1 @2 HORTICULT#7
ORH0864	NURSERY & GRNHS MGR2 Nursery and Greenhouse Managers 2	9-12,30,31 /Y	VO	1.0	AGRI @2 AGRICULTUR1 @2 HORTICULT#7
ANIMAL SYSTEMS CAREER PATH (AGPC)					
8106200	ANIMAL SCI & SERV Animal Science and Services	9-12,30,31 /			
8106810	AGRISCIENCE FOUND 1 Agriscience Foundations 1/Level 3	9-12,30,31 /Y	EQ	1.0	AGRICULTUR1 @2
8106210	ANIM SCI & SERS 2 Animal Science and Services 2/Level 2	9-12,30,31 /Y	VO	1.0	AGRICULTUR1 @2
8106220	ANIM SCI & SERS 3 Animal Science and Services 3/Level 2	9-12,30,31 /Y	VO	1.0	AGRICULTUR1 @2
8106230	ANIM SCI & SERS 4 Animal Science and Services 4/Level 2	9-12,30,31 /Y	VO	1.0	AGRICULTUR1 @2
8106240	ANIM SCI & SERS 5 Animal Science and Services 5/Level 2	9-12,30,31 /Y	VO	1.0	AGRICULTUR1 @2
8106250	ANIM SCI & SERS 6 Animal Science and Services 6/Level 2	9-12,30,31 /Y	VO	1.0	AGRICULTUR1 @2
8004100	AQUACULTURE Aquaculture	9-12,30,31 /			
8106810	AGRISCIENCE FOUND 1 Agriscience Foundations 1/Level 3	9-12,30,31 /Y	EQ	1.0	AGRICULTUR1 @2
8112010	AQUACULTURE 2 Aquaculture 2/Level 3	9-12,3031 /Y	EQ	1.0	AGRICULTUR1 @2
8112020	AQUACULTURE 3 Aquaculture 3/Level 3	9-12,3031 /Y	EQ	1.0	AGRICULTUR1 @2
8112030	AQUACULTURE 4 Aquaculture 4/Level 3	9-12,3031 /Y	VO	1.0	AGRICULTUR1 @2
8004200	EQUESTRIAN STUDIES Equestrian Studies	9-12,30,31 /			
8106810	AGRISCIENCE FOUND 1 Agriscience Foundations 1/Level 3	9-12,30,31 /Y	EQ	1.0	AGRICULTUR1 @2

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT	CERTIFICATION
			GRADUATION REQUIREMENTS			

8004210	INTRO TO EQUESTRIAN Introduction to Equestrian Studies/ Level 2	9-12,30,31 /Y	PA			AGRICULTUR1 @2
8004220	BEGINNING EQUESTRIAN Beginning Equestrian/Level 2	9-12,30,31 /Y	PA			AGRICULTUR1 @2
8004230	INTERMEDIATE EQUEST Intermediate Equestrian/Level 2	9-12,30,31 /Y	PA			AGRICULTUR1 @2
8004240	ADVANCED EQUESTRIAN Advanced Equestrian/Level 2	9-12,30,31 /Y	PA			AGRICULTUR1 @2
8115110	VETERINARY ASSIST Veterinary Assisting	9-12,30,31 /				
8111510	VETERINARY ASSIST 1 Veterinary Assisting 1/Level 3	9-12,30,31 /Y	VO	1.0		AGRICULTUR1 @2 VET ASSIST7 G
8111540	VETERINARY ASSIST 2 Veterinary Assisting 2/Level 3	9-12,30,31 /Y	VO	1.0		AGRICULTUR1 @2 VET ASSIST7 G
8111550	VETERINARY ASSIST 3 Veterinary Assisting 3/Level 3	9-12,30,31 /Y	VO	1.0		AGRICULTUR1 @2 VET ASSIST7 G
8111520	VETERINARY ASSIST 4 Veterinary Assisting 4/Level 3	9-12,30,31 /Y	VO	1.0		AGRICULTUR1 @2 VET ASSIST7 G
8111530	VETERINARY ASSIST 5 Veterinary Assisting 5/Level 3	9-12,30,31 /Y	VO	1.0		AGRICULTUR1 @2 VET ASSIST7 G
A010512	VET ASSISTING Veterinary Assisting	30,31 /				
ATE0006	VET ASST & LAB ANI 1 Veterinary Assistants and Laboratory Animal Caretakers 1	9-12,30,31 /Y	VO	3.0		AGRI @2 AGRICULTUR1 @2 AG SUPPLI@7 G VET ASSIST7 G
ATE0070	VET ASST & LAB ANI 2 Veterinary Assistants and Laboratory Animal Caretakers 2	9-12,30,31 /Y	VO	1.0		AGRI @2 AGRICULTUR1 @2 AG SUPPLI@7 G VET ASSIST7 G
ATE0072	VETERINARY ASSISTANT Veterinary Assistant	9-12,30,31 /Y	VO	1.0		AGRI @2 AGRICULTUR1 @2 AG SUPPLI@7 G VET ASSIST7 G

POWER, STRUCTURAL & TECHNICAL SYSTEMS CAREER PATH (AGPD)

8005200	AG USE OF UAS TECH Agricultural Use of UAS Technology	11-1230,31 /				
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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	REQUIREMENTS	CREDIT	CERTIFICATION
8005233	AG USE OF UAS TECH Agricultural Use of UAS Technology/ Level 3	11-1230,31 /Y	VO	1.0	AGRI 1 SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8005100	TECHNICAL AG OPS Technical Agriculture Operations	9-12,30,31 /			
8106810	AGRISCIENCE FOUND 1 Agriscience Foundations 1/Level 3	9-12,30,31 /Y	EQ	1.0	AGRICULTUR1 @2
8005110	TECHNICAL AG OPS 2 Technical Agriculture Operations 2/ Level 2	9-12,30,31 /Y	VO	1.0	AGRICULTUR1 @2 AGRI MECH#7
8005120	TECHNICAL AG OPS 3 Technical Agriculture Operations 3/ Level 2	9-12,30,31 /Y	VO	1.0	AGRICULTUR1 @2 AGRI MECH#7
8005130	TECHNICAL AG OPS 4 Technical Agriculture Operations 4/ Level 2	9-12,30,31 /Y	VO	1.0	AGRICULTUR1 @2 AGRI MECH#7
8005140	TECHNICAL AG OPS 5 Technical Agriculture Operations 5/ Level 2	9-12,30,31 /Y	VO	1.0	AGRICULTUR1 @2 AGRI MECH#7
A020608	TURF EQ TECH-ATD Turf Equipment Technology-ATD	30,31 /			
SER0004	OUTDR POWER EQUIP 1 Outdoor Power Equipment and Other Small Engine Mechanics 1	9-12,30,31 /Y	VO	2.5	
SER0005	OUTDR POWER EQUIP 2 Outdoor Power Equipment and Other Small Engine Mechanics 2	9-12,30,31 /Y	VO	2.5	
SER0006	OUTDR POWER EQUIP 3 Outdoor Power Equipment and Other Small Engine Mechanics 3	9-12,30,31 /Y	VO	1.5	
----- NATURAL RESOURCES SYSTEMS CAREER PATH (AGPE) -----					
^a 8113000	^a ENVIRON RESOURCES Environmental Resources	9-12,30,31 /			
8106810	AGRISCIENCE FOUND 1 Agriscience Foundations 1/Level 3	9-12,30,31 /Y	EQ	1.0	AGRICULTUR1 @2
8106850	AG BIOTECHNOLOGY 2 Agricultural Biotechnology 2/Level 3	9-12,30,31 /Y	VO	1.0	AGRICULTUR1 @2
^a 8113010	^a ENVIRON RESOURCE 3 Environmental Resources 3/Level 3	9-12,30,31 /Y	VO	1.0	AGRICULTUR1 @2

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	REQUIREMENTS	CREDIT	CERTIFICATION
^a 8113020	^a ENVIRON RESOURCE 4 Environmental Resources 4/Level 3	9-12,30,31 /Y	VO	1.0	AGRICULTUR1 @2
8118300	FORESTRY Forestry	9-12,30,31 /			
8106810	AGRISCIENCE FOUND 1 Agriscience Foundations 1/Level 3	9-12,30,31 /Y	EQ	1.0	AGRICULTUR1 @2
8118310	FORESTRY & NAT RES 2 Forestry and Natural Resources 2/ Level 2	9-12,30,31 /Y	VO	1.0	AGRICULTUR1 @2
8118320	FORESTRY & NAT RES 3 Forestry and Natural Resources 3/ Level 2	9-12,30,31 /Y	VO	1.0	AGRICULTUR1 @2
8118330	FORESTRY 4 Forestry 4/Level 2	9-12,30,31 /Y	VO	1.0	AGRICULTUR1 @2
^a 8913000	^a LAND RESOURCES TECH Land Resources Technology	9-12,30,31 /			
^a 8913010	^a INTRO ENVIR TECH Introduction to Environmental Technology/Level 2	9-12,30,31 /Y	VO	1.0	WSP OPER 7 G AGRICULTUR1 @2 BIOLOGY 1
^a 8913020	^a ENVIRONMENTAL TECH 2 Environmental Technology 2/Level 2	9-12,30,31 /Y	VO	1.0	WSP OPER 7 G AGRICULTUR1 @2 BIOLOGY 1
^a 8913030	^a LAND RESOURCES 3 Land Resources 3/Level 3	9-12,30,31 /Y	VO	1.0	WSP OPER 7 G AGRICULTUR1 @2 BIOLOGY 1
^a 8913040	^a LAND RESOURCES 4 Land Resources 4/Level 3	9-12,30,31 /Y	VO	1.0	WSP OPER 7 G AGRICULTUR1 @2 BIOLOGY 1
8006200	NATURAL RESOURCES Natural Resources	9-12,30,31 /			
8106810	AGRISCIENCE FOUND 1 Agriscience Foundations 1/Level 3	9-12,30,31 /Y	EQ	1.0	AGRICULTUR1 @2
8006220	INTRO TO NAT RES 2 Introduction to Natural Resources 2 /Level 3	9-12,30,31 /Y	VO	1.0	AGRICULTUR1 @2
8006230	NAT RESOURCE TEC 3 Natural Resource Technology 3/Level 3	9-12,30,31 /Y	VO	1.0	AGRICULTUR1 @2
8006240	NAT RESOURCE MGMT 4 Natural Resource Management 4/Level 3	9-12,30,31 /Y	VO	1.0	AGRICULTUR1 @2

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8006250	ADV NAT RESOURCES 5 Advanced Natural Resources 5/Level 3	9-12,30,31 /Y	VO	1.0	AGRICULTUR1 @2
----- ENVIRONMENTAL SERVICE SYSTEMS CAREER PATH (AGPF) -----					
P150509	ADV WATER TRTMT TECH Advanced Water Treatment Technologies	30,31 /			
EVS0355	MEMB WTR TREAT SPEC Membrane Water Treatment Specialist	9-12,30,31 /Y	VO	2.0	WSP OPER 7 G
EVS0357	HIGH PUR WTR TR SPEC High Purity Water Treatment Specialist	9-12,30,31 /Y	VO	2.0	WSP OPER 7 G
8007300	ENV WATER & RECL TEC Environmental Water & Reclamation Technology	9-12,30,31 /			
8007110	INTRO ENV WATER TECH Introduction to Environmental Water Technology/Level 2	9-12,30,31 /	VO	1.0	ENV WAT TE7 G
8007120	INTM ENV WATER TECH Intermediate Environmental Water Technology/Level 2	9-12,30,31 /	VO	1.0	ENV WAT TE7 G
8007130	ADV ENV WATER TECH Advanced Environmental Water Techno logy/Level 2	9-12,30,31 /	VO	1.0	ENV WAT TE7 G
8007210	ADV ENV WAT RECLAIM Advanced Environmental Water Reclamation Technology/ Level 2	9-12,30,31 /	VO	1.0	ENV WAT TE7 G
P150527	WSTWTR TRTMT TECHS Wastewater Treatment Technologies	30,31 /			
EVS0333	WSTWTR TREAT PL OP,C Wastewater Treatment Plant Operator, Level "C"	9-12,30,31 /Y	VO	1.0	WSP OPER 7 G
EVS0343	WSTWTR TREAT PL OP,B Wastewater Treatment Plant Operator, Level "B"	9-12,30,31 /S	VO	0.5	WSP OPER 7 G
EVS0350	WSTWTR TREAT PL OP,A Wastewater Treatment Plant Operator, Level "A"	9-12,30,31 /S	VO	0.5	WSP OPER 7 G
P150507	WATER TREATMENT TECH Water Treatment Technologies	30,31 /			

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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EVS0133	WTR TREAT PL OP, C Water Treatment Plant Operator, Level "C"	9-12,30,31 /Y	VO	1.0	WSP OPER 7 G
EVS0143	WTR TREAT PL OP, B Water Treatment Plant Operator, Level "B"	9-12,30,31 /S	VO	0.5	WSP OPER 7 G
EVS0153	WTR TREAT PL OP, A Water Treatment Plant Operator, Level "A"	9-12,30,31 /S	VO	0.5	WSP OPER 7 G

AGRIBUSINESS SYSTEMS CAREER PATH (AGPG)

8117000	AGRICULTURAL COMM Agricultural Communications	9-12,30,31 /			
8106810	AGRISCIENCE FOUND 1 Agriscience Foundations 1/Level 3	9-12,30,31 /Y	EQ	1.0	AGRICULTUR1 @2
8117010	AG COMMUNICATIONS 2 Agricultural Communications 2/Level 3	9-12,30,31 /Y	PA	1.0	AGRICULTUR1 @2
8117020	AG COMMUNICATIONS 3 Agricultural Communications 3/Level 3	9-12,30,31 /Y	PA	1.0	AGRICULTUR1 @2
8116000	AG SALES & SERS Agricultural Sales and Services	9-12,30,31 /			
8106810	AGRISCIENCE FOUND 1 Agriscience Foundations 1/Level 3	9-12,30,31 /Y	EQ	1.0	AGRICULTUR1 @2
8116010	AG SALES & SERS 2 Agricultural Sales and Services 2/ Level 3	9-12,30,31 /Y	EC	1.0	AGRICULTUR1 @2
8116020	AG SALES & SERS 3 Agricultural Sales and Services 3/ Level 3	9-12,30,31 /Y	PA	1.0	AGRICULTUR1 @2
8106800	AGRITECHNOLOGY Agritechnology	9-12,30,31 /			
8106810	AGRISCIENCE FOUND 1 Agriscience Foundations 1/Level 3	9-12,30,31 /Y	EQ	1.0	AGRICULTUR1 @2
8106820	AGRITECHNOLOGY 1 Agritechnology 1/Level 2	9-12,30,31 /Y	VO	1.0	AGRICULTUR1 @2
8106830	AGRITECHNOLOGY 2 Agritechnology 2/Level 2	9-12,30,31 /Y	VO	1.0	AGRICULTUR1 @2

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION		
8009100	PRIN OF AGRI & MGMT Principles of Agribusiness and Management	9-12,30,31 /					
8106810	AGRISCIENCE FOUND 1 Agriscience Foundations 1/Level 3	9-12,30,31 /Y	EQ	1.0	AGRICULTUR1 @2		
8009110	AG LEAD & MANAGEMENT Agriculture Leadership and Management /Level 3	9-12,30,31 /Y	VO	1.0	AGRICULTUR1 @2		
8009120	PRIN OF AGRIBUSINESS Principles of Agribusiness/Level 3	9-12,30,31 /Y	EC	1.0	AGRICULTUR1 @2		
AGRICULTURE BIOTECHNOLOGY (AGPH)							
8003100	AGRICULTURE BIOTECH Agriculture Biotechnology	9-12,30,31 /					
8106810	AGRISCIENCE FOUND 1 Agriscience Foundations 1/Level 3	9-12,30,31 /Y	EQ	1.0	AGRICULTUR1 @2		
8106850	AG BIOTECHNOLOGY 2 Agricultural Biotechnology 2/Level 3	9-12,30,31 /Y	VO	1.0	AGRICULTUR1 @2		
8106860	AG BIOTECHNOLOGY 3 Agricultural Biotechnology 3/Level 3	9-12,30,31 /Y	EQ	1.0	AGRICULTUR1 @2		
8106120	ANIMAL BIOTECHNOLOGY Animal Biotechnology/Level 3	9-12,30,31 /Y	VO	1.0	AGRICULTUR1 @2		
8106510	PLANT BIOTECHNOLOGY Plant Biotechnology/Level 3	9-12,30,31 /Y	VO	1.0	AGRICULTUR1 @2		
SUPPLEMENTAL PROGRAMS							
8100330	ADV CONCEPTS OF AG Advanced Concepts of Agriscience/Level 2	11-12,30,31/Y	VO	1.0	AGRICULTUR 1 @2		
8199990	AGRIBUS ED TRAN Agribusiness Education Transfer	9-12,30,31 /			NA		
A010000	AGRIBUS ED TRANSFER Agribusiness Education Transfer	30,31 /			NA		
8100410	AGRI,FOOD,NR - OJT Agriculture, Food and Natural Resources Cooperative Education - OJT	9-12,30,31 /M	VO	MULTIPLE	AGRICULTUR 1 @2	ANY AG ED G ¶	
8100100	AGRI, FOOD, NR DS Agriculture, Food and Natural Resources Directed Study	11-12,30,31/M	VO	MULTIPLE	AGRICULTUR 1 @2	ANY AG ED G ¶	
8100210	EX OF AGRISCI Exploration of Agriscience	6-8 /S			AGRICULTUR 1 @2	EXP AG @4	

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8500395	FOOD SCI & SAFETY Food Science Safety and Technology/ Level 2	9-12,30,31 /Y	VO	1.0	AGRICULTUR 1 @2 FAM CON SCI 1
8021400	FUND OF AG SERVICES Fundamentals of Agriculture, Food and Natural Resource Services	6-8 /Y		AGRICULTUR	1 @2 EXP AG @4
8021300	FUND OF AG SYSTEMS Fundamentals of Agriculture, Food and Natural Resource Systems	6-8 /Y		AGRICULTUR	1 @2 EXP AG @4
8021100	INTRO TO AG,FOOD,NR Introduction to Agriculture, Food and Natural Resources	6-8 /S		AGRICULTUR	1 @2 EXP AG @4
8021110	INTRO TO AG & CP Introduction to Agriculture, Food and Natural Resources/Career Plan	6-8 /S		AGRICULTUR	1 @2 EXP AG @4
8100120	INTRO AGRISCIENCE Introduction to Agriscience	6-8 /S		AGRICULTUR	1 @2 EXP AG @4
8100310	ORIENT AGRISCIENCE Orientation to Agriscience	6-8 /S		AGRICULTUR	1 @2 EXP AG @4
8100110	ORIEN TO AGSCI & C P Orientation to Agriscience and Career Planning	6-8 /S		AGRICULTUR	1 @2 EXP AG @4

APPRENTICESHIP PROGRAMS

A01061R	NURSERY MGMT- APPR Nursery Management - Apprenticeship	30,31 /			
A01062R	NURSERY TEC-APPR Nursery Technician - Apprenticeship	30,31 /			

|ARCHITECTURE & CONSTRUCTION CAREER CLUSTER|

DESIGN/PRE-CONSTRUCTION CAREER PATH (ACPA)

8101100	ARCHITECTURAL DRAFT Architectural Drafting	9-12,30,31 /			
8725010	DRAFTING 1 Drafting 1/Level 3	9-12,30,31 /Y	PA	1.0	BLDG CONS@7 7 G DRAFTING @7 7 G TEC CONST@7 7 G TEC DRAFT 7 G
8725020	DRAFTING 2 Drafting 2/Level 3	9-12,30,31 /Y	PA	1.0	BLDG CONS@7 7 G DRAFTING @7 7 G TEC CONST@7 7 G TEC DRAFT 7 G

SECTION 5

CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	COURSES MEETING		
					CERTIFICATION		
8725030	DRAFTING 3 Drafting 3/Level 3	9-12,30,31 /Y	PA	1.0	BLDG CONS@7	7	G
					DRAFTING @7	7	G
					TEC CONST@7	7	G
					TEC DRAFT 7	G	
8725040	DRAFTING 4 Drafting 4/Level 3	9-12,30,31 /Y	PA	1.0	BLDG CONS@7	7	G
					DRAFTING @7	7	G
					TEC CONST@7	7	G
					TEC DRAFT 7	G	
8725450	ARCHITEC DRAFTING 5 Architectural Drafting 5/Level 3	9-12,30,31 /Y	PA	1.0	BLDG CONS@7	7	G
					DRAFTING @7	7	G
					TEC CONST@7	7	G
					TEC DRAFT 7	G	
8725460	ARCHITEC DRAFTING 6 Architectural Drafting 6/Level 3	9-12,30,31 /Y	PA	1.0	BLDG CONS@7	7	G
					DRAFTING @7	7	G
					TEC CONST@7	7	G
					TEC DRAFT 7	G	
8915000	CIVIL ENGINEER AIDE Civil Engineering Aide	9-12,30,31 /					
8915010	CIVIL ENGR AIDE 1 Civil Engineering Aide 1/Level 2	9-12,30,31 /	PA	1.0	SURVEY 7	G	
					TEC CONST@7	7	G
8915020	CIVIL ENGR AIDE 2 Civil Engineering Aide 2/Level 2	9-12,30,31 /	PA	1.0	SURVEY 7	G	
					TEC CONST@7	7	G
8915030	CIVIL ENGR AIDE 3 Civil Engineering Aide 3/Level 3	9-12,30,31 /	VO	1.0	SURVEY 7	G	
					TEC CONST@7	7	G
8915040	CIVIL ENGR AIDE 4 Civil Engineering Aide 4/Level 3	9-12,30,31 /	VO	1.0	SURVEY 7	G	
					TEC CONST@7	7	G
8725000	DRAFTING Drafting	9-12,30,31 /					
8725010	DRAFTING 1 Drafting 1/Level 3	9-12,30,31 /Y	PA	1.0	BLDG CONS@7	7	G
					DRAFTING @7	7	G
					TEC CONST@7	7	G
					TEC DRAFT 7	G	
8725020	DRAFTING 2 Drafting 2/Level 3	9-12,30,31 /Y	PA	1.0	BLDG CONS@7	7	G
					DRAFTING @7	7	G
					TEC CONST@7	7	G
					TEC DRAFT 7	G	
8725030	DRAFTING 3 Drafting 3/Level 3	9-12,30,31 /Y	PA	1.0	BLDG CONS@7	7	G
					DRAFTING @7	7	G
					TEC CONST@7	7	G
					TEC DRAFT 7	G	

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8725040	DRAFTING 4 Drafting 4/Level 3	9-12,30,31 /Y	PA	1.0	BLDG CONS@7 7 G DRAFTING @7 7 G TEC CONST@7 7 G TEC DRAFT 7 G
C100200	DRAFTING Drafting	30,31 /			
TDR0070	INTRO TO DRAFTING Introduction to Drafting	9-12,30,31 /Y	PA	1.0	BLDG CONS@7 7 G DRAFTING @7 7 G TEC CONST@7 7 G TEC DRAFT 7 G
TDR0370	DRAFTING ASST Drafting Assistant	9-12,30,31 /Y	PA	3.0	BLDG CONS@7 7 G DRAFTING @7 7 G TEC CONST@7 7 G TEC DRAFT 7 G
TDR0775	DRAFTING DETAILER 1 Drafting Detailer 1	9-12,30,31 /Y	PA	1.0	BLDG CONS@7 7 G DRAFTING @7 7 G TEC CONST@7 7 G TEC DRAFT 7 G
TDR0776	DRAFTING DETAILER 2 Drafting Detailer 2	9-12,30,31 /Y	PA	1.0	BLDG CONS@7 7 G DRAFTING @7 7 G TEC CONST@7 7 G TEC DRAFT 7 G
TDR0570	ARCHITECTURAL DRAFT Architectural Drafter	9-12,30,31 /Y	PA	1.0	BLDG CONS@7 7 G DRAFTING @7 7 G TEC CONST@7 7 G TEC DRAFT 7 G
TDR0874	CIVIL DRAFTER Civil Drafter	9-12,30,31 /Y	PA	1.0	BLDG CONS@7 7 G DRAFTING @7 7 G TEC CONST@7 7 G TEC DRAFT 7 G
TDR0777	MECHANICAL DRAFTER Mechanical Drafter	9-12,30,31 /Y	VO	1.0	BLDG CONS@7 7 G DRAFTING @7 7 G TEC CONST@7 7 G TEC DRAFT 7 G
TDR0875	STRUCTURAL DRAFTER Structural Drafter	9-12,30,31 /Y	VO	1.0	BLDG CONS@7 7 G DRAFTING @7 7 G TEC CONST@7 7 G TEC DRAFT 7 G
8101200	STRUCTURAL DRAFT Structural Drafting	9-12,30,31 /			

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	COURSES MEETING		
					CERTIFICATION		
8725010	DRAFTING 1 Drafting 1/Level 3	9-12,30,31 /Y	PA	1.0	BLDG CONS@7	7	G
					DRAFTING @7	7	G
					TEC CONST@7	7	G
					TEC DRAFT 7	G	
8725020	DRAFTING 2 Drafting 2/Level 3	9-12,30,31 /Y	PA	1.0	BLDG CONS@7	7	G
					DRAFTING @7	7	G
					TEC CONST@7	7	G
					TEC DRAFT 7	G	
8725030	DRAFTING 3 Drafting 3/Level 3	9-12,30,31 /Y	PA	1.0	BLDG CONS@7	7	G
					DRAFTING @7	7	G
					TEC CONST@7	7	G
					TEC DRAFT 7	G	
8725040	DRAFTING 4 Drafting 4/Level 3	9-12,30,31 /Y	PA	1.0	BLDG CONS@7	7	G
					DRAFTING @7	7	G
					TEC CONST@7	7	G
					TEC DRAFT 7	G	
8725550	STRUCTURAL DRAFT 5 Structural Drafting 5/Level 3	9-12,30,31 /Y	PA	1.0	BLDG CONS@7	7	G
					DRAFTING @7	7	G
					TEC CONST@7	7	G
					TEC DRAFT 7	G	
8725560	STRUCTURAL DRAFT 6 Structural Drafting 6/Level 3	9-12,30,31 /Y	PA	1.0	BLDG CONS@7	7	G
					DRAFTING @7	7	G
					TEC CONST@7	7	G
					TEC DRAFT 7	G	
----- CONSTRUCTION CAREER PATH (ACPB) -----							
8723000	A/C, REFG & HT TECH Air Conditioning, Refrigeration and Heating Technology	9-12,30,31 /					
8713010	A/C, REFG & HT TECH 1 Air Conditioning and Refrigeration Technology 1/Level 2	9-12,30,31 /Y	VO	1.0	AC HEAT M@7	7	G
					REFRG MECH7	G	
8713020	A/C&REFG & HT TECH 2 Air Conditioning and Refrigeration Technology 2/Level 2	9-12,30,31 /Y	VO	1.0	AC HEAT M@7	7	G
					REFRG MECH7	G	
8713030	A/C, REFG & HT TECH 3 Air Conditioning and Refrigeration Technology 3/Level 2	9-12,30,31 /Y	VO	1.0	AC HEAT M@7	7	G
					REFRG MECH7	G	
8713040	A/C, REFG & HT TECH 4 Air Conditioning and Refrigeration Technology 4/Level 2	9-12,30,31 /Y	VO	1.0	AC HEAT M@7	7	G
					REFRG MECH7	G	

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	COURSES MEETING		
					CERTIFICATION		
8713050	A/C&REFG & HT TECH 5 Air Conditioning and Refrigeration Technology 5/Level 2	9-12,30,31 /Y	VO	1.0	AC HEAT M@7 REFRG MECH7	7 G	G
8713060	A/C&REFG & HT TECH 6 Air Conditioning and Refrigeration Technology 6/Level 2	9-12,30,31 /Y	VO	1.0	AC HEAT M@7 REFRG MECH7	7 G	G
8713070	A/C&REFG & HT TECH 7 Air Conditioning and Refrigeration Technology 7/Level 2	9-12,30,31 /Y	VO	1.0	AC HEAT M@7 REFRG MECH7	7 G	G
I470203	AIR COND,REF,HEAT Air Conditioning, Refrigeration and Heating Technology	30,31 /					
ACR0041	AC, REF & HEAT HLP Air Conditioning, Refrigeration and Heating Helper	9-12,30,31 /Y	VO	1.5	AC HEAT M@7 REFRG MECH7	7 G	G
ACR0043	AC, REF & HEAT MECH Air Conditioning, Refrigeration and Heating Mechanic Assistant	9-12,30,31 /Y	VO	1.5	AC HEAT M@7 REFRG MECH7	7 G	G
ACR0047	AC, REFG & HEAT MEC1 Air Conditioning, Refrigeration and Heating Mechanic 1	9-12,30,31 /Y	VO	1.5	AC HEAT M@7 REFRG MECH7	7 G	G
ACR0049	AC, REFG & HEAT MEC2 Air Conditioning, Refrigeration and Heating Mechanic 2	9-12,30,31 /Y	VO	1.5	AC HEAT M@7 REFRG MECH7	7 G	G
ACR0044	AC, REF & HEAT TECH Air Conditioning, Refrigeration and Heating Technician	9-12,30,31 /Y	VO	2.0	AC HEAT M@7 REFRG MECH7	7 G	G
ACR0045	REFRIGERATION MECH Refrigeration Mechanic	9-12,30,31 /Y	VO	2.0	AC HEAT M@7 REFRG MECH7	7 G	G
C400100	AIR COND,REF,HEAT1 Air Conditioning, Refrigeration and Heating Technology 1	30,31 /					
ACR0041	AC, REF & HEAT HLP Air Conditioning, Refrigeration and Heating Helper	9-12,30,31 /Y	VO	1.5	AC HEAT M@7 REFRG MECH7	7 G	G
ACR0043	AC, REF & HEAT MECH Air Conditioning, Refrigeration and Heating Mechanic Assistant	9-12,30,31 /Y	VO	1.5	AC HEAT M@7 REFRG MECH7	7 G	G
ACR0047	AC, REFG & HEAT MEC1 Air Conditioning, Refrigeration and Heating Mechanic 1	9-12,30,31 /Y	VO	1.5	AC HEAT M@7 REFRG MECH7	7 G	G

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
C400200	AIR COND,REF,HEAT2 Air Conditioning, Refrigeration and Heating Technology 2	30,31 /			
ACR0049	AC, REFG & HEAT MEC2 Air Conditioning, Refrigeration and Heating Mechanic 2	9-12,30,31 /Y	VO	1.5	AC HEAT M@7 7 G REFRG MECH7 G
ACR0044	AC, REF & HEAT TECH Air Conditioning, Refrigeration and Heating Technician	9-12,30,31 /Y	VO	2.0	AC HEAT M@7 7 G REFRG MECH7 G
ACR0045	REFRIGERATION MECH Refrigeration Mechanic	9-12,30,31 /Y	VO	2.0	AC HEAT M@7 7 G REFRG MECH7 G
8722900	BRK & BLOCK MASONRY Brick and Block Masonry	9-12,30,31 /			
8722610	MASONRY 1 Masonry 1/Level 2	9-12,30,31 /Y	VO	1.0	BLDG CONS17 1G TEC CONST17 1G TROWEL TR 7 G
8722620	MASONRY 2 Masonry 2/Level 2	9-12,30,31 /Y	VO	1.0	BLDG CONS17 1G TEC CONST17 1G TROWEL TR 7 G
8722630	MASONRY 3 Masonry 3/Level 2	9-12,30,31 /Y	VO	1.0	BLDG CONS17 1G TEC CONST17 1G TROWEL TR 7 G
8722640	MASONRY 4 Masonry 4/Level 2	9-12,30,31 /Y	VO	1.0	BLDG CONS17 1G TEC CONST17 1G TROWEL TR 7 G
8722650	MASONRY 5 Masonry 5/Level 2	9-12,30,31 /Y	VO	1.0	BLDG CONS17 1G TEC CONST17 1G TROWEL TR 7 G
I463112	BRK & BLK MASONRY Brick and Block Masonry	30,31 /			
BCV0330	MASONRY TENDER Masonry Tender	9-12,30,31 /Y	VO	3.0	BLDG CONS17 1G TEC CONST17 1G TROWEL TR 7 G
BCV0360	BRICKLAYER HELPER Bricklayer Helper	9-12,30,31 /Y	VO	2.0	BLDG CONS17 1G TEC CONST17 1G TROWEL TR 7 G
BCV0362	BRICKMASON 1 Brickmason 1	9-12,30,31 /Y	VO	3.0	BLDG CONS17 1G TEC CONST17 1G TROWEL TR 7 G

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COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
BCV0363	BRICKMASON 2 Brickmason 2	9-12,30,31 /Y	VO	3.0	BLDG CONST@7 7 G TEC CONST@7 7 G TROWEL TR 7 G
8720300	BLDG CONST TECH Building Construction Technologies	9-12,30,31 /			
8720310	BLDG CONST TECH 1 Building Construction Technologies 1/Level 2	9-12,30,31 /Y	VO	1.0	AC HEAT M@7 7 G BLDG CONST@7 7 G BLDG MAIN@7 7 G CARPENTRY@7 7 G DRAFTING @7 7 G ELECTRICA@7 7 G ENG 7 G PLUMBIN @7 7 G SHEETMETA@7 7 G TEC CONST@7 7 G TEC DRAFT 7 G TROWEL TR 7 G WOODWORKI@4
8720320	BLDG CONST TECH 2 Building Construction Technologies 2/Level 2	9-12,30,31 /Y	VO	1.0	AC HEAT M@7 7 G BLDG CONST@7 7 G BLDG MAIN@7 7 G CARPENTRY@7 7 G DRAFTING @7 7 G ELECTRICA@7 7 G ENG 7 G PLUMBIN @7 7 G SHEETMETA@7 7 G TEC CONST@7 7 G TEC DRAFT 7 G TROWEL TR 7 G WOODWORKI@4
8720330	BLDG CONST TECH 3 Building Construction Technologies 3/Level 3	9-12,30,31 /Y	VO	1.0	AC HEAT M@7 7 G BLDG CONST@7 7 G BLDG MAIN@7 7 G CARPENTRY@7 7 G DRAFTING @7 7 G ELECTRICA@7 7 G ENG 7 G PLUMBIN @7 7 G SHEETMETA@7 7 G TEC CONST@7 7 G TEC DRAFT 7 G TROWEL TR 7 G WOODWORKI@4

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SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8720340	BLDG CONST TECH 4 Building Construction Technologies 4/Level 2	9-12,30,31 /Y	VO	1.0	AC HEAT M@7 7 G BLDG CONS@7 7 G BLDG MAIN@7 7 G CARPENTRY@7 7 G DRAFTING @7 7 G ELECTRICA@7 7 G ENG 7 G PLUMBIN @7 7 G SHEETMETA@7 7 G TEC CONST@7 7 G TEC DRAFT 7 G TROWEL TR 7 G WOODWORKI@4
8720350	BLDG CONST TECH 5 Building Construction Technologies 5/Level 2	9-12,30,31 /Y	VO	1.0	AC HEAT M@7 7 G BLDG CONS@7 7 G BLDG MAIN@7 7 G CARPENTRY@7 7 G DRAFTING @7 7 G ELECTRICA@7 7 G ENG 7 G PLUMBIN @7 7 G SHEETMETA@7 7 G TEC CONST@7 7 G TEC DRAFT 7 G TROWEL TR 7 G WOODWORKI@4
8720360	BLDG CONST TECH 6 Building Construction Technologies 6/Level 2	9-12,30,31 /Y	VO	1.0	AC HEAT M@7 7 G BLDG CONS@7 7 G BLDG MAIN@7 7 G CARPENTRY@7 7 G DRAFTING @7 7 G ELECTRICA@7 7 G ENG 7 G PLUMBIN @7 7 G SHEETMETA@7 7 G TEC CONST@7 7 G TEC DRAFT 7 G TROWEL TR 7 G WOODWORKI@4

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8720370	BLDG CONST TECH 7 Building Construction Technologies 7/Level 2	9-12,30,31 /Y	VO	1.0	AC HEAT M@7 7 G BLDG CONS@7 7 G BLDG MAIN@7 7 G CARPENTRY@7 7 G DRAFTING @7 7 G ELECTRICA@7 7 G ENG 7 G PLUMBIN @7 7 G SHEETMETA@7 7 G TEC CONST@7 7 G TEC DRAFT 7 G TROWEL TR 7 G WOODWORKI@4
I460401	BLDG CONST TECH Building Construction Technologies	30,31 /			
BCV0400	BLDG CONST HLP Building Construction Helper	9-12,30,31 /Y	VO	3.0	AC HEAT M@7 7 G BLDG CONS@7 7 G BLDG MAIN@7 7 G CARPENTRY@7 7 G DRAFTING @7 7 G ELECTRICA@7 7 G ENG 7 G PLUMBIN @7 7 G SHEETMETA@7 7 G TEC CONST@7 7 G TEC DRAFT 7 G TROWEL TR 7 G WOODWORKI@4
BCV0401	BLDG CONST TECH 1 Building Construction Technician 1	9-12,30,31 /Y	VO	2.0	AC HEAT M@7 7 G BLDG CONS@7 7 G BLDG MAIN@7 7 G CARPENTRY@7 7 G DRAFTING @7 7 G ELECTRICA@7 7 G ENG 7 G PLUMBIN @7 7 G SHEETMETA@7 @7 G TEC CONST@7 7 G TEC DRAFT 7 G TROWEL TR 7 G WOODWORKI@4

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
BCV0402	BLDG CONST TECH 2 Building Construction Technician 2	9-12,30,31 /Y	VO	2.0	AC HEAT M@7 7 G BLDG CONS@7 7 G BLDG MAIN@7 7 G CARPENTRY@7 @7 G DRAFTING @7 7 G ELECTRICA@7 7 G ENG 7 G PLUMBIN @7 7 G SHEETMETA@7 7 G TEC CONST@7 7 G TEC DRAFT 7 G TROWEL TR 7 G WOODWORKI@4
8722000	BLDG TR & CONST DSN Building Trades and Construction Design Technology	9-12,30,31 /			
8722010	BLDG TR & CDT 1 Building Trades and Construction Design Technology 1/Level 2	9-12,30,31 /Y	VO	1.0	AC HEAT M@7 7 G BLDG CONS@7 7 G BLDG MAIN@7 7 G CARPENTRY@7 7 G DRAFTING @7 7 G ELECTRICA@7 7 G ENG 7 G PLUMBIN @7 7 G ROOFING 7 G SHEETMETA@7 7 G TEC CONST@7 7 G TEC DRAFT 7 G ENG&TEC ED1 @2 TROWEL TR 7 G WOODWORKI@4
8722020	BLDG TR & CDT 2 Building Trades and Construction Design Technology 2/Level 2	9-12,30,31 /Y	VO	1.0	AC HEAT M@7 7 G BLDG CONS@7 7 G BLDG MAIN@7 7 G CARPENTRY@7 7 G DRAFTING @7 7 G ELECTRICA@7 7 G ENG 7 G PLUMBIN @7 7 G ROOFING 7 G SHEETMETA@7 7 G TEC CONST@7 7 G TEC DRAFT 7 G ENG&TEC ED1 @2 TROWEL TR 7 G WOODWORKI@4

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SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8722030	BLDG TR & CDT 3 Building Trades and Construction Design Technology 3/Level 3	9-12,30,31 /Y	PA	1.0	AC HEAT M@7 7 G BLDG CONS@7 7 G BLDG MAIN@7 7 G CARPENTRY@7 7 G DRAFTING @7 7 G ELECTRICA@7 7 G ENG 7 G PLUMBIN @7 7 G ROOFING 7 G SHEETMETA@7 7 G TEC CONST@7 7 G TEC DRAFT 7 G ENG&TEC ED1 @2 TROWEL TR 7 G WOODWORKI@4
8722040	BLDG TR & CDT 4 Building Trades and Construction Design Technology 4/Level 2	9-12,30,31 /Y	VO	1.0	AC HEAT M@7 7 G BLDG CONS@7 7 G BLDG MAIN@7 7 G CARPENTRY@7 7 G DRAFTING @7 7 G ELECTRICA@7 7 G ENG 7 G PLUMBIN @7 7 G ROOFING 7 G SHEETMETA@7 7 G TEC CONST@7 7 G TEC DRAFT 7 G ENG&TEC ED1 @2 TROWEL TR 7 G WOODWORKI@4
8722050	BLDG TR & CDT 5 Building Trades and Construction Design Technology 5/Level 2	9-12,30,31 /Y	VO	1.0	AC HEAT M@7 7 G BLDG CONS@7 7 G BLDG MAIN@7 7 G CARPENTRY@7 7 G DRAFTING @7 7 G ELECTRICA@7 7 G ENG 7 G PLUMBIN @7 7 G ROOFING 7 G SHEETMETA@7 7 G TEC CONST@7 7 G TEC DRAFT 7 G ENG&TEC ED1 @2 TROWEL TR 7 G WOODWORKI@4

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8722060	BLDG TR & CDT 6 Building Trades and Construction Design Technology 6/Level 3	9-12,30,31 /Y	PA	1.0	AC HEAT M@7 7 G BLDG CONS@7 7 G BLDG MAIN@7 7 G CARPENTRY@7 7 G DRAFTING @7 7 G ELECTRICA@7 7 G ENG 7 G PLUMBIN @7 7 G ROOFING 7 G SHEETMETA@7 7 G TEC CONST@7 7 G TEC DRAFT 7 G ENG&TEC ED1 @2 TROWEL TR 7 G WOODWORKI@4
C100100	BLDG TR & CONST DSN Building Trades and Construction Design Technology	30,31 /			
BCV0080	BLDG CONSTR ASST Building Construction Assistant	30,31 /Y	PA	3.0	AC HEAT M@7 7 G BLDG CONS@7 7 G BLDG MAIN@7 7 G CARPENTRY@7 7 G DRAFTING @7 7 G ELECTRICA@7 7 G ENG 7 G PLUMBIN @7 7 G ROOFING 7 G SHEETMETA@7 7 G TEC CONST@7 7 G TEC DRAFT 7 G ENG&TEC ED1 @2 TROWEL TR 7 G WOODWORKI@4
BCV0081	CARP & MASONRY TECH Carpentry and Masonry Technician	30,31 /Y	VO	1.0	AC HEAT M@7 7 G BLDG CONS@7 7 G BLDG MAIN@7 7 G CARPENTRY@7 7 G DRAFTING @7 7 G ELECTRICA@7 7 G ENG 7 G PLUMBIN @7 7 G ROOFING 7 G SHEETMETA@7 7 G TEC CONST@7 7 G TEC DRAFT 7 G ENG&TEC ED1 @2 TROWEL TR 7 G WOODWORKI@4

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
BCV0082	ELEC & PLUMBING TECH Electrical and Plumbing Technician	30,31	/Y VO	1.0	AC HEAT M@7 7 G BLDG CONS@7 7 G BLDG MAIN@7 7 G CARPENTRY@7 7 G DRAFTING @7 7 G ELECTRICA@7 7 G ENG 7 G PLUMBIN @7 7 G ROOFING 7 G SHEETMETA@7 7 G TEC CONST@7 7 G TEC DRAFT 7 G ENG&TEC ED1 @2 TROWEL TR 7 G WOODWORKI@4
BCV0083	BLDG MAINTENANCE TEC Building Maintenance Technician	30,31	/Y PA	1.0	AC HEAT M@7 7 G BLDG CONS@7 7 G BLDG MAIN@7 7 G CARPENTRY@7 7 G DRAFTING @7 7 G ELECTRICA@7 7 G ENG 7 G PLUMBIN @7 7 G ROOFING 7 G SHEETMETA@7 7 G TEC CONST@7 7 G TEC DRAFT 7 G ENG&TEC ED1 @2 TROWEL TR 7 G WOODWORKI@4
^a 8720100	^a CABINETMAKING Cabinetmaking	9-12,30,31 /			
^a 8722110	^a CARP & CAB MAKING 1 Carpentry and Cabinetmaking 1/Level 2	9-12,30,31 /Y	VO	1.0	
^a 8722120	^a CARP & CAB MAKING 2 Carpentry and Cabinetmaking 2/Level 2	9-12,30,31 /Y	VO	1.0	
^a 8722130	^a CARP & CAB MAKING 3 Carpentry and Cabinetmaking 3/Level 3	9-12,30,31 /Y	VO	1.0	
8720140	CABINETMAKING 4 Cabinetmaking 4/Level 2	9-12,30,31 /Y	VO	1.0	BLDG CONS@7 7 G CAB WOODW@7 7 G CARPENTRY@7 7 G TEC CONST@7 7 G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION		
8720150	CABINETMAKING 5 Cabinetmaking 5/Level 2	9-12,30,31 /Y	VO	1.0	BLDG CONS@7	7	G
					CAB WOODW@7	7	G
					CARPENTRY@7	7	G
					TEC CONST@7	7	G
8104400	CABINETMAKING Cabinetmaking	9-12,30,31 /					
8104410	CABINETMAKING 1 Cabinetmaking 1/Level 2	9-12,30,31 /Y	VO	1.0	BLDG CONS@7	7	G
					CAB WOODW@7	7	G
					CARPENTRY@7	7	G
					TEC CONST@7	7	G
8104420	CABINETMAKING 2 Cabinetmaking 2/Level 2	9-12,30,31 /Y	PA	1.0	BLDG CONS@7	7	G
					CAB WOODW@7	7	G
					CARPENTRY@7	7	G
					TEC CONST@7	7	G
8104430	CABINETMAKING 3 Cabinetmaking 3/Level 3	9-12,30,31 /Y	VO	1.0	BLDG CONS@7	7	G
					CAB WOODW@7	7	G
					CARPENTRY@7	7	G
					TEC CONST@7	7	G
8720140	CABINETMAKING 4 Cabinetmaking 4/Level 2	9-12,30,31 /Y	VO	1.0	BLDG CONS@7	7	G
					CAB WOODW@7	7	G
					CARPENTRY@7	7	G
					TEC CONST@7	7	G
8720150	CABINETMAKING 5 Cabinetmaking 5/Level 2	9-12,30,31 /Y	VO	1.0	BLDG CONS@7	7	G
					CAB WOODW@7	7	G
					CARPENTRY@7	7	G
					TEC CONST@7	7	G
^a I480704	^a CABINETMAKING Cabinetmaking	30,31 /					
BCV0107	CARPENTER HELPER Carpenter Helper	9-12,30,31 /Y	PA	2.0	BLDG CONS@7	7	G
					CAB WOODW@7	7	G
					CARPENTRY@7	7	G
					TEC CONST@7	7	G
BCV0235	CABINET FINISHER Cabinet Finisher	9-12,30,31 /Y	VO	1.0	BLDG CONS@7	7	G
					CAB WOODW@7	7	G
					CARPENTRY@7	7	G
					TEC CONST@7	7	G
BCV0240	CABINET ASSEMBLER Cabinet Assembler	9-12,30,31 /Y	VO	2.0	BLDG CONS@7	7	G
					CAB WOODW@7	7	G
					CARPENTRY@7	7	G
					TEC CONST@7	7	G

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
BCV0243	CABINETMAKER Cabinetmaker	9-12,30,31 /Y	VO	3.0	BLDG CONS@7 7 G CAB WOODW@7 7 G CARPENTRY@7 7 G TEC CONST@7 7 G
C410400	CABINETMAKING Cabinetmaking	30,31 /			
BCV0200	CABINETMAKER HELPER Cabinetmaker Helper	9-12,30,31 /Y	VO	2.0	BLDG CONS@7 7 G CAB WOODW@7 7 G CARPENTRY@7 7 G TEC CONST@7 7 G
BCV0235	CABINET FINISHER Cabinet Finisher	9-12,30,31 /Y	VO	1.0	BLDG CONS@7 7 G CAB WOODW@7 7 G CARPENTRY@7 7 G TEC CONST@7 7 G
BCV0240	CABINET ASSEMBLER Cabinet Assembler	9-12,30,31 /Y	VO	2.0	BLDG CONS@7 7 G CAB WOODW@7 7 G CARPENTRY@7 7 G TEC CONST@7 7 G
BCV0243	CABINETMAKER Cabinetmaker	9-12,30,31 /Y	VO	3.0	BLDG CONS@7 7 G CAB WOODW@7 7 G CARPENTRY@7 7 G TEC CONST@7 7 G
^a 8722100	^a CARPENTRY Carpentry	9-12,30,31 /			
^a 8722110	^a CARP & CAB MAKING 1 Carpentry and Cabinetmaking 1/Level 2	9-12,30,31 /Y	VO	1.0	
^a 8722120	^a CARP & CAB MAKING 2 Carpentry and Cabinetmaking 2/Level 2	9-12,30,31 /Y	VO	1.0	
^a 8722130	^a CARP & CAB MAKING 3 Carpentry and Cabinetmaking 3/Level 3	9-12,30,31 /Y	VO	1.0	
^a 8722140	^a CARPENTRY 4 Carpentry 4/Level 3	9-12,30,31 /Y	VO	1.0	BLDG CONS@7 7 G CAB WOODW@7 7 G CARPENTRY@7 7 G TEC CONST@7 7 G
^a 8722150	^a CARPENTRY 5 Carpentry 5/Level 3	9-12,30,31 /Y	VO	1.0	BLDG CONS@7 7 G CAB WOODW@7 7 G CARPENTRY@7 7 G TEC CONST@7 7 G
^a 8722160	^a CARPENTRY 6 Carpentry 6/Level 3	9-12,30,31 /Y	VO	1.0	BLDG CONS@7 7 G CAB WOODW@7 7 G CARPENTRY@7 7 G TEC CONST@7 7 G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
^a 8722170	^a CARPENTRY 7 Carpentry 7/Level 3	9-12,30,31 /Y	VO	1.0	BLDG CONS@7 7 G CAB WOODW@7 7 G CARPENTRY@7 7 G TEC CONST@7 7 G
^a 8104500	^a CARPENTRY Carpentry	9-12,30,31 /			
8104510	CARPENTRY 1 Carpentry 1/Level 2	9-12,30,31 /Y	VO	1.0	BLDG CONS@7 7 G CAB WOODW@7 7 G CARPENTRY@7 7 G TEC CONST@7 7 G
^a 8104520	^a CARPENTRY 2 Carpentry 2/Level 2	9-12,30,31 /Y	PA	1.0	BLDG CONS@7 7 G CAB WOODW@7 7 G CARPENTRY@7 7 G TEC CONST@7 7 G
^a 8104530	^a CARPENTRY 3 Carpentry 3/Level 3	9-12,30,31 /Y	VO	1.0	BLDG CONS@7 7 G CAB WOODW@7 7 G CARPENTRY@7 7 G TEC CONST@7 7 G
^a 8722140	^a CARPENTRY 4 Carpentry 4/Level 3	9-12,30,31 /Y	VO	1.0	BLDG CONS@7 7 G CAB WOODW@7 7 G CARPENTRY@7 7 G TEC CONST@7 7 G
^a 8722150	^a CARPENTRY 5 Carpentry 5/Level 3	9-12,30,31 /Y	VO	1.0	BLDG CONS@7 7 G CAB WOODW@7 7 G CARPENTRY@7 7 G TEC CONST@7 7 G
^a 8722160	^a CARPENTRY 6 Carpentry 6/Level 3	9-12,30,31 /Y	VO	1.0	BLDG CONS@7 7 G CAB WOODW@7 7 G CARPENTRY@7 7 G TEC CONST@7 7 G
^a 8722170	^a CARPENTRY 7 Carpentry 7/Level 3	9-12,30,31 /Y	VO	1.0	BLDG CONS@7 7 G CAB WOODW@7 7 G CARPENTRY@7 7 G TEC CONST@7 7 G
^a 8104300	CARPENTRY Carpentry	9-12,30,31 /			
8104310	CARPENTRY FUNDS Carpentry Fundamentals/Level 2	9-12,30,31 /Y	VO	1.0	BLDG CONS@7 7 G CAB WOODW@7 7 G CARPENTRY@7 7 G TEC CONST@7 7 G

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION		
8104320	CARPENTRY LAYOUT Carpentry Layout/Level 2	9-12,30,31 /Y	VO	1.0	BLDG CONS@7	7	G
					CAB WOODW@7	7	G
					CARPENTRY@7	7	G
					TEC CONST@7	7	G
8104330	CARPENTRY FRAMING Carpentry Framing/Level 3	9-12,30,31 /Y	VO	1.0	BLDG CONS@7	7	G
					CAB WOODW@7	7	G
					CARPENTRY@7	7	G
					TEC CONST@7	7	G
8104340	CARPENTRY EXTERIOR Carpentry Exterior/Level 3	9-12,30,31 /Y	VO	1.0	BLDG CONS@7	7	G
					CAB WOODW@7	7	G
					CARPENTRY@7	7	G
					TEC CONST@7	7	G
8104350	CARPENTRY FINISH Carpentry Finish/Level 3	9-12,30,31 /Y	VO	1.0	BLDG CONS@7	7	G
					CAB WOODW@7	7	G
					CARPENTRY@7	7	G
					TEC CONST@7	7	G
^a I460202	^a CARPENTRY Carpentry	30,31 /					
BCV0107	CARPENTER HELPER Carpenter Helper	9-12,30,31 /Y	PA	2.0	BLDG CONS@7	7	G
					CAB WOODW@7	7	G
					CARPENTRY@7	7	G
					TEC CONST@7	7	G
BCV0111	TRIM & FINISH CARP Trim and Finish Carpentry	9-12,30,31 /Y	VO	2.0	BLDG CONS@7	7	G
					CAB WOODW@7	7	G
					CARPENTRY@7	7	G
					TEC CONST@7	7	G
BCV0122	ROUGH FRAME CARP Rough Framing Carpentry	9-12,30,31 /Y	VO	3.0	BLDG CONS@7	7	G
					CAB WOODW@7	7	G
					CARPENTRY@7	7	G
					TEC CONST@7	7	G
BCV0128	CARPENTER Carpenter	9-12,30,31 /Y	VO	1.0	BLDG CONS@7	7	G
					CAB WOODW@7	7	G
					CARPENTRY@7	7	G
					TEC CONST@7	7	G
^a C510300	^a CARPENTRY Carpentry	30,31 /					
BCV0112	INTRO TO CARPENTRY Introduction to Carpentry	9-12,30,31 /Y	VO	1.0	BLDG CONS@7	7	G
					CAB WOODW@7	7	G
					CARPENTRY@7	7	G
					TEC CONST@7	7	G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION		
BCV0122	ROUGH FRAME CARP Rough Framing Carpentry	9-12,30,31 /Y	VO	3.0	BLDG CONS@7	7	G
					CAB WOODW@7	7	G
					CARPENTRY@7	7	G
					TEC CONST@7	7	G
BCV0125	FINISH TRIM CARP Finish Trim Carpentry	9-12,30,31 /Y	VO	3.0	BLDG CONS@7	7	G
					CAB WOODW@7	7	G
					CARPENTRY@7	7	G
					TEC CONST@7	7	G
BCV0123	FOUND/FORM CARP Foundation and Form Carpentry	9-12,30,31 /Y	VO	1.0	BLDG CONS@7	7	G
					CAB WOODW@7	7	G
					CARPENTRY@7	7	G
					TEC CONST@7	7	G
^a C510100	^a CARPENTRY 1 Carpentry 1	30,31 /					
BCV0107	CARPENTER HELPER Carpenter Helper	9-12,30,31 /Y	PA	2.0	BLDG CONS@7	7	G
					CAB WOODW@7	7	G
					CARPENTRY@7	7	G
					TEC CONST@7	7	G
BCV0111	TRIM & FINISH CARP Trim and Finish Carpentry	9-12,30,31 /Y	VO	2.0	BLDG CONS@7	7	G
					CAB WOODW@7	7	G
					CARPENTRY@7	7	G
					TEC CONST@7	7	G
^a C510200	^a CARPENTRY 2 Carpentry 2	30,31 /					
BCV0122	ROUGH FRAME CARP Rough Framing Carpentry	9-12,30,31 /Y	VO	3.0	BLDG CONS@7	7	G
					CAB WOODW@7	7	G
					CARPENTRY@7	7	G
					TEC CONST@7	7	G
BCV0128	CARPENTER Carpenter	9-12,30,31 /Y	VO	1.0	BLDG CONS@7	7	G
					CAB WOODW@7	7	G
					CARPENTRY@7	7	G
					TEC CONST@7	7	G
I460314	ELECTRICIAN Electrician	30,31 /					
BCV0603	ELECTRICIAN HELPER Electrician Helper	9-12,30,31 /Y	VO	2.0	ELECTRICA@7	7	G
					IND ENGR 7	G	
					ENG&TEC ED1	@2	
BCV0640	RES ELECTRICIAN Residential Electrician	9-12,30,31 /Y	VO	3.0	ELECTRICA@7	7	G
BCV0652	COMM ELECTRICIAN Commercial Electrician	9-12,30,31 /Y	VO	3.0	ELECTRICA@7	7	G

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	REQUIREMENTS	CREDIT	CERTIFICATION
BCV0667	INDUST ELECTRICIAN Industrial Electrician	9-12,30,31 /Y	VO	2.0	ELECTRICA@7 7 G
8727200	ELECTRICITY Electricity	9-12,30,31 /			
8727210	ELECTRICITY 1 Electricity 1/Level 2	9-12,30,31 /Y	VO	1.0	ELECTRICA@7 7 G IND ENGR 7 G ENG&TEC ED1 @2
8727220	ELECTRICITY 2 Electricity 2/Level 2	9-12,30,31 /Y	VO	1.0	ELECTRICA@7 7 G IND ENGR 7 G ENG&TEC ED1 @2
8727230	ELECTRICITY 3 Electricity 3/Level 3	9-12,30,31 /Y	VO	1.0	ELECTRICA@7 7 G
8727240	ELECTRICITY 4 Electricity 4/Level 3	9-12,30,31 /Y	VO	1.0	ELECTRICA@7 7 G
8727250	ELECTRICITY 5 Electricity 5/Level 3	9-12,30,31 /Y	VO	1.0	ELECTRICA@7 7 G
8727260	ELECTRICITY 6 Electricity 6/Level 3	9-12,30,31 /Y	VO	1.0	ELECTRICA@7 7 G
8727270	ELECTRICITY 7 Electricity 7/Level 3	9-12,30,31 /Y	VO	1.0	ELECTRICA@7 7 G
8727280	ELECTRICITY 8 Electricity 8/Level 3	9-12,30,31 /Y	VO	1.0	ELECTRICA@7 7 G
I460312	ELECTRICITY Electricity	30,31 /			
BCV0603	ELECTRICIAN HELPER Electrician Helper	9-12,30,31 /Y	VO	2.0	ELECTRICA@7 7 G IND ENGR 7 G ENG&TEC ED1 @2
BCV0640	RES ELECTRICIAN Residential Electrician	9-12,30,31 /Y	VO	3.0	ELECTRICA@7 7 G
BCV0652	COMM ELECTRICIAN Commercial Electrician	9-12,30,31 /Y	VO	3.0	ELECTRICA@7 7 G
I460514	INDUST PIPEFITTER Industrial Pipefitter	30,31 /			
BCV0568	INDUST PIPEFIT HLP Industrial Pipefitter Helper	9-12,30,31 /Y	VO	2.0	BLDG CONS@7 7 G PLUMBIN @7 7 G TEC CONST@G
BCV0569	INDUST PIPEFITTER Industrial Pipefitter	9-12,30,31 /Y	VO	2.0	BLDG CONS@7 7 G PLUMBIN @7 7 G TEC CONST@G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS		CREDIT	CERTIFICATION
8721500	PAINT & DECORATING Painting and Decorating	9-12,30,31 /				
8721510	PAINTING 1 Painting 1/Level 2	9-12,30,31 /Y	VO	1.0	BLDG CONS17 1G PAINTING 7 G TEC CONST17 1G	
8721520	PAINTING 2 Painting 2/Level 2	9-12,30,31 /Y	VO	1.0	BLDG CONS17 1G PAINTING 7 G TEC CONST17 1G	
8721530	PAINTING 3 Painting 3/Level 2	9-12,30,31 /Y	PA	1.0	BLDG CONS17 1G PAINTING 7 G TEC CONST17 1G	
8721540	PAINTING 4 Painting 4/Level 2	9-12,30,31 /Y	VO	1.0	BLDG CONS17 1G PAINTING 7 G TEC CONST17 1G	
I460408	PAINT & DECORATING Painting and Decorating	30,31 /				
BCV0164	PAINT & PAPER HANG 1 Painter and Paper Hanger 1	9-12,30,31 /Y	VO	2.0	BLDG CONS17 1G PAINTING 7 G TEC CONST17 1G	
BCV0165	PAINT & PAPER HANG 2 Painter and Paper Hanger 2	9-12,30,31 /Y	VO	2.0	BLDG CONS17 1G PAINTING 7 G TEC CONST17 1G	
8105500	PLUMBING Plumbing	9-12,30,31 /				
8721610	PLUMBING TECH 1 Plumbing Technology 1/Level 2	9-12,30,31 /Y	VO	1.0	BLDG CONS17 1G PLUMBIN @7 7 G TEC CONST17 1G	
8721620	PLUMBING TECH 2 Plumbing Technology 2/Level 2	9-12,30,31 /Y	VO	1.0	BLDG CONS17 1G PLUMBIN @7 7 G TEC CONST17 1G	
8721630	PLUMBING TECH 3 Plumbing Technology 3/Level 2	9-12,30,31 /Y	VO	1.0	BLDG CONS17 1G PLUMBIN @7 7 G TEC CONST17 1G	
8721640	PLUMBING TECH 4 Plumbing Technology 4/Level 2	9-12,30,31 /Y	VO	1.0	BLDG CONS17 1G PLUMBIN @7 7 G TEC CONST17 1G	
C500500	PLUMBING Plumbing	30,31 /				
BCV0508	HLP, PLUMB, PIPEFIT Helper, Plumber, Pipefitter	9-12,30,31 /Y	VO	2.0	BLDG CONS17 1G PLUMBIN @7 7 G TEC CONST17 1G	

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
BCV0540	RESIDENTIAL PLUMBER Residential Plumber	9-12,30,31 /Y	VO	2.0	BLDG CONS17 11G PLUMBIN @7 7 G TEC CONST17 11G
BCV0562	COMMERCIAL PLUMBER Commercial Plumber	9-12,30,31 /Y	VO	2.0	BLDG CONS17 11G PLUMBIN @7 7 G TEC CONST17 11G
BCV0596	PLUMBING APPS Plumbing Applications	9-12,30,31 /Y	VO	1.5	BLDG CONS17 11G PLUMBIN @7 7 G TEC CONST17 11G
^a 8721600	^a PLUMBING TECHNOLOGY Plumbing Technology	9-12,30,31 /			
8721610	PLUMBING TECH 1 Plumbing Technology 1/Level 2	9-12,30,31 /Y	VO	1.0	BLDG CONS17 11G PLUMBIN @7 7 G TEC CONST17 11G
8721620	PLUMBING TECH 2 Plumbing Technology 2/Level 2	9-12,30,31 /Y	VO	1.0	BLDG CONS17 11G PLUMBIN @7 7 G TEC CONST17 11G
8721630	PLUMBING TECH 3 Plumbing Technology 3/Level 2	9-12,30,31 /Y	VO	1.0	BLDG CONS17 11G PLUMBIN @7 7 G TEC CONST17 11G
8721640	PLUMBING TECH 4 Plumbing Technology 4/Level 2	9-12,30,31 /Y	VO	1.0	BLDG CONS17 11G PLUMBIN @7 7 G TEC CONST17 11G
^a 8721650	^a PLUMBING TECH 5 Plumbing Technology 5/Level 2	9-12,30,31 /Y	VO	1.0	BLDG CONS17 11G PLUMBIN @7 7 G TEC CONST17 11G
^a 8721660	^a PLUMBING TECH 6 Plumbing Technology 6/Level 2	9-12,30,31 /Y	VO	1.0	BLDG CONS17 11G PLUMBIN @7 7 G TEC CONST17 11G
^a 8721670	^a PLUMBING TECH 7 Plumbing Technology 7/Level 2	9-12,30,31 /Y	VO	1.0	BLDG CONS17 11G PLUMBIN @7 7 G TEC CONST17 11G
^a I460513	^a PLUMBING TECHNOLOGY Plumbing Technology	30,31 /			
BCV0508	HLP, PLUMB, PIPEFIT Helper, Plumber, Pipefitter	9-12,30,31 /Y	VO	2.0	BLDG CONS17 11G PLUMBIN @7 7 G TEC CONST17 11G
BCV0540	RESIDENTIAL PLUMBER Residential Plumber	9-12,30,31 /Y	VO	2.0	BLDG CONS17 11G PLUMBIN @7 7 G TEC CONST17 11G

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			GRADUATION REQUIREMENTS							
BCV0562	COMMERCIAL PLUMBER Commercial Plumber	9-12,30,31 /Y	VO		2.0	BLDG CONST	17	17	G	
						PLUMBIN	@7	7		G
						TEC CONST	17	17	G	
BCV0592	PLUMBER Plumber	9-12,30,31 /Y	VO		1.0	BLDG CONST	17	17	G	
						PLUMBIN	@7	7		G
						TEC CONST	17	17	G	
I460103	TILE SETTING Tile Setting	30,31 /								
BCV0392	HARD TILE SETTER 1 Hard Tile Setter 1	9-12,30,31 /Y	VO		1.5	BLDG CONST	17	17	G	
						TEC CONST	17	17	G	
						TILE SET	7	7	G	
BCV0393	HARD TILE SETTER 2 Hard Tile Setter 2	9-12,30,31 /Y	VO		1.5	BLDG CONST	17	17	G	
						TEC CONST	17	17	G	
						TILE SET	7	7	G	
MAINTENANCE/OPERATIONS (ACPC)										
BC700100	ELECT SYS INT & AUTO Electronics Systems Integration and Automation	30,31 /								
EEV0240	ELECT SYSTEM TECH Electronics System Technician	30,31 /Y	VO		2.0	INFO TECH	7	7	G	
						ELECTRONI	@7	7		G
						TELCOM	7	7	G	
EEV0241	RES ELECT SYS TECH Residential Electronic Systems Technician	30,31 /Y	VO		2.0	INFO TECH	7	7	G	
						ELECTRONI	@7	7		G
						TELCOM	7	7	G	
EEV0242	COMM ELECT SYS TECH Commercial Electronic Systems Technician	30,31 /Y	VO		1.0	INFO TECH	7	7	G	
						ELECTRONI	@7	7		G
						TELCOM	7	7	G	
SUPPLEMENTAL PROGRAMS										
8700400	ARCH & CONSTRC - OJT Architecture and Construction Cooperative Education - OJT	9-12,30,31 /M	VO	MULTIPLE	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE					
8700100	ARCH & CONST DS Architecture and Construction Education Directed Study	11-12,30,31/M	VO	MULTIPLE	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE					
8130300	FUND OF ARCH & CONST Fundamentals of Architecture and Construction	6-8 /S			BLDG CONST	@7	7	G	BLDG MAINT	@7 7 G
					DRAFTING	@7	7	G	ENG&TEC ED	1 @2
8799990	INDUS ED TRAN Industrial Education Transfer	9-12,30,31 /			NA					
I000000	INDUS ED TRANSFER Industrial Education Transfer	30,31 /			NA					

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8109350	INTRO ARCH & CONST Introduction to Architecture and Construction	6-8	/S	BLDG CONST @7 7 G DRAFTING @7 7 G	BLDG MAINT @7 7 G ENG&TEC ED 1 @2
8109360	INTRO ARCH & CONS/CP Introduction to Architecture and Construction and Career Planning	6-8	/S	BLDG CONST @7 7 G DRAFTING @7 7 G	BLDG MAINT @7 7 G ENG&TEC ED 1 @2
APPRENTICESHIP PROGRAMS					
I47021R	AIR COND,REF,HT-APPR Air Conditioning, Refrigeration and Heating Technology-Apprenticeship	30,31	/		
I46311R	BRK & BLK MAS - APPR Brick and Block Masonry - Apprenticeship	30,31	/		
I46312R	BRK & TILE MASON-APPR Brick and Tile Masonry - Apprenticeship	30,31	/		
I46040R	BLDG CONST TECH-APPR Building Construction Technologies - Apprenticeship	30,31	/		
I46020R	CARPENTRY - APPR Carpentry - Apprenticeship	30,31	/		
I46042R	CMCL&INDUSINSUL-APPR Commercial and Industrial Insulation - Apprenticeship	30,31	/		
C10020R	DRAFTING APPR Drafting Apprenticeship	30,31	/		
I46032R	ELECTRICIAN - APPR Electrician - Apprenticeship	30,31	/		
C60010R	ELEV CONST MECH-APPR Elevator Constructor Mechanic - Apprenticeship	30,31	/		
I46051R	FIRE SPRI SYSS-APPR Fire Sprinkler System Technology-Apprenticeship	30,31	/		
I15050R	GEODETTIC COMP - APPR Geodetic Computator - Apprenticeship	30,31	/		
I46041R	GLAZING - APPR Glazing - Apprenticeship	30,31	/		
I46053R	INDUS PIPEFIT-APPR Industrial Pipefitter - Apprenticeship	30,31	/		
I46031R	Line Erector-APPR Line Erector - Apprenticeship	30,31	/		
I46043R	PAINT & DEC - APPR Painting and Decorating - Apprenticeship	30,31	/		
I46044R	PLASTERING - APPR Plastering - Apprenticeship	30,31	/		

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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I46052R	PLUMBING TECH-APPR Plumbing Technology - Apprenticeship	30,31	/		
I47020R	REFG TECH - APPR Refrigeration Technology - Apprenticeship	30,31	/		
I46049R	ROADWAY TECH-APPR Roadway Technician- Apprenticeship	30,31	/		
I46045R	ROOFING - APPR Roofing - Apprenticeship	30,31	/		
I48051R	STRUCT ST WK-APPR Structural Steel Worker - Apprenticeship	30,31	/		
I15020R	SUR & MAP TECH APPR Surveying and Mapping Technology - Apprenticeship	30,31	/		
I46993R	SWIM POOL MAINT-APPR Swimming Pool Maintenance - Apprenticeship	30,31	/		
I46010R	TILE SETTING - APPR Tile Setting - Apprenticeship	30,31	/		

ARTS, A/V TECHNOLOGY & COMMUNICATION CAREER CLUSTER

 AUDIO/VIDEO TECHNOLOGY & FILM CAREER PATH (ARPA)

8772300	DIGITAL AUDIO PROD Digital Audio Production	9-12,30,31	/						
8772310	DIGITAL AUDIO PROD 1 Digital Audio Production 1/Level 2	9-12,30,31	/Y	PA	1.0	TEC ELEC ¶7 ¶G ENG&TEC ED1 @2 TV PRO TE@7 7	G		
8772320	DIGITAL AUDIO PROD 2 Digital Audio Production 2/Level 2	9-12,30,31	/Y	PA	1.0	TEC ELEC ¶7 ¶G ENG&TEC ED1 @2 TV PRO TE@7 7	G		
8772330	DIGITAL AUDIO PROD 3 Digital Audio Production 3/Level 2	9-12,30,31	/Y	PA	1.0	TEC ELEC ¶7 ¶G ENG&TEC ED1 @2 TV PRO TE@7 7	G		
8772340	DIGITAL AUDIO PROD 4 Digital Audio Production 4/Level 2	9-12,30,31	/Y	PA	1.0	TEC ELEC ¶7 ¶G ENG&TEC ED1 @2 TV PRO TE@7 7	G		
8772350	DIGITAL AUDIO PROD 5 Digital Audio Production 5/Level 2	9-12,30,31	/Y	PA	1.0	TEC ELEC ¶7 ¶G ENG&TEC ED1 @2 TV PRO TE@7 7	G		

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8772360	DIGITAL AUDIO PROD 6 Digital Audio Production 6/Level 2	9-12,30,31 /Y	PA	1.0	TEC ELEC ¶7 ¶G ENG&TEC ED1 @2 TV PRO TE@7 7 G
8772370	DIGITAL AUDIO PROD 7 Digital Audio Production 7/Level 2	9-12,30,31 /Y	PA	1.0	TEC ELEC ¶7 ¶G ENG&TEC ED1 @2 TV PRO TE@7 7 G
I100230	DIGITAL AUDIO PROD Digital Audio Production	30,31 /			
RTT0522	BROADCAST ANNOUNCER Broadcast Announcer	9-12,30,31 /Y	PA	1.0	TEC ELEC ¶7 ¶G ENG&TEC ED1 @2 TV PRO TE@7 7 G
RTT0523	AUDIO EQUIPMENT TECH Audio Equipment Technician	9-12,30,31 /Y	PA	2.0	TEC ELEC ¶7 ¶G ENG&TEC ED1 @2 TV PRO TE@7 7 G
RTT0524	SOUND ENGINEER TECH Sound Engineering Technician	9-12,30,31 /Y	PA	2.0	TEC ELEC ¶7 ¶G ENG&TEC ED1 @2 TV PRO TE@7 7 G
RTT0527	AUDIO BROADCAST TECH Audio Broadcast Technician	9-12,30,31 /Y	PA	2.0	TEC ELEC ¶7 ¶G ENG&TEC ED1 @2 TV PRO TE@7 7 G
8201000	DIGITAL CINEMA PROD Digital Cinema Production	9-12,30,31 /			
8201010	DIG CINEMA PROD 1 Digital Cinema Production 1/Level 2	9-12,30,31 /Y	VO	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G
8201020	DIG CINEMA PROD 2 Digital Cinema Production 2/Level 2	9-12,30,31 /Y	VO	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G
8201030	DIG CINEMA PROD 3 Digital Cinema Production 3/Level 2	9-12,30,31 /Y	VO	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G
8201040	DIG CINEMA PROD 4 Digital Cinema Production 4/Level 2	9-12,30,31 /Y	VO	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G
8201050	DIG CINEMA PROD 5 Digital Cinema Production 5/Level 2	9-12,30,31 /Y	VO	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G
8201060	DIG CINEMA PROD 6 Digital Cinema Production 6/Level 2	9-12,30,31 /Y	VO	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G
8201070	DIG CINEMA PROD 7 Digital Cinema Production 7/Level 2	9-12,30,31 /Y	VO	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G
K100100	DIGITAL CINEMA PROD Digital Cinema Production	30,31 /			

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	COURSES MEETING	CERTIFICATION
FIL0085	VIDEO PROD MGR Video Production Manager	9-12,30,31 /Y	VO	2.0	ENG&TEC ED1 @2 TV PRO TE@7 7	G
FIL0086	GRIP & LIGHT TECH Grip and Lighting Technician	9-12,30,31 /Y	VO	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7	G
FIL0087	MP PROJ/DIG CINEMA Motion Picture Projectionists/Digit al Cinematographer	9-12,30,31 /Y	VO	2.0	ENG&TEC ED1 @2 TV PRO TE@7 7	G
FIL0088	DIG VIDEO EDITOR Digital Video Editor	9-12,30,31 /Y	VO	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7	G
FIL0089	VISUAL EFFECTS ART Visual Effects Artist	9-12,30,31 /Y	VO	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7	G
8201200	DIG MEDIA/MM DESIGN Digital Media/Multimedia Design	9-12,30,31 /				
8201210	DIG MEDIA/MM FOUND 1 Digital Media/Multimedia Foundations 1/Level 2	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 COMM ART @7 7 COMPU SCI 6 DIGI MEDIA7 G PRINTING @7 7 SECRETAR 7 G ENG&TEC ED1 @2 TEC ELEC @7 TV PRO TE@7 7 VOE @7	G
8201220	DIG MEDIA/MM FOUND 2 Digital Media/Multimedia Foundations 2/Level 2	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 COMM ART @7 7 COMPU SCI 6 DIGI MEDIA7 G PRINTING @7 7 SECRETAR 7 G ENG&TEC ED1 @2 TEC ELEC @7 TV PRO TE@7 7 VOE @7	G
8201230	DIG MEDIA/MM FOUND 3 Digital Media/Multimedia Foundations 3/Level 3	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMM ART @7 7 COMPU SCI 6 DIGI MEDIA7 G PRINTING @7 7 SECRETAR 7 G ENG&TEC ED1 @2 TEC ELEC @7 TV PRO TE@7 7 VOE @7	G

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8201240	DIG MEDIA/MM FOUND 4 Digital Media/Multimedia Foundations 4/Level 3	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 DIGI MEDIA7 G PRINTING @7 7 G SECRETAR 7 G ENG&TEC ED1 @2 TEC ELEC @7 TV PRO TE@7 7 G VOE @7
8201250	DIG MEDIA/MM FOUND 5 Digital Media/Multimedia Foundations 5/Level 3	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 DIGI MEDIA7 G PRINTING @7 7 G SECRETAR 7 G ENG&TEC ED1 @2 TEC ELEC @7 TV PRO TE@7 7 G VOE @7
8201260	DIG MEDIA/MM FOUND 6 Digital Media/Multimedia Foundations 6/Level 3	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 DIGI MEDIA7 G PRINTING @7 7 G SECRETAR 7 G ENG&TEC ED1 @2 TEC ELEC @7 TV PRO TE@7 7 G VOE @7
8201270	DIG MEDIA/MM FOUND 7 Digital Media/Multimedia Foundations 7/Level 3	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 COMM ART 7 G COMPU SCI 6 DIGI MEDIA7 G PRINTING @7 7 G SECRETAR 7 G ENG&TEC ED1 @2 TEC ELEC @7 TV PRO TE@7 7 G VOE @7
K100200	DIG MEDIA/MM DESIGN Digital Media/Multimedia Design	30,31 /			

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH		GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
DIG0081	THEORY & FOUND DSN Theory and Foundations of Design	30,31	/	PA	1.0	BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 DIGI MEDIA7 G PRINTING @7 7 G SECRETAR 7 G ENG&TEC ED1 @2 TEC ELEC @7 TV PRO TE@7 7 G VOE @7
DIG0082	MM DIGITAL/PRINT DSN Multimedia Digital/Print Designer	30,31	/	PA	2.0	BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 DIGI MEDIA7 G PRINTING @7 7 G SECRETAR 7 G ENG&TEC ED1 @2 TEC ELEC @7 TV PRO TE@7 7 G VOE @7
DIG0083	MM WEB INTERACTIVE Multimedia Web Interactive Designer	30,31	/	PA	2.0	BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 DIGI MEDIA7 G PRINTING @7 7 G SECRETAR 7 G ENG&TEC ED1 @2 TEC ELEC @7 TV PRO TE@7 7 G VOE @7
DIG0084	MM PRODUCER DESIGN Multimedia Integrated Producer Designer	30,31	/	PA	2.0	BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 DIGI MEDIA7 G PRINTING @7 7 G SECRETAR 7 G ENG&TEC ED1 @2 TEC ELEC @7 TV PRO TE@7 7 G VOE @7
8201300	DIGITAL PHOTO TECH Digital Photography Technology	9-12,30,31	/			
8201310	DIG PHOTOGRAPHY 1 Digital Photography 1/Level 2	9-12,30,31	/Y	PA	1.0	PHOTOG @7 7 G
8201320	DIG PHOTOGRAPHY 2 Digital Photography 2/Level 2	9-12,30,31	/Y	VO	1.0	PHOTOG @7 7 G

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	REQUIREMENTS	CREDIT	CERTIFICATION
8201330	DIG PHOTOGRAPHY 3 Digital Photography 3/Level 2	9-12,30,31 /Y	PA	1.0	PHOTOG @7 7 G
8201340	DIG PHOTOGRAPHY 4 Digital Photography 4/Level 2	9-12,30,31 /Y	PA	1.0	PHOTOG @7 7 G
8201350	DIG PHOTOGRAPHY 5 Digital Photography 5/Level 2	9-12,30,31 /Y	PA	1.0	PHOTOG @7 7 G
8201360	DIG PHOTOGRAPHY 6 Digital Photography 6/Level 2	9-12,30,31 /Y	VO	1.0	PHOTOG @7 7 G
8201370	DIG PHOTOGRAPHY 7 Digital Photography 7/Level 2	9-12,30,31 /Y	PA	1.0	PHOTOG @7 7 G
K100300	DIGITAL PHOTO TECH Digital Photography Technology	30,31 /			
PGY0190	PHOTOGRAPHIC SPEC Photographic Specialist	30,31 /Y	PA	1.0	PHOTOG @7 7 G
PGY0191	PHOTOGRAPHY TECH Photography Technician	30,31 /Y	PA	2.0	PHOTOG @7 7 G
PGY0192	STUDIO PHOTOGRAPHER Studio Photographer	30,31 /Y	PA	2.0	PHOTOG @7 7 G
PGY0193	DIGITAL PHOTOGRAPHER Digital Photographer	30,31 /Y	PA	2.0	PHOTOG @7 7 G
^a 8772400	^a DIGITAL VIDEO PROD Digital Video Production	9-12,30,31 /			
8772410	DIGITAL VIDEO PROD 1 Digital Video Production 1/Level 3	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 TEC ELEC ¶7 ¶G G
8772420	DIGITAL VIDEO PROD 2 Digital Video Production 2/Level 3	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 TEC ELEC ¶7 ¶G G
8772430	DIGITAL VIDEO PROD 3 Digital Video Production 3/Level 3	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 TEC ELEC ¶7 ¶G G
8772440	DIGITAL VIDEO PROD 4 Digital Video Production 4/Level 3	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 TEC ELEC ¶7 ¶G G
8772450	DIGITAL VIDEO PROD 5 Digital Video Production 5/Level 3	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 TEC ELEC ¶7 ¶G G

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	REQUIREMENTS	CREDIT	CERTIFICATION
8772460	DIGITAL VIDEO PROD 6 Digital Video Production 6/Level 3	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G TEC ELEC ¶7 ¶G
^a 8772470	^a DIGITAL VIDEO PROD 7 Digital Video Production 7/Level 2	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TEC ELEC ¶7 ¶G TV PRO TE@7 7 G
^a 8772480	^a DIGITAL VIDEO PROD 8 Digital Video Production 8/Level 2	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TEC ELEC ¶7 ¶G TV PRO TE@7 7 G
^a 8772490	^a DIGITAL VIDEO PROD 9 Digital Video Production 9/Level 2	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TEC ELEC ¶7 ¶G TV PRO TE@7 7 G
^a 8772491	^a DIGITAL VID PROD 10 Digital Video Production 10/Level 2	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TEC ELEC ¶7 ¶G TV PRO TE@7 7 G
^a I100240	^a DIGITAL VIDEO PROD Digital Video Production	30,31 /			
RTT0530	DIG VIDEO FUND Digital Video Fundamentals	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TEC ELEC ¶7 ¶G TV PRO TE@7 7 G
RTT0531	AUD/VID EQUIP TECH Audio and Video Equipment Technician	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TEC ELEC ¶7 ¶G TV PRO TE@7 7 G
RTT0532	CAMERA OPERATOR Camera Operator	9-12,30,31 /Y	PA	2.0	ENG&TEC ED1 @2 TEC ELEC ¶7 ¶G TV PRO TE@7 7 G
RTT0533	VIDEO EDITOR Video Editor	9-12,30,31 /Y	PA	2.0	ENG&TEC ED1 @2 TEC ELEC ¶7 ¶G TV PRO TE@7 7 G
RTT0534	MM ARTIST & ANIMATOR Multi-media Artist and Animator	9-12,30,31 /Y	PA	2.0	ENG&TEC ED1 @2 TEC ELEC ¶7 ¶G TV PRO TE@7 7 G
RTT0525	BROADCAST TECH Broadcast Technician	9-12,30,31 /Y	PA	2.0	ENG&TEC ED1 @2 TEC ELEC ¶7 ¶G TV PRO TE@7 7 G
8201400	DIGITAL VIDEO TECH Digital Video Technology	9-12,30,31 /			
8201410	DIGITAL VIDEO TECH 1 Digital Video Technology 1/Level 3	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	REQUIREMENTS	CREDIT	CERTIFICATION
8201420	DIGITAL VIDEO TECH 2 Digital Video Technology 2/Level 3	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G
8201430	DIGITAL VIDEO TECH 3 Digital Video Technology 3/Level 3	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G
8201440	DIGITAL VIDEO TECH 4 Digital Video Technology 4/Level 3	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G
8201450	DIGITAL VIDEO TECH 5 Digital Video Technology 5/Level 3	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G
8201460	DIGITAL VIDEO TECH 6 Digital Video Technology 6/Level 3	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G
K100400	DIGITAL VIDEO TECH Digital Video Technology	30,31 /			
RTV0015	DIGITAL VIDEOGRAPHY Digital Videography	9-12,30,31 /Y	PA	3.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G
RTV0016	DIGITAL AV TECH Digital Audio-Video Technology	9-12,30,31 /Y	PA	2.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G
RTV0017	DIGITAL VIDEO DIRECT Digital Video Direction and Production	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G
^a 8772200	^a FILM PDCT EQ OPERAT Film Production Equipment Operations	9-12,30,31 /			
8772210	FILM PDCT EQ OPERAT1 Film Production Equipment Operations 1/Level 2	9-12,30,31 /Y	PA	1.0	TEC ELEC @7 7 G TV PRO TE@7 7 G
8772220	FILM PDCT EQ OPERAT2 Film Production Equipment Operations 2/Level 2	9-12,30,31 /Y	VO	1.0	TEC ELEC @7 7 G TV PRO TE@7 7 G
8772230	FILM PDCT EQ OPERAT3 Film Production Equipment Operations 3/Level 2	9-12,30,31 /Y	VO	1.0	TEC ELEC @7 7 G TV PRO TE@7 7 G
8772240	FILM PDCT EQ OPERAT4 Film Production Equipment Operations 4/Level 2	9-12,30,31 /Y	VO	1.0	TEC ELEC @7 7 G TV PRO TE@7 7 G
8772250	FILM PDCT EQ OPERAT5 Film Production Equipment Operations 5/Level 2	9-12,30,31 /Y	VO	1.0	TEC ELEC @7 7 G TV PRO TE@7 7 G
8772260	FILM PDCT EQ OPERAT6 Film Production Equipment Operations 6/Level 2	9-12,30,31 /Y	VO	1.0	TEC ELEC @7 7 G TV PRO TE@7 7 G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	COURSES MEETING		
					CERTIFICATION		
8772270	FILM PDCT EQ OPERAT7 Film Production Equipment Operations 7/Level 2	9-12,30,31 /Y	VO	1.0	TEC ELEC @7	7	G
					TV PRO TE@7	7	G
8772280	FILM PDCT EQ OPERAT8 Film Production Equipment Operations 8/Level 2	9-12,30,31 /Y	VO	1.0	TEC ELEC @7	7	G
					TV PRO TE@7	7	G
8772290	FILM PDCT EQ OPERAT9 Film Production Equipment Operations 9/Level 2	9-12,30,31 /Y	VO	1.0	TEC ELEC @7	7	G
					TV PRO TE@7	7	G
8772291	FILM PDCT EQ OPERA10 Film Production Equipment Operations 10/Level 2	9-12,30,31 /Y	VO	1.0	TEC ELEC @7	7	G
					TV PRO TE@7	7	G
8772292	FILM PDCT EQ OPERA11 Film Production Equipment Operations 11/Level 2	9-12,30,31 /Y	VO	1.0	TEC ELEC @7	7	G
					TV PRO TE@7	7	G
K200200	STAGE PRODUCTION Stage Production	30,31 /					
TPA0390	STAGE PROD ASST Stage Production Assistant	30,31 /Y	VO	1.0	BLDG CONS@7	7	G
					ELECTRICA@7	7	G
					TEC CONST@7	7	G
					ENG&TEC ED1 @2		
TPA0391	STAGE PROD TECH Stage Production Technician	30,31 /Y	VO	1.0	BLDG CONS@7	7	G
					ELECTRICA@7	7	G
					TEC CONST@7	7	G
					ENG&TEC ED1 @2		
8718100	3-D ANIMATION TECH 3-D Animation Technology	9-12,30,31 /					
8718110	3-D ANIMATION TECH 1 3-D Animation Technology 1/Level 2	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2		
					COMM ART @7	7	G
					COMPU SCI 6		
					ELECT DP @7	%G	
					TEC ELEC \$7	G	
					TV PRO TE@7	7	G
8718120	3-D ANIMATION TECH 2 3-D Animation Technology 2/Level 2	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2		
					COMM ART @7	7	G
					COMPU SCI 6		
					ELECT DP @7	%G	
					TEC ELEC \$7	G	
					TV PRO TE@7	7	G

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8718130	3-D ANIMATION TECH 3 3-D Animation Technology 3/Level 2	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 ELECT DP @7 %G TEC ELEC \$7 G TV PRO TE@7 7 G
8718140	3-D ANIMATION TECH 4 3-D Animation Technology 4/Level 2	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 ELECT DP @7 %G TEC ELEC \$7 G TV PRO TE@7 7 G
8718150	3-D ANIMATION TECH 5 3-D Animation Technology 5/Level 2	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 ELECT DP @7 %G TEC ELEC \$7 G TV PRO TE@7 7 G
8718160	3-D ANIMATION TECH 6 3-D Animation Technology 6/Level 2	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 ELECT DP @7 %G TEC ELEC \$7 G TV PRO TE@7 7 G
8718170	3-D ANIMATION TECH 7 3-D Animation Technology 7/Level 2	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 ELECT DP @7 %G TEC ELEC \$7 G TV PRO TE@7 7 G
I480200	3-D ANIMATION TECH 3-D Animation Technology	30,31 /			
DIG0060	3-D ANI PROD ASST 3-D Animation Production Assistant	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 ELECT DP @7 %G TEC ELEC \$7 G TV PRO TE@7 7 G
DIG0061	MODELER Modeler	9-12,30,31 /Y	PA	2.0	BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 ELECT DP @7 %G TEC ELEC \$7 G TV PRO TE@7 7 G

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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DIG0062	TEXTURE ARTIST/RIG Texture Artist/Rigger	9-12,30,31 /Y	PA	2.0	BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 ELECT DP @7 %G TEC ELEC \$7 G TV PRO TE@7 7 G
DIG0063	ANI/MOTION CAP TECH Animation/Motion Capture Technician	9-12,30,31 /Y	PA	2.0	BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 ELECT DP @7 %G TEC ELEC \$7 G TV PRO TE@7 7 G

JOURNALISM & BROADCASTING CAREER PATH (ARPB)

^ 8771100	JOURNALISM Journalism	9-12,30,31 /			
1006300	JOURN 1 Journalism 1	/Y	PA	1.0	ENGLISH 1 JOURNALIS@1 MG ENG C
8771110	INDUSTRIAL COMM Industrial Communications/Level 2	9-12,30,31 /Y	PA	1.0	TV PRO TE@7 7 G PHOTOG @7 7 G COMM ART @7 7 G MG ENG \$C BUS ED \$1 \$2 \$4 ENGLISH 1 @2 @4 JOURNALISM1 @2 @4
8209510	DIGITAL DESIGN 1 Digital Design 1/Level 2	9-12,3031 /Y	PA	1.0	BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 @2 MANAG SUPV7 G SECRETAR 7 G STENO@4 @7 TC COOP E@7 ELECT DP @7 R ENG&TEC ED1 @2
8207110	WEB DESIGN 1 Web Design 1/Level 2	9-12,3031 /Y	PA	1.0	BUS ED 1 @2 VOE @7 TC COOP E@7 BUS DP @7 G ELECT DP @7 G CLERICAL @7 G SECRETAR @7 G STENO@4 TEC ELEC \$7 G COMPU SCI 6 @2

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
9001110	FOUND OF WEB DESIGN Foundations of Web Design/Level 3	9-12,3031 /Y	PA	1.0	BUS ED 1 @2 VOE @7 TC COOP E@7 BUS DP @7 G ELECT DP @7 G CLERICAL @7 G SECRETAR @7 G STENO@4 TEC ELEC \$7 G COMPU SCI 6 @2 COMM ART @7 7 G WEB DEV 7 G
^a 8772100	^a TELEVISION PROD Television Production	9-12,30,31 /			
8772110	TV PRODUCTION 1 Television Production 1/Level 2	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G TEC ELEC ¶7 ¶G
8772120	TV PRODUCTION 2 Television Production 2/Level 2	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G TEC ELEC ¶7 ¶G
8772130	TV PRODUCTION 3 Television Production 3/Level 3	9-12,30,31 /Y	VO	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G TEC ELEC ¶7 ¶G
8772140	TV PRODUCTION 4 Television Production 4/Level 3	9-12,30,31 /Y	VO	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G TEC ELEC ¶7 ¶G
8772150	TV PRODUCTION 5 Television Production 5/Level 3	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G TEC ELEC ¶7 ¶G
8772160	TV PRODUCTION 6 Television Production 6/Level 3	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G TEC ELEC ¶7 ¶G
8772170	TV PRODUCTION 7 Television Production 7/Level 3	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G TEC ELEC ¶7 ¶G
8772180	TV PRODUCTION 8 Television Production 8/Level 3	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G TEC ELEC ¶7 ¶G
^a 8772190	^a TV PRODUCTION 9 Television Production 9/Level 3	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TEC ELEC ¶7 ¶G TV PRO TE@7 7 G

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
^a 8772191	^a TV PRODUCTION 10 Television Production 10/Level 3	9-12,30,31 /Y	VO	1.0	ENG&TEC ED1 @2 TEC ELEC ¶7 ¶G TV PRO TE@7 7 G
^a 8772192	^a TV PRODUCTION 11 Television Production 11/Level 3	9-12,30,31 /Y	VO	1.0	ENG&TEC ED1 @2 TEC ELEC ¶7 ¶G TV PRO TE@7 7 G
^a I100104	^a TELEVISION PROD Television Production	30,31 /			
RTT0514	STUDIO ASSISTANT Studio Assistant	9-12,30,31 /Y	PA	3.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G
RTT0516	STUDIO TECHNICIAN Studio Technician	9-12,30,31 /Y	PA	3.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G
RTT0518	STUDIO TECH/EDIT AS Studio Technician/Edit Assistant	9-12,30,31 /Y	PA	3.0	ENG&TEC ED1 @2 TEC ELEC ¶7 ¶G TV PRO TE@7 7 G
RTT0520	TV PROD/EDIT TECH Television Production/Edit Technician	9-12,30,31 /Y	VO	2.0	ENG&TEC ED1 @2 TEC ELEC ¶7 ¶G TV PRO TE@7 7 G
8201500	TV PRODUCTION TECH Television Production Technology	9-12,30,31 /			
8201510	TV PRODUCTION TECH 1 Television Production Technology 1/ Level 2	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G
8201520	TV PRODUCTION TECH 2 Television Production Technology 2/ Level 2	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G
8201530	TV PRODUCTION TECH 3 Television Production Technology 3/ Level 3	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G
8201540	TV PRODUCTION TECH 4 Television Production Technology 4/ Level 3	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G
8201550	TV PRODUCTION TECH 5 Television Production Technology 5/ Level 3	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G
8201560	TV PRODUCTION TECH 6 Television Production Technology 6/ Level 3	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	REQUIREMENTS	CREDIT	CERTIFICATION
8201570	TV PRODUCTION TECH 7 Television Production Technology 7/ Level 3	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G
8201580	TV PRODUCTION TECH 8 Television Production Technology 8/ Level 3	9-12,30,31 /Y	PA	1.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G
K300300	TV PRODUCTION TECH Television Production Technology	30,31 /			
RTT0514	STUDIO ASSISTANT Studio Assistant	9-12,30,31 /Y	PA	3.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G
RTT0516	STUDIO TECHNICIAN Studio Technician	9-12,30,31 /Y	PA	3.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G
RTT0109	TV PRODUCTION OPS Television Production Operations	9-12,30,31 /Y	PA	2.0	ENG&TEC ED1 @2 TV PRO TE@7 7 G
----- PRINTING TECHNOLOGY CAREER PATH (ARPD) -----					
^a I480205	^a DIGITAL PRINT TECH Digital Printing Technology	30,31 /			
GRA0020	DIG PUBLISH ASST 1 Digital Publishing Assistant 1	9-12,30,31 /Y	VO	1.5	PRINTING @7 7 G
GRA0021	DIG PUBLISH ASST 2 Digital Publishing Assistant 2	9-12,30,31 /Y	VO	1.5	PRINTING @7 7 G
GRA0022	DESKTOP PUB SPEC 1 Desktop Publishing Specialist 1	9-12,30,31 /Y	VO	1.5	PRINTING @7 7 G
GRA0023	DESKTOP PUB SPEC 2 Desktop Publishing Specialist 2	9-12,30,31 /Y	VO	1.5	PRINTING @7 7 G
8230100	GRAPHIC COMM&PRINT Graphic Communications and Printing Technology	9-12,30,31 /			
8230110	INTRO TO PRINT TECH Introduction to Printing Technology /Level 2	9-12,30,31 /	VO	1.0	PRINTING @7 7 G
8230120	BASIC OFFSET PRESS Basic Offset Press Operations/Level 2	9-12,30,31 /	VO	1.0	PRINTING @7 7 G
8230130	BASIC FIN & BINDERY Basic Finishing and Bindery Operations/Level 2	9-12,30,31 /	VO	1.0	PRINTING @7 7 G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	REQUIREMENTS	CREDIT	CERTIFICATION
8230140	DIG PROD PRINT OPS Digital Production Printing Operations/Level 3	9-12,30,31 /	PA	1.0	PRINTING @7 7 G
8230150	DIG IMAGING & TYPOG Digital Imaging and Typography/Level 3	9-12,30,31 /	VO	1.0	PRINTING @7 7 G
8230160	PAGE LAYOUT & SCAN Page Layout and Scanning Operations /Level 3	9-12,30,31 /	PA	1.0	PRINTING @7 7 G
K300100	GRAPHIC COMM & PRINT Graphic Communications and Printing Technology	30,31 /			
GRA0041	PRINT & GRAPH COMM Printing and Graphic Communications	30,31 /	PA	3.0	PRINTING @7 7 G
GRA0042	DIGITAL PROD PRINT Digital Production Printing	30,31 /	PA	1.0	PRINTING @7 7 G
GRA0017	DIGITAL PREPRESS OPS Digital Prepress Operations	30,31 /	PA	3.0	PRINTING @7 7 G
GRA0045	OFFSET PRINTING TECH Offset Printing Technology	30,31 /	VO	3.0	PRINTING @7 7 G
GRA0046	FIN & DIST PROCESSES Finishing and Distribution Processes	30,31 /	VO	1.0	PRINTING @7 7 G
^a 8739000	^a PRINT & GRAPHIC COMM Printing and Graphic Communications	9-12,30,31 /			
^a 8739010	^a PRINT&GRAPHIC COMM1 Printing and Graphic Communications 1/Level 2	9-12,30,31 /Y	PA	1.0	PRINTING @7 7 G
^a 8739020	^a PRINT&GRAPHIC COMM 2 Printing and Graphic Communications 2/Level 2	9-12,30,31 /Y	PA	1.0	PRINTING @7 7 G
^a 8739030	^a PRINT&GRAPHIC COMM 3 Printing and Graphic Communications 3/Level 2	9-12,30,31 /Y	PA	1.0	PRINTING @7 7 G
^a 8739040	^a PRINT&GRAPHIC COMM 4 Printing and Graphic Communications 4/Level 3	9-12,30,31 /Y	PA	1.0	PRINTING @7 7 G
^a 8739050	^a PRINT&GRAPHIC COMM 5 Printing and Graphic Communications 5/Level 3	9-12,30,31 /Y	PA	1.0	PRINTING @7 7 G

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
^a 8739060	^a PRINT&GRAPHIC COMM 6 Printing and Graphic Communications 6/Level 3	10-12,30,31/Y	PA	1.0	PRINTING @7 7 G
^a 8739070	^a PRINT&GRAPHIC COMM 7 Printing and Graphic Communications 7/Level 3	10-12,30,31/Y	PA	1.0	PRINTING @7 7 G
^a 8739080	^a PRINT&GRAPHIC COMM 8 Printing and Graphic Communications 8/Level 3	10-12,30,31/Y	PA	1.0	PRINTING @7 7 G
^a 8739090	^a PRINT&GRAPHIC COMM 9 Printing and Graphic Communications 9/Level 3	10-12,30,31/Y	VO	1.0	PRINTING @7 7 G
^a 8739091	^a PRINT&GRAPHIC COMM10 Printing and Graphic Communications 10/Level 3	10-12,30,31/Y	VO	1.0	PRINTING @7 7 G
^a 8739092	^a PRINT&GRAPHIC COMM11 Printing and Graphic Communications 11/Level 3	10-12,30,31/Y	VO	1.0	PRINTING @7 7 G
^a 8739093	^a PRINT&GRAPHIC COMM12 Printing and Graphic Communications 12/Level 3	10-12,30,31/Y	VO	1.0	PRINTING @7 7 G
^a I480201	^a PRINT & GRAPHIC COMM Printing and Graphic Communications	30,31 /			
^a GRA0012	^a COPY CENTER TECH Copy Center Technician	9-12,30,31 /Y	PA	3.0	PRINTING @7 7 G
^a GRA0013	^a PROCESS CAMERA OP Process Camera Operator	9-12,30,31 /Y	PA	2.0	PRINTING @7 7 G
^a GRA0014	^a LAYOUT DSN/PLANNER Layout Designer/Planner	9-12,30,31 /Y	PA	3.0	PRINTING @7 7 G
^a GRA0015	^a DUPLICATOR OPERATOR Duplicator Operator	9-12,30,31 /Y	VO	3.0	PRINTING @7 7 G
^a GRA0016	^a GEN BINDERY WORKER General Bindery Worker	9-12,30,31 /Y	VO	1.0	PRINTING @7 7 G
----- TELECOMMUNICATIONS CAREER PATH (ARPE) -----					
8730200	TELECOMM TECHNOLOGY Telecommunications Technology	9-12,30,31 /			

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8730210	TELECOM TECHNOLOGY 1 Telecommunications Technology 1/ Level 2	9-12,30,31 /Y	VO	1.0	BUS MACH 7 G COMP SVC 7 G ELECTRICA@7 7 G ELECTRONI@7 7 G TELCOM 7 G
8730220	TELECOM TECHNOLOGY 2 Telecommunications Technology 2/ Level 2	9-12,30,31 /Y	VO	1.0	BUS MACH 7 G COMP SVC 7 G ELECTRICA@7 7 G ELECTRONI@7 7 G TELCOM 7 G
8730230	TELECOM TECHNOLOGY 3 Telecommunications Technology 3/ Level 2	9-12,30,31 /Y	VO	1.0	BUS MACH 7 G COMP SVC 7 G ELECTRICA@7 7 G ELECTRONI@7 7 G TELCOM 7 G
8730240	TELECOM TECHNOLOGY 4 Telecommunications Technology 4/ Level 2	9-12,30,31 /Y	VO	1.0	BUS MACH 7 G COMP SVC 7 G ELECTRICA@7 7 G ELECTRONI@7 7 G TELCOM 7 G
I470301	TELECOMM TECHNOLOGY Telecommunications Technology	30,31 /			
EER0051	TELECOMM INSTALL Telecommunications Installer	9-12,30,31 /Y	VO	1.0	BUS MACH 7 G COMP SVC 7 G ELECTRICA@7 7 G ELECTRONI@7 7 G TELCOM 7 G
EER0052	TELECOMM INST & REP Telecommunications Installation and Repair Specialist	9-12,30,31 /Y	VO	1.0	BUS MACH 7 G COMP SVC 7 G ELECTRICA@7 7 G ELECTRONI@7 7 G TELCOM 7 G
EER0055	TELECOMM TECH Telecommunications Technician	9-12,30,31 /Y	VO	2.0	BUS MACH 7 G COMP SVC 7 G ELECTRICA@7 7 G ELECTRONI@7 7 G TELCOM 7 G
I470305	WIRELESS TELECOM Wireless Telecommunications	30,31 /			
CTS0004	CPT SUPPORT TECH Computer Support Technician	9-12,30,31 /Y	VO	1.0	TELCOM 7 G
EEV0505	CPT SUPPORT SPEC Computer Support Specialist	9-12,30,31 /Y	VO	2.0	TELCOM 7 G

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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CTS0006	NETWORK SYSTEMS TECH Network Systems Technician	9-12,30,31 /Y	VO	1.0 TELCOM	7 G
CTS0007	NETWORK SPECIALIST Network Specialist	9-12,30,31 /Y	VO	2.0 TELCOM	7 G
CTS0008	NETWORK ADMIN Network Administrator	9-12,30,31 /Y	VO	2.0 TELCOM	7 G
CTS0009	WIRELESS TELE ADM Wireless Telecommunications Administrator	9-12,30,31 /Y	VO	2.0 TELCOM	7 G

VISUAL ARTS CAREER PATH (ARPF)

8718000	COMMERCIAL ART TECH Commercial Art Technology	9-12,30,31 /			
8718010	COMMERCIAL ART 1 Commercial Art Technology 1/Level 2	9-12,30,31 /Y	PA	1.0 COMM ART @7 GRAPH COMM7	7 G G
8718020	COMMERCIAL ART 2 Commercial Art Technology 2/Level 2	9-12,30,31 /Y	PA	1.0 COMM ART @7 GRAPH COMM7	7 G G
8718030	COMMERCIAL ART 3 Commercial Art Technology 3/Level 2	9-12,30,31 /Y	PA	1.0 COMM ART @7 GRAPH COMM7	7 G G
8718040	COMMERCIAL ART 4 Commercial Art Technology 4/Level 2	9-12,30,31 /Y	PA	1.0 COMM ART @7 GRAPH COMM7	7 G G
8718050	COMMERCIAL ART 5 Commercial Art Technology 5/Level 2	9-12,30,31 /Y	PA	1.0 COMM ART @7 GRAPH COMM7	7 G G
8718060	COMMERCIAL ART 6 Commercial Art Technology 6/Level 2	9-12,30,31 /Y	PA	1.0 COMM ART @7 GRAPH COMM7	7 G G
8718070	COMMERCIAL ART 7 Commercial Art Technology 7/Level 2	9-12,30,31 /Y	PA	1.0 COMM ART @7 GRAPH COMM7	7 G G
8718080	COMMERCIAL ART 8 Commercial Art Technology 8/Level 2	9-12,30,31 /Y	PA	1.0 COMM ART @7 GRAPH COMM7	7 G G
8718090	COMMERCIAL ART 9 Commercial Art Technology 9/Level 3	9-12,30,31 /Y	PA	1.0 COMM ART @7 GRAPH COMM7	7 G G
8718091	COMMERCIAL ART 10 Commercial Art Technology 10/Level 3	9-12,30,31 /Y	PA	1.0 COMM ART @7 GRAPH COMM7	7 G G
I480203	COMMERCIAL ART TECH Commercial Art Technology	30,31 /			
GRA0036	GRAPHIC DESIGNER Graphic Designer	9-12,30,31 /Y	PA	3.0 COMM ART @7 GRAPH COMM7	7 G G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION		
GRA0037	DIGITAL DESIGNER Digital Designer	9-12,30,31 /Y	PA	3.0	COMM ART @7 GRAPH COMM7	7 G	G
GRA0038	PRINT MEDIA ARTIST Print Media Artist	9-12,30,31 /Y	PA	2.0	COMM ART @7 GRAPH COMM7	7 G	G
GRA0039	WEB DESIGNER Web Designer	9-12,30,31 /Y	PA	2.0	COMM ART @7 GRAPH COMM7	7 G	G
K600100	COMMERCIAL ART 1 Commercial Art Technology 1	30,31 /					
GRA0036	GRAPHIC DESIGNER Graphic Designer	9-12,30,31 /Y	PA	3.0	COMM ART @7 GRAPH COMM7	7 G	G
GRA0037	DIGITAL DESIGNER Digital Designer	9-12,30,31 /Y	PA	3.0	COMM ART @7 GRAPH COMM7	7 G	G
K600200	COMMERCIAL ART 2 Commercial Art Technology 2	30,31 /					
GRA0038	PRINT MEDIA ARTIST Print Media Artist	9-12,30,31 /Y	PA	2.0	COMM ART @7 GRAPH COMM7	7 G	G
GRA0039	WEB DESIGNER Web Designer	9-12,30,31 /Y	PA	2.0	COMM ART @7 GRAPH COMM7	7 G	G
8772000	CMCL PHOTO TECH Commercial Photography Technology	9-12,30,31 /					
8772010	CMCL PHOTO TECH 1 Commercial Photography Technology 1 /Level 2	9-12,30,31 /Y	PA	1.0	PHOTOG @7	7 G	G
8772020	CMCL PHOTO TECH 2 Commercial Photography Technology 2 /Level 2	9-12,30,31 /Y	PA	1.0	PHOTOG @7	7 G	G
8772030	CMCL PHOTO TECH 3 Commercial Photography Technology 3 /Level 2	9-12,30,31 /Y	PA	1.0	PHOTOG @7	7 G	G
8772040	CMCL PHOTO TECH 4 Commercial Photography Technology 4 /Level 2	9-12,30,31 /Y	PA	1.0	PHOTOG @7	7 G	G
8772050	CMCL PHOTO TECH 5 Commercial Photography Technology 5 /Level 2	9-12,30,31 /Y	PA	1.0	PHOTOG @7	7 G	G
8772060	CMCL PHOTO TECH 6 Commercial Photography Technology 6 /Level 2	9-12,30,31 /Y	PA	1.0	PHOTOG @7	7 G	G

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	REQUIREMENTS	CREDIT	CERTIFICATION
8772070	CMCL PHOTO TECH 7 Commercial Photography Technology 7 /Level 2	9-12,30,31 /Y	PA	1.0	PHOTOG @7 7 G
8772080	CMCL PHOTO TECH 8 Commercial Photography Technology 8 /Level 2	9-12,30,31 /Y	PA	1.0	PHOTOG @7 7 G
8772090	CMCL PHOTO TECH 9 Commercial Photography Technology 9 /Level 2	9-12,30,31 /Y	PA	1.0	PHOTOG @7 7 G
8772091	CMCL PHOTO TECH 10 Commercial Photography Technology 10 /Level 2	9-12,30,31 /Y	PA	1.0	PHOTOG @7 7 G
8772092	CMCL PHOTO TECH 11 Commercial Photography Technology 11 /Level 2	9-12,30,31 /Y	PA	1.0	PHOTOG @7 7 G
I480204	CMCL PHOTO TECH Commercial Photography Technology	30,31 /			
PGY0180	PHOTO IMAGING SPEC 1 Photographic Imaging Specialist 1	9-12,30,31 /Y	PA	2.0	PHOTOG @7 7 G
PGY0181	PHOTO IMAGING SPEC 2 Photographic Imaging Specialist 2	9-12,30,31 /Y	PA	2.0	PHOTOG @7 7 G
PGY0182	PHOTO SPEC/LAB TECH Photography Specialist/Lab Technician	9-12,30,31 /Y	PA	1.0	PHOTOG @7 7 G
PGY0183	PORTRAIT PHOTO 1 Portrait Photographer 1	9-12,30,31 /Y	PA	1.5	PHOTOG @7 7 G
PGY0184	PORTRAIT PHOTO 2 Portrait Photographer 2	9-12,30,31 /Y	PA	1.5	PHOTOG @7 7 G
PGY0185	COMM PHOTOGRAPHER Commercial Photographer	9-12,30,31 /Y	PA	3.0	PHOTOG @7 7 G
K610100	CMCL PHOTO TECH 1 Commercial Photography Technology 1	30,31 /			
PGY0180	PHOTO IMAGING SPEC 1 Photographic Imaging Specialist 1	9-12,30,31 /Y	PA	2.0	PHOTOG @7 7 G
PGY0181	PHOTO IMAGING SPEC 2 Photographic Imaging Specialist 2	9-12,30,31 /Y	PA	2.0	PHOTOG @7 7 G
PGY0182	PHOTO SPEC/LAB TECH Photography Specialist/Lab Technician	9-12,30,31 /Y	PA	1.0	PHOTOG @7 7 G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION				
K610200	CMCL PHOTO TECH 2 Commercial Photography Technology 2	30,31 /							
PGY0183	PORTRAIT PHOTO 1 Portrait Photographer 1	9-12,30,31 /Y	PA	1.5	PHOTOG	@7	7	G	
PGY0184	PORTRAIT PHOTO 2 Portrait Photographer 2	9-12,30,31 /Y	PA	1.5	PHOTOG	@7	7	G	
PGY0185	COMM PHOTOGRAPHER Commercial Photographer	9-12,30,31 /Y	PA	3.0	PHOTOG	@7	7	G	
8209600	DIGITAL DESIGN Digital Design	9-12,30,31 /							
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12 /Y	PA	1.0	ACCTING	@7	7	G	
					BANK FINC	@7	7	G	
					BUS ED	1	@2		
					COMM ART	@7	7	G	
					COMP PROG	7	G		
					COMPU SCI	6			
					CYBER TECH	7	G		
					INFO TECH	7	G		
					MANAG SUPV	7	G		
					MKTG	1	@2		
					MKTG MGMT	7	G		
					WEB DEV	7	G		
8209510	DIGITAL DESIGN 1 Digital Design 1/Level 2	9-12,30,31 /Y	PA	1.0	BUS ED	1	@2		
					CLERICAL	@7	7	G	
					COMM ART	@7	7	G	
					COMPU SCI	6	@2		
					MANAG SUPV	7	G		
					SECRETAR	7	G		
					STENOGR	@4	@7		
					TC COOP E	@7			
					ELECT DP	@7	R		
					ENG&TEC	ED1	@2		
8209520	DIGITAL DESIGN 2 Digital Design 2/Level 3	9-12,30,31 /Y	PA	1.0	BUS DP	@7	%G		
					BUS ED	1	@2		
					CLERICAL	@7	7	G	
					COMM ART	@7	7	G	
					COMPU SCI	6	@2		
					ELECT DP	@7	%G		
					PRINTING	@7	7	G	
					SECRETAR	7	G		
					STENOGR	@4	@7		
					TC COOP E	@7			
					ENG&TEC	ED1	@2		
					TEC ELEC	\$7	G		
					VOE	@7			

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8209530	DIGITAL DESIGN 3 Digital Design 3/Level 3	9-12,3031 /Y	PA	1.0	BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 @2 ELECT DP @7 %G PRINTING @7 7 G SECRETAR 7 G STENO @4 @7 TC COOP E@7 ENG&TEC ED1 @2 TEC ELEC \$7 G VOE @7
8209540	DIGITAL DESIGN 4 Digital Design 4/Level 3	9-12,3031 /Y	PA	1.0	BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 @2 ELECT DP @7 %G PRINTING @7 7 G SECRETAR 7 G STENO @4 @7 TC COOP E@7 ENG&TEC ED1 @2 TEC ELEC \$7 G VOE @7
8209550	DIGITAL DESIGN 5 Digital Design 5/Level 3	9-12,3031 /Y	PA	1.0	BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 @2 ELECT DP @7 %G PRINTING @7 7 G SECRETAR 7 G STENO @4 @7 TC COOP E@7 ENG&TEC ED1 @2 TEC ELEC \$7 G VOE @7

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8209560	DIGITAL DESIGN 6 Digital Design 6/Level 3	9-12,3031 /Y	PA	1.0	BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 @2 ELECT DP @7 %G PRINTING @7 7 G SECRETAR 7 G STENO @4 @7 TC COOP E@7 ENG&TEC ED1 @2 TEC ELEC \$7 G VOE @7
8209570	DIGITAL DESIGN 7 Digital Design 7/Level 3	9-12,3031 /Y	PA	1.0	BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 @2 ELECT DP @7 %G PRINTING @7 7 G SECRETAR 7 G STENO @4 @7 TC COOP E@7 ENG&TEC ED1 @2 TEC ELEC \$7 G VOE @7
B070600	DIGITAL DESIGN Digital Design	30, 31 /			
OTA0040	INFO TECH ASSISTANT Information Technology Assistant	9-12,30,31 /Y	PA	1.0	ACCTING @7 7 G ADMIN ASST7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 INFO TECH 7 G MANAG SUPV7 G
GRA0024	PRODUCTION ASST Production Assistant	9-12,30,31 /Y	PA	1.0	BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 @2 ELECT DP @7 %G PRINTING @7 7 G SECRETAR 7 G STENO @4 @7 TC COOP E@7 ENG&TEC ED1 @2 TEC ELEC \$7 G VOE @7

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GRA0025	DIGITAL ASST DSN Digital Assistant Designer	9-12,30,31 /Y	PA	2.0	BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 @2 ELECT DP @7 %G PRINTING @7 7 G SECRETAR 7 G STENO @4 @7 TC COOP E@7 ENG&TEC ED1 @2 TEC ELEC \$7 G VOE @7
GRA0026	GRAPHIC DESIGNER Graphic Designer	9-12,30,31 /Y	PA	2.0	BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 @2 ELECT DP @7 %G PRINTING @7 7 G SECRETAR 7 G STENO @4 @7 TC COOP E@7 ENG&TEC ED1 @2 TEC ELEC \$7 G VOE @7
GRA0027	MEDIA DESIGNER Media Designer	9-12,30,31 /Y	PA	2.0	BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 @2 ELECT DP @7 %G PRINTING @7 7 G SECRETAR 7 G STENO @4 @7 TC COOP E@7 ENG&TEC ED1 @2 TEC ELEC \$7 G VOE @7
K700100	DIGITAL DESIGN 1 Digital Design 1	30, 31 /			
OTA0040	INFO TECH ASSISTANT Information Technology Assistant	9-12,30,31 /Y	PA	1.0	ACCTING @7 7 G ADMIN ASST7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 INFO TECH 7 G MANAG SUPV7 G

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GRA0024	PRODUCTION ASST Production Assistant	9-12,30,31 /Y	PA	1.0	BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 @2 ELECT DP @7 %G PRINTING @7 7 G SECRETAR 7 G STENO @4 @7 TC COOP E@7 ENG&TEC ED1 @2 TEC ELEC \$7 G VOE @7
GRA0025	DIGITAL ASST DSN Digital Assistant Designer	9-12,30,31 /Y	PA	2.0	BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 @2 ELECT DP @7 %G PRINTING @7 7 G SECRETAR 7 G STENO @4 @7 TC COOP E@7 ENG&TEC ED1 @2 TEC ELEC \$7 G VOE @7
K700200	DIGITAL DESIGN 2 Digital Design 2	30, 31 /			
GRA0026	GRAPHIC DESIGNER Graphic Designer	9-12,30,31 /Y	PA	2.0	BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 @2 ELECT DP @7 %G PRINTING @7 7 G SECRETAR 7 G STENO @4 @7 TC COOP E@7 ENG&TEC ED1 @2 TEC ELEC \$7 G VOE @7

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GRA0027	MEDIA DESIGNER Media Designer	9-12,30,31 /Y	PA	2.0	BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 @2 ELECT DP @7 %G PRINTING @7 7 G SECRETAR 7 G STENOGR @4 @7 TC COOP E@7 ENG&TEC ED1 @2 TEC ELEC \$7 G VOE @7
8506400	FASH TECH & DSN SERS Fashion Technology and Design Services	9-12,30,31 /			
8506405	DESIGN SERVS CORE Design Services Core/Level 2	9-12,30,31 /Y	PA	1.0	APPRL MFG¢7 @7 G FAM CON SC1 FASH TECH 7 G HME EC OC¢7 HOMEMAKIN¢2 ¢7 TAILORING¢7 ENG&TEC ED1 @2 INT DES 7 G
8506410	PRIN FASH DESIGN Principles of Fashion Design Services/Level 2	9-12 /Y	PA	1.0	APPRL MFG¢7 @7 G FAM CON SC1 FASH TECH 7 G HME EC OC¢7 HOMEMAKIN¢2 ¢7 ENG&TEC ED1 @2 TAILORING¢7 INT DES 7 G
8506420	PATTERN DESIGN TECNQ Pattern Design Techniques/Level 3	9-12 /Y	PA	1.0	APPRL MFG¢7 @7 G FAM CON SC1 FASH TECH 7 G HME EC OC¢7 HOMEMAKIN¢1 ¢7 TAILORING¢7 ENG&TEC ED1 @2 INT DES 7 G
8506430	FASH DESIGN SPEC Fashion Design Specialist/Level 3	9-12 /Y	PA	1.0	APPRL MFG¢7 @7 G FAM CON SC1 FASH TECH 7 G HME EC OC¢7 HOMEMAKIN¢2 ¢7 TAILORING¢7 1 ENG&TEC E@2 INT DES 7 G

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V200400	FASH TECH & DSN SERS Fashion Technology and Design Services	30,31 /			
HEV0010	RETAIL SALES Retail Sales	9-12,30,31 /Y	PA	1.0	APPRL MFG¢7 @7 G FAM CON SC1 FASH TECH 7 G HME EC OC¢7 HOMEMAKIN¢2 ¢7 TAILORING 7 G ENG&TEC ED1 @2
HEV0011	TAILOR, DRESS, SEWER Tailor, Dressmaker, Custom Sewer	9-12,30,31 /Y	PA	1.0	APPRL MFG¢7 @7 G FAM CON SC1 FASH TECH 7 G HME EC OC¢7 HOMEMAKIN¢2 ¢7 TAILORING 7 G ENG&TEC ED1 @2
HEV0012	FAB & APPAREL PAT Fabric and Apparel Patternmakers	9-12,30,31 /Y	PA	1.0	APPRL MFG¢7 @7 G FAM CON SC1 FASH TECH 7 G HME EC OC¢7 HOMEMAKIN¢2 ¢7 TAILORING 7 G ENG&TEC ED1 @2
HEV0013	FASHION COOR/STYLIST Fashion Coordinator/Stylist	9-12,30,31 /Y	PA	1.0	APPRL MFG¢7 @7 G FAM CON SC1 FASH TECH 7 G HME EC OC¢7 HOMEMAKIN¢2 ¢7 TAILORING 7 G ENG&TEC ED1 @2
K500100	FASHION TECH/PROD Fashion Technology and Production Services	30,31 /			
CTE0000	GARMENT FAB SPEC Garment Fabrication Specialist	9-12,30,31 /Y	VO	1.0	APPRL MFG@7 7 G FAM CON SC1 TAILORING 7 G ENG&TEC ED1 @2
CTE0001	INDUS SEAMSTRESS Industrial Seamstress	9-12,30,31 /Y	VO	1.0	APPRL MFG@7 7 G FAM CON SC1 TAILORING 7 G ENG&TEC ED1 @2
CTE0002	INTRO PATTERNMAKING Introduction to Patternmaking and Entrepreneurship	9-12,30,31 /Y	VO	1.0	APPRL MFG@7 7 G FAM CON SC1 TAILORING 7 G ENG&TEC ED1 @2

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CTE0003	ALTERATIONS SPEC Alterations Specialist	9-12,30,31 /Y	VO	2.0	APPRL MFG@7 7 G FAM CON SC1 TAILORING 7 G ENG&TEC ED1 @2
CTE0004	TAILOR FOR MENSWEAR Tailor for Menswear	9-12,30,31 /Y	VO	2.0	APPRL MFG@7 7 G FAM CON SC1 TAILORING 7 G ENG&TEC ED1 @2
CTE0005	FORMALWEAR SPEC Formalwear Specialist	9-12,30,31 /Y	VO	2.0	APPRL MFG@7 7 G FAM CON SC1 TAILORING 7 G ENG&TEC ED1 @2
CTE0006	COSTUME SPECIALIST Costume Specialist	9-12,30,31 /Y	VO	2.0	APPRL MFG@7 7 G FAM CON SC1 TAILORING 7 G ENG&TEC ED1 @2
CTE0007	ACCESSORIES SPEC Accessories Specialist	9-12,30,31 /Y	VO	2.0	APPRL MFG@7 7 G FAM CON SC1 TAILORING 7 G ENG&TEC ED1 @2
CTE0008	INTIMATE APPAREL SPE Intimate Apparel Specialist	9-12,30,31 /Y	VO	2.0	APPRL MFG@7 7 G FAM CON SC1 TAILORING 7 G ENG&TEC ED1 @2
CTE0010	EMBROIDERER Embroiderer	9-12,30,31 /Y	VO	2.0	APPRL MFG@7 7 G FAM CON SC1 TAILORING 7 G ENG&TEC ED1 @2
CTE0011	EMBROIDERY DIGITIZER Embroidery Digitizer	9-12,30,31 /Y	VO	2.0	APPRL MFG@7 7 G FAM CON SC1 TAILORING 7 G ENG&TEC ED1 @2
CTE0012	CAD PATTERNMAKER I CAD Patternmaker I	9-12,30,31 /Y	VO	2.0	APPRL MFG@7 7 G FAM CON SC1 TAILORING 7 G ENG&TEC ED1 @2
CTE0013	CAD PATTERNMAKER II CAD Patternmaker II	9-12,30,31 /Y	VO	2.0	APPRL MFG@7 7 G FAM CON SC1 TAILORING 7 G ENG&TEC ED1 @2
V200600	INT DECORATING SERS Interior Decorating Services	30,31 /			

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HEV0412	SALES/COLOR CONSULT Sales/Color Consultant	9-12,30,31 /Y	VO	1.0	FAM CON SC1 HME EC OC#7 @7 G HOMEMAKIN#7 @2 @7 G INT DEC 7 G
HEV0452	FURN ARR/SPACE PLAN Furniture Arranger/Space Planner	9-12,30,31 /Y	VO	2.0	FAM CON SC1 HME EC OC#7 @7 G HOMEMAKIN#7 @2 @7 G INT DEC 7 G
HEV0453	MERCH STYL/VIS DISP Merchandise Stylist/Visual Displayer	9-12,30,31 /Y	VO	2.0	FAM CON SC1 HME EC OC#7 @7 G HOMEMAKIN#7 @2 @7 G INT DEC 7 G
HEV0413	INT DEC/INT DEC CONS Interior Decorator/Interior Decorating Consultant	9-12,30,31 /Y	VO	1.0	FAM CON SC1 HME EC OC#7 @7 G HOMEMAKIN#7 @2 @7 G INT DEC 7 G
8506500	INTERIOR DESIGN SERS Interior Design Services	9-12,30,31 /			
8506405	DESIGN SERVS CORE Design Services Core/Level 2	9-12,30,31 /Y	PA	1.0	APPRL MFG#7 @7 G FAM CON SC1 FASH TECH 7 G HME EC OC#7 HOMEMAKIN#2 #7 TAILORING#7 ENG&TEC ED1 @2 INT DES 7 G
8506540	PRIN INT DESIGN SERV Principles of Interior Design Services /Level 2	9-12 /Y	PA	1.0	APPRL MFG#7 @7 G FAM CON SC1 HME EC OC#7 HOMEMAKIN@2 #7 INT DES 7 G ENG&TEC ED1 @2 TAILORING#7 FASH TECH 7 G
8506550	INT DESIGN TECNQS Interior Design Techniques/Level 2	9-12 /Y	PA	1.0	APPRL MFG#7 @7 G FAM CON SC1 HME EC OC#7 HOMEMAKIN@2 #7 INT DES 7 G ENG&TEC ED1 @2 TAILORING#7 FASH TECH 7 G

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8506560	INTERIOR DESIGN SPEC Interior Design Specialist/Level 3	9-12	/Y PA	1.0	APPRL MFG#7 @7 G FAM CON SC1 HME EC OC#7 HOMEMAKING#2 #7 INT DES 7 G ENG&TEC ED1 @2 TAILORING#7 FASH TECH 7 G
GENERAL PROGRAMS					
8200430	ARTS, A/V OJT Arts, A/V Technology and Communication Cooperative Education - OJT	9-12,30,31 /M	VO	MULTIPLE	ANY FIELD/BACHELORS OR HIGHER CERT/TC WK EXP E G ANY VOC FIELD OR COVERAGE/TC COOP ED E G COOR WK EX @7 MKTG 1
8200400	ARTS, A/V DIR STUDY Arts, A/V Technology and Communication DS	1112,30,31 /M	VO	MULTIPLE	ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER ANY VOCATIONAL FIELD OR COVERAGE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8209100	CAREER IN FASH & INT Careers in Fashion and Interior Design	6-8	/S		FAM CON SCI 1
8209200	CAR IN FASH & INT CP Careers in Fashion and Interior Design and Career Planning	6-8	/S		FAM CON SCI 1
8500380	FABR CONSTRUCTION Fabric Construction/Level 2	9-12,30,31 /S	PA	0.5	FAM CON SCI 1
8260300	FUND OF A/V, PRINT TE Fundamentals of A/V and Print Technology	6-8	/S		BUS ED 1 @2 PRINTING @7 7 G ENG&TEC ED 1 @2 TV PRO TEC @7 7 G
8209310	CAR IN FASH DESIGN Careers in Fashion Design	6-8	/S		FAM CON SC1 FASH TECH 7 G
8260400	FUND OF TELECOMM Fundamentals of Telecommunications	6-8	/S		BUS MACH 7 G COMP SVC 7 G ELECTRICAL @7 7 G ELECTRONIC @7 7 G TV PRO TEC @7 7 G TELCOM 7 G
8260500	FUND OF VIS & PA Fundamentals of Visual and Performing Arts	6-8	/S		BUS DP @7 %7 %G BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 @2 ELECT DP @7 %7 %G GRAPH ARTS 4 JOURNALISM @1 MKTG 1 MG ENG C PHOTOG @7 7 G PRINTING @7 7 G SECRETAR 7 G STENOGRAPH @4 TEC ELEC @7 1 @2 ENG&TEC ED 1 @2 TV PRO TEC @7 7 G VOE @7
8209350	INTRO ARTS, A/V Introduction to Arts, A/V Technology and Communication	6-8	/S		BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 @2 MKTG 1 PRINTING @7 7 G SECRETAR 7 G TC COOP ED @7 1 @2 ENG&TEC ED 1 @2 TV PRO TEC @7 7 G VOE @7
8209360	INTRO ARTS, A/V & CP Introduction to Arts, A/V Technology and Communication/Career Planning	6-8	/S		BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 @2 MKTG 1 PRINTING @7 7 G SECRETAR 7 G TC COOP ED @7 1 @2 ENG&TEC ED 1 @2 TV PRO TEC @7 7 G VOE @7

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APPRENTICESHIP PROGRAMS

I47034R	TELECOM TECH - APPR Telecommunications Technology - Apprenticeship	30,31	/		
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|BUSINESS MANAGEMENT & ADMINISTRATIVE CAREER CLUSTER|

MANAGEMENT CAREER PATH (BAPA)

8301100	BUS MGMT & ANALYSIS Business Management and Analysis	9-12,30,31	/		
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12	/Y	PA	1.0
					ACCTING @7 7 G
					BANK FINC@7 7 G
					BUS ED 1 @2
					COMM ART @7 7 G
					COMP PROG 7 G
					COMPU SCI 6
					CYBER TECH7 G
					INFO TECH 7 G
					MANAG SUPV7 G
					MKTG 1 @2
					MKTG MGMT 7 G
					WEB DEV 7 G
8215120	BUSINESS ENTREP PRIN Business and Entrepreneurship Principles/Level 3	9-12,30,31	/Y	VO	1.0
					ACCTING @7 7 G
					BUS ED 1 @2
					MANAG SUPV7 G
8203310	ACCOUNTING APPS 1 Accounting Applications 1/Level 3	9-12,30,31	/Y	VO	1.0
					ACCTING @7 7 G
					BOOKKEEPI@4 @7 7 G
					BUS ED 1 @2
					TC COOP E@7
					VOE @7
					MANAG SUP@7 7 G
					MKTG 1 @2
					MKTG MGMT 7 G
					BANK FINC@7 7 G
8301110	MGMT & HUMAN RESOURC Management and Human Resources/Level 3	9-12,30,31	/Y	VO	1.0
					ACCTING @7 7 G
					BUS ED 1 @2
					MANAG SUPV7 G
8301120	BUSINESS ANALYSIS Business Analysis/ Level 3	9-12,30,31	/Y	VO	1.0
					ACCTING @7 7 G
					BUS ED 1 @2
					MANAG SUPV7 G

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8215130	LEG ASPECTS BUSINESS Legal Aspects of Business/Level 3	9-12,30,31 /Y	VO	1.0	ACCTING @7 7 G BUS ED 1 @2 MANAG SUPV7 G CLERICAL @7 7 G SECRETAR 7 G STENO@4 @7 TC COOP E@7 VOE @7
B060200	BUS MGMT & ANALYSIS Business Management and Analysis	30, 31 /			
OTA0040	INFO TECH ASSISTANT Information Technology Assistant	9-12,30,31 /Y	PA	1.0	ACCTING @7 7 G ADMIN ASST7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 INFO TECH 7 G MANAG SUPV7 G
MNA0080	SUPR/MANAGER TRAINEE Supervisor/Manager Trainee	9-12,30,31 /Y	VO	2.0	ACCTING @7 7 G BOOKKEEPI@4 @7 G BUS ED 1 @2 MANAG SUPV7 G TC COOP E@7 VOE @7
MNA0082	SUPERVISOR Supervisor	9-12,30,31 /Y	VO	3.0	ACCTING @7 7 G BOOKKEEPI@4 @7 G BUS ED 1 @2 MANAG SUPV7 G TC COOP E@7 VOE @7
^a 8215200	^a BUSINESS SUPV & MGMT Business Supervision and Management	9-12,30,31 /			
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12 /Y	PA	1.0	ACCTING @7 7 G BANK FINC@7 7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G MANAG SUPV7 G MKTG 1 @2 MKTG MGMT 7 G WEB DEV 7 G
8215120	BUSINESS ENTREP PRIN Business and Entrepreneurship Principles/Level 3	9-12,30,31 /Y	VO	1.0	ACCTING @7 7 G BUS ED 1 @2 MANAG SUPV7 G

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8215130	LEG ASPECTS BUSINESS Legal Aspects of Business/Level 3	9-12,30,31 /Y	VO	1.0	ACCTING @7 7 G BUS ED 1 @2 MANAG SUPV7 G CLERICAL @7 7 G SECRETAR 7 G STENO@4 @7 TC COOP E@7 VOE @7
^a 8215140	^a BUSINESS SUPV 1 Business Supervision 1/Level 2	9-12,30,31 /Y	VO	1.0	
^a 8215150	^a BUSINESS SUPV 2 Business Supervision 2/Level 2	9-12,30,31 /Y	VO	1.0	
^a 8215160	^a BUSINESS SUPV 3 Business Supervision 3/Level 2	9-12,30,31 /Y	VO	1.0	
8217100	PROMOTIONAL ENT Promotional Enterprise	9-12,30,31 /			
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12 /Y	PA	1.0	ACCTING @7 7 G BANK FINC@7 7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G MANAG SUPV7 G MKTG 1 @2 MKTG MGMT 7 G WEB DEV 7 G
8217110	CUS PROMO LAYOUT DSN Custom Promotional Layout Design/ Level 2	9-12,30,31 /Y	PA	1.0	BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 ELECT DP @7 %G SECRETAR 7 G STENO@4 @7 TC COOP E@7 TEC ELEC \$7 G VOE @7

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8217120	PROMO DESIGN MGMT Promotional Design Management/Level 2	9-12,30,31 /Y	VO	1.0	BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 ELECT DP @7 %G SECRETAR 7 G STENO @4 @7 TC COOP E@7 TEC ELEC \$7 G VOE @7
8217130	CUS PROMO S&D MGMT Custom Promotional Sales and Distribution Management/Level 2	9-12,30,31 /Y	PA	1.0	BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 ELECT DP @7 %G SECRETAR 7 G STENO @4 @7 TC COOP E@7 TEC ELEC \$7 G VOE @7
8217140	PROMO BUS MGMT&SUPR1 Promotional Business Management and Supervision 1/Level 2	9-12,30,31 /Y	VO	1.0	BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 ELECT DP @7 %G SECRETAR 7 G STENO @4 @7 TC COOP E@7 TEC ELEC \$7 G VOE @7
8217150	PROMO BUS MGMT&SUPR2 Promotional Business Management and Supervision 2/Level 2	9-12,30,31 /Y	VO	1.0	BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 ELECT DP @7 %G SECRETAR 7 G STENO @4 @7 TC COOP E@7 TEC ELEC \$7 G VOE @7

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION

8217160	LEG ASP OF PROMO IND Legal Aspects of Promotional Industry Ownership/Level 2	9-12,30,31 /Y	VO	1.0	BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 ELECT DP @7 %G SECRETAR 7 G STENO@4 @7 TC COOP E@7 TEC ELEC \$7 G VOE @7
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BUSINESS FINANCIAL MANAGEMENT CAREER PATH (BAPB)

8302100	ACCOUNTING APPS Accounting Applications	9-12,30,31 /			
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12 /Y	PA	1.0	ACCTING @7 7 G BANK FINC@7 7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G MANAG SUPV7 G MKTG 1 @2 MKTG MGMT 7 G WEB DEV 7 G
8203310	ACCOUNTING APPS 1 Accounting Applications 1/Level 3	9-12,30,31 /Y	VO	1.0	ACCTING @7 7 G BOOKKEEPI@4 @7 7 G BUS ED 1 @2 TC COOP E@7 VOE @7 MANAG SUP@7 7 G MKTG 1 @2 MKTG MGMT 7 G BANK FINC@7 7 G
8203320	ACCOUNTING APPS 2 Accounting Applications 2/Level 3	9-12,30,31 /Y	VO	1.0	ACCTING @7 7 G BOOKKEEPI@4 @7 7 G BUS ED 1 @2 TC COOP E@7 VOE @7
8203330	ACCOUNTING APPS 3 Accounting Applications 3/Level 3	9-12,30,31 /Y	VO	1.0	ACCTING @7 7 G BOOKKEEPI@4 @7 7 G BUS ED 1 @2 TC COOP E@7 VOE @7

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
B070110	ACCOUNTING OPERATION Accounting Operations	30, 31 /			
OTA0040	INFO TECH ASSISTANT Information Technology Assistant	9-12,30,31 /Y	PA	1.0	ACCTING @7 7 G ADMIN ASST7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 INFO TECH 7 G MANAG SUPV7 G
AC00040	ACCOUNTING CLERK Accounting Clerk	9-12,30,31 /Y	VO	2.0	ACCTING @7 7 G BOOKKEEPI@4 @7 7 G BUS ED 1 @2 TC COOP E@7 VOE @7
AC00041	ACCOUNTING ASSOCIATE Accounting Associate	9-12,30,31 /Y	VO	2.0	ACCTING @7 7 G BOOKKEEPI@4 @7 7 G BUS ED 1 @2 TC COOP E@7 VOE @7
AC00042	ACCOUNTING ASSISTANT Accounting Assistant	9-12,30,31 /Y	VO	1.0	ACCTING @7 7 G BOOKKEEPI@4 @7 7 G BUS ED 1 @2 TC COOP E@7 VOE @7
----- BUSINESS ANALYSIS CAREER PATH (BAPD) -----					
8216100	INTERNATIONAL BUS International Business	9-12,30,31 /			
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12 /Y	PA	1.0	ACCTING @7 7 G BANK FINC@7 7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G MANAG SUPV7 G MKTG 1 @2 MKTG MGMT 7 G WEB DEV 7 G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8203310	ACCOUNTING APPS 1 Accounting Applications 1/Level 3	9-12,30,31 /Y	VO	1.0	ACCTING @7 7 G BOOKKEEPING @4 @7 7 G BUS ED 1 @2 TC COOP E@7 VOE @7 MANAG SUP@7 7 G MKTG 1 @2 MKTG MGMT 7 G BANK FINC@7 7 G
8216110	INTL BUSINESS SYSTEM International Business Systems/Level 2	9-12,30,31 /Y	VO	1.0	BOOKKEEPING @4 @7 7 G BUS ED 1 @2 MANAG SUPV7 G TC COOP E@7 VOE @7
8216120	INTL FIN & LAW International Finance and Law/Level 3	9-12,30,31 /Y	VO	1.0	BOOKKEEPING @4 @7 7 G BUS ED 1 @2 MANAG SUPV7 G TC COOP E@7 VOE @7
8216130	BUSINESS INTERNSHIP Business Internship/Level 2	9-12,30,31 /Y	VO	1.0	BOOKKEEPING @4 @7 7 G BUS ED 1 @2 MANAG SUPV7 G TC COOP E@7 VOE @7
B060901	INTERNATIONAL BUS International Business	30,31 /			
OTA0040	INFO TECH ASSISTANT Information Technology Assistant	9-12,30,31 /Y	PA	1.0	ACCTING @7 7 G ADMIN ASST7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 INFO TECH 7 G MANAG SUPV7 G
MNA0000	MANAGER TRAINEE 1 Manager Trainee 1	9-12,30,31 /Y	VO	2.0	BOOKKEEPING @4 @7 7 G BUS ED 1 @2 MANAG SUPV7 G TC COOP E@7 VOE @7
MNA0001	MANAGER TRAINEE 2 Manager Trainee 2	9-12,30,31 /Y	VO	2.0	BOOKKEEPING @4 @7 7 G BUS ED 1 @2 MANAG SUPV7 G TC COOP E@7 VOE @7

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COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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MARKETING & COMMUNICATIONS CAREER PATH (BAPE)

8200300	ELEC BUSINESS ENTERP Electronic Business Enterprise	9-12,30,31 /			
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12 /Y	PA	1.0	ACCTING @7 7 G BANK FINC@7 7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G MANAG SUPV7 G MKTG 1 @2 MKTG MGMT 7 G WEB DEV 7 G
8200340	INTRO TO E-COMMERCE Introduction to E-Commerce/Level 2	9-12,30,31 /Y	PA	1.0	BUS DP @7 BUS ED 1 @2 ELECT DP @7 %G
8200350	E-COMMERCE INTERP E-Commerce Entrepreneur/Level 2	9-12,30,31 /Y	VO	1.0	BUS DP @7 BUS ED 1 @2 ELECT DP @7 %G
8200360	E-COM SYS ANL & DSN E-Commerce Systems Analysis and Design/Level 2	9-12,30,31 /Y	VO	1.0	BUS DP @7 BUS ED 1 @2 ELECT DP @7 %G

ADMINISTRATIVE & INFORMATION SUPPORT CAREER PATH (BAPF)

8212500	ADMIN OFFICE SPEC Administrative Office Specialist	9-12,30,31 /			
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12 /Y	PA	1.0	ACCTING @7 7 G BANK FINC@7 7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G MANAG SUPV7 G MKTG 1 @2 MKTG MGMT 7 G WEB DEV 7 G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8212110	ADM OFFICE TECH 1 Administrative Office Technology 1/ Level 2	9-12,3031 /Y	VO	1.0	BUS ED 1 @2 CLERICAL @7 7 G MANAG SUPV7 G SECRETAR 7 G STENO@4 @7 TC COOP E@7 VOE @7
8212120	BUS SOFTWARE APPS 1 Business Software Applications 1/ Level 2	9-12,3031 /Y	VO	1.0	BUS ED 1 @2 CLERICAL @7 7 G MANAG SUP@7 G SECRETAR 7 G STENO@4 @7 TC COOP E@7 VOE @7
8209510	DIGITAL DESIGN 1 Digital Design 1/Level 2	9-12,3031 /Y	PA	1.0	BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 @2 MANAG SUPV7 G SECRETAR 7 G STENO@4 @7 TC COOP E@7 ELECT DP @7 R ENG&TEC ED1 @2
8212410	ADM OFFICE TECH 2 Administrative Office Technology 2/ Level 2	9-12,3031 /Y	VO	1.0	BUS ED 1 @2 CLERICAL @7 7 G MANAG SUPV7 G SECRETAR 7 G STENO@4 @7 TC COOP E@7 VOE @7
8212420	ADM OFFICE TECH 3 Administrative Office Technology 3/ Level 2	9-12,3031 /Y	VO	1.0	BUS ED 1 @2 CLERICAL @7 7 G MANAG SUPV7 G SECRETAR 7 G STENO@4 @7 TC COOP E@7 VOE @7
8212160	BUSINESS SOFTWARE 2 Business Software Applications 2/ Level 2	9-12,3031 /Y	VO	1.0	BUS ED 1 @2 CLERICAL @7 7 G MANAG SUPV7 G SECRETAR 7 G STENO@4 @7 TC COOP E@7 VOE @7

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COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
B070330	ADMIN OFFICE SPEC Administrative Office Specialist	30, 31 /			
OTA0040	INFO TECH ASSISTANT Information Technology Assistant	9-12,30,31 /Y	PA	1.0	ACCTING @7 7 G ADMIN ASST7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 INFO TECH 7 G MANAG SUPV7 G
OTA0041	FRONT DESK SPEC Front Desk Specialist	9-12,30,31 /Y	VO	2.0	ADMIN ASST7 G BUS ED 1 @2 CLERICAL @7 7 G MANAG SUPV7 G SECRETAR 7 G STENO @4 @7 TC COOP E@7 VOE @7
OTA0030	ASST DIG PROD DSN Assistant Digital Production Designer	9-12,30,31 /Y	PA	1.0	ADMIN ASST7 G BUS ED 1 @2 CLERICAL @7 7 G MANAG SUPV7 G SECRETAR 7 G STENO @4 @7 TC COOP E@7 VOE @7
OTA0043	ADMIN OFFICE SPEC Administrative Office Specialist	9-12,30,31 /Y	VO	3.0	ADMIN ASST7 G BUS ED 1 @2 CLERICAL @7 7 G MANAG SUPV7 G SECRETAR 7 G STENO @4 @7 TC COOP E@7 VOE @7
^a 8200200	^a COURT REPORTING Court Reporting	9-12,30,31 /			
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12 /Y	PA	1.0	ACCTING @7 7 G BANK FINC@7 7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G MANAG SUPV7 G MKTG 1 @2 MKTG MGMT 7 G WEB DEV 7 G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8200230	^a COURT REPORTING 1 Court Reporting 1/Level 2 COURT REPORT TECH 1 Court Reporting Technology 1/ Level 2	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 SECRETAR 7 G TC COOP E@7 VOE @7
8200240	^a COURT REPORTING 2 Court Reporting 2/Level 2 COURT REPORT TECH 2 Court Reporting Technology 2/ Level 2	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 SECRETAR 7 G TC COOP E@7 VOE @7
8200250	^a COURT REPORTING 3 Court Reporting 3/Level 2 COURT REPORT TECH 3 Court Reporting Technology 3/ Level 2	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 SECRETAR 7 G TC COOP E@7 VOE @7
8200260	COURT REPORT TECH 4 Court Reporting Technology 4/Level 2	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 SECRETAR 7 G TC COOP E@7 VOE @7
^a 8200270	^a COURT REPORT TECH 5 Court Reporting Technology 5/Level 2	9-12,30,31 /Y	VO	1.0	
^a 8200280	^a COURT REPORT TECH 6 Court Reporting Technology 6/Level 2	9-12,30,31 /Y	VO	1.0	
^a 8200290	^a COURT REPORT TECH 7 Court Reporting Technology 7/Level 2	9-12,30,31 /Y	VO	1.0	
^a 8200291	^a COURT REPORT TECH 8 Court Reporting Technology 8/Level 2	9-12,30,31 /Y	VO	1.0	
8306100	^a COURT RPT TRANSCRIP @COURT RPT TECHNOLOGY ^a Court Reporting Transcriptionist @Court Reporting Technology	9-12,30,31 /			
8306110	FUND OF COURT REPORT Fundamentals of Court Reporting/ Level 2	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 SECRETAR 7 G TC COOP E@7 VOE @7

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12	/Y PA	1.0	ACCTING @7 7 G BANK FINC@7 7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G MANAG SUPV7 G MKTG 1 @2 MKTG MGMT 7 G WEB DEV 7 G
8200230	^a COURT REPORTING 1 Court Reporting 1/Level 2 COURT REPORT TECH 1 Court Reporting Technology 1/ Level 2	9-12,30,31	/Y VO	1.0	BUS ED 1 @2 SECRETAR 7 G TC COOP E@7 VOE @7
8200240	^a COURT REPORTING 2 Court Reporting 2/Level 2 COURT REPORT TECH 2 Court Reporting Technology 2/ Level 2	9-12,30,31	/Y VO	1.0	BUS ED 1 @2 SECRETAR 7 G TC COOP E@7 VOE @7
8200250	^a COURT REPORTING 3 Court Reporting 3/Level 2 COURT REPORT TECH 3 Court Reporting Technology 3/ Level 2	9-12,30,31	/Y VO	1.0	BUS ED 1 @2 SECRETAR 7 G TC COOP E@7 VOE @7
8200260	COURT REPORT TECH 4 Court Reporting Technology 4/Level 2	9-12,30,31	/Y VO	1.0	BUS ED 1 @2 SECRETAR 7 G TC COOP E@7 VOE @7
B600100	^a COURT RPT TRANSCRIP @COURT RPT TECHNOLOGY ^a Court Reporting Transcriptionist @Court Reporting Technology	30,31	/		
OTA0039	COURT REPORT FUND Court Reporting Fundamentals	9-12,30,31	/Y VO	1.0	BUS ED 1 @2 SECRETAR 7 G TC COOP E@7 VOE @7
OTA0044	^a COURT REPORT TRAN I Court Reporting Transcriptionist I COURT REPORT TECH I Court Reporting Technology I	9-12,30,31	/Y VO	1.0	BUS ED 1 @2 SECRETAR 7 G TC COOP E@7 VOE @7

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA
GRADUATION

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	REQUIREMENTS	CREDIT	CERTIFICATION
OTA0045	^a COURT REPORT TRAN II Court Reporting Transcriptionist II COURT REPORT TECH II Court Reporting Technology II	9-12,30,31 /Y	VO	2.0	BUS ED 1 @2 SECRETAR 7 G TC COOP E@7 VOE @7
OTA0046	^a COURT REPORT TRANIII Court Reporting Transcriptionist III COURT REPORT TECHIII Court Reporting Technology III	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 SECRETAR 7 G TC COOP E@7 VOE @7
B700600	COURT REPORTING 2 Court Reporting 2	30,31 /			
OTA0047	COURT RPT SCOPIST 1 Court Reporting Scopist 1	9-12,30,31 /Y	VO	4.0	BUS ED 1 @2 SECRETAR 7 G STENO @4 @7 TC COOP E@7 VOE @7
B700700	COURT REPORTING 3 Court Reporting 3	30,31 /			
OTA0048	COURT REPORTER 1 Court Reporter 1	9-12,30,31 /Y	VO	2.5	BUS ED 1 @2 SECRETAR 7 G STENO @4 @7 TC COOP E@7 VOE @7
OTA0049	COURT REPORTER 2 Court Reporter 2	9-12,30,31 /Y	VO	2.5	BUS ED 1 @2 SECRETAR 7 G STENO @4 @7 TC COOP E@7 VOE @7
OTA0051	COURT REPORTER 3 Court Reporter 3	9-12,30,31 /Y	VO	2.5	BUS ED 1 @2 SECRETAR 7 G STENO @4 @7 TC COOP E@7 VOE @7
OTA0052	COURT REPORTER 4 Court Reporter 4	9-12,30,31 /Y	VO	2.5	BUS ED 1 @2 SECRETAR 7 G STENO @4 @7 TC COOP E@7 VOE @7
8218100	CUSTOMER ASST TECH Customer Assistance Technology	9-12,30,31 /			

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12	/Y PA	1.0	ACCTING @7 7 G BANK FINC@7 7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G MANAG SUPV7 G MKTG 1 @2 MKTG MGMT 7 G WEB DEV 7 G
8218010	CUSTOMER ASSIST 1 Customer Assistance 1/Level 2	9-12, 3031	/Y VO	1.0	BUS ED 1 @2 CLERICAL @7 7 G SECRETAR 7 G TC COOP E@7 VOE @7
8218020	CUSTOMER ASSIST 2 Customer Assistance 2/Level 2	9-12, 3031	/Y VO	1.0	BUS ED 1 @2 CLERICAL @7 7 G SECRETAR 7 G TC COOP E@7 VOE @7
B079100	CUSTOMER ASST TECH Customer Assistance Technology	30, 31	/		
OTA0040	INFO TECH ASSISTANT Information Technology Assistant	9-12,30,31	/Y PA	1.0	ACCTING @7 7 G ADMIN ASST7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 INFO TECH 7 G MANAG SUPV7 G
MNA0083	CUSTOMER CARE REP Customer Care Representative	9-12,30,31	/Y VO	1.0	BUS ED 1 @2 CLERICAL @7 7 G SECRETAR 7 G TC COOP E@7 VOE @7
MNA0086	CUSTOMER CARE SPEC Customer Care Specialist	9-12,30,31	/Y VO	1.0	BUS ED 1 @2 CLERICAL @7 7 G SECRETAR 7 G TC COOP E@7 VOE @7
8212000	LEGAL ADMIN SPEC Legal Administrative Specialist	9-12,30,31	/		

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12	/Y PA	1.0	ACCTING @7 7 G BANK FINC@7 7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G MANAG SUPV7 G MKTG 1 @2 MKTG MGMT 7 G WEB DEV 7 G
8212110	ADM OFFICE TECH 1 Administrative Office Technology 1/ Level 2	9-12,3031	/Y VO	1.0	BUS ED 1 @2 CLERICAL @7 7 G MANAG SUPV7 G SECRETAR 7 G STENO @4 @7 TC COOP E@7 VOE @7
8212120	BUS SOFTWARE APPS 1 Business Software Applications 1/ Level 2	9-12,3031	/Y VO	1.0	BUS ED 1 @2 CLERICAL @7 7 G MANAG SUP@7 G SECRETAR 7 G STENO @4 @7 TC COOP E@7 VOE @7
8215130	LEG ASPECTS BUSINESS Legal Aspects of Business/Level 3	9-12,30,31	/Y VO	1.0	ACCTING @7 7 G BUS ED 1 @2 MANAG SUPV7 G CLERICAL @7 7 G SECRETAR 7 G STENO @4 @7 TC COOP E@7 VOE @7
8212230	LEGAL OFFICE TECH 1 Legal Office Technology 1/Level 2	9-12,3031	/Y VO	1.0	BUS ED 1 @2 CLERICAL @7 7 G SECRETAR 7 G STENO @4 @7 TC COOP E@7 VOE @7
8212240	LEGAL OFFICE TECH 2 Legal Office Technology 2/Level 2	9-12,3031	/Y VO	1.0	BUS ED 1 @2 CLERICAL @7 7 G SECRETAR 7 G STENO @4 @7 TC COOP E@7 VOE @7

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SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8212250	LEG OFFICE TECH 3 Legal Office Technology 3/Level 2	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 CLERICAL @7 7 G SECRETAR 7 G STENO@4 @7 TC COOP E@7 VOE @7
B072000	LEGAL ADMIN SPEC Legal Administrative Specialist	30, 31 /			
OTA0040	INFO TECH ASSISTANT Information Technology Assistant	9-12,30,31 /Y	PA	1.0	ACCTING @7 7 G ADMIN ASST7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 INFO TECH 7 G MANAG SUPV7 G
OTA0041	FRONT DESK SPEC Front Desk Specialist	9-12,30,31 /Y	VO	2.0	ADMIN ASST7 G BUS ED 1 @2 CLERICAL @7 7 G MANAG SUPV7 G SECRETAR 7 G STENO@4 @7 TC COOP E@7 VOE @7
OTA0042	ADMIN SUPPORT Administrative Support	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 CLERICAL @7 7 G SECRETAR 7 G STENO@4 @7 TC COOP E@7 VOE @7
OTA0050	LEGAL ADMIN SPEC Legal Administrative Specialist	9-12,30,31 /Y	VO	3.0	BUS ED 1 @2 CLERICAL @7 7 G SECRETAR 7 G STENO@4 @7 TC COOP E@7 VOE @7
8212300	MEDICAL ADMIN SPEC Medical Administrative Specialist	9-12,30,31 /			

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12	/Y PA	1.0	ACCTING @7 7 G BANK FINC@7 7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G MANAG SUPV7 G MKTG 1 @2 MKTG MGMT 7 G WEB DEV 7 G
8212110	ADM OFFICE TECH 1 Administrative Office Technology 1/ Level 2	9-12,3031	/Y VO	1.0	BUS ED 1 @2 CLERICAL @7 7 G MANAG SUPV7 G SECRETAR 7 G STENO @4 @7 TC COOP E@7 VOE @7
8212120	BUS SOFTWARE APPS 1 Business Software Applications 1/ Level 2	9-12,3031	/Y VO	1.0	BUS ED 1 @2 CLERICAL @7 7 G MANAG SUP@7 G SECRETAR 7 G STENO @4 @7 TC COOP E@7 VOE @7
8212201	MEDICAL OFF TECH 1 Medical Office Technology 1/Level 2	9-12, 3031	/Y VO	1.0	BUS ED 1 @2 CLERICAL @7 7 G SECRETAR 7 G STENO @4 @7 TC COOP E@7 VOE @7
8212202	MEDICAL OFF TECH 2 Medical Office Technology 2/Level 2	9-12, 3031	/Y VO	1.0	BUS ED 1 @2 CLERICAL @7 7 G SECRETAR 7 G STENO @4 @7 TC COOP E@7 VOE @7
8212203	MEDICAL OFF TECH 3 Medical Office Technology 3/Level 2	9-12, 3031	/Y VO	1.0	BUS ED 1 @2 CLERICAL @7 7 G SECRETAR 7 G STENO @4 @7 TC COOP E@7 VOE @7

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SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8212204	MED OFF INTERNSHIP Medical Office Internship/Level 2	9-12, 3031 /Y	VO	1.0	BUS ED 1 @2 CLERICAL @7 7 G SECRETAR 7 G STENO@4 @7 TC COOP E@7 VOE @7
B070300	MEDICAL ADMIN SPEC Medical Administrative Specialist	30, 31 /			
OTA0040	INFO TECH ASSISTANT Information Technology Assistant	9-12,30,31 /Y	PA	1.0	ACCTING @7 7 G ADMIN ASST7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 INFO TECH 7 G MANAG SUPV7 G
OTA0041	FRONT DESK SPEC Front Desk Specialist	9-12,30,31 /Y	VO	2.0	ADMIN ASST7 G BUS ED 1 @2 CLERICAL @7 7 G MANAG SUPV7 G SECRETAR 7 G STENO@4 @7 TC COOP E@7 VOE @7
OTA0631	MEDICAL OFFICE TECH Medical Office Technologist	9-12,30,31 /Y	VO	2.0	BUS ED 1 @2 CLERICAL @7 7 G SECRETAR 7 G STENO@4 @7 TC COOP E@7 VOE @7 ADMIN ASST7 G MED ASST @7 7 G LAB TECH @7 7 G PRAC NURS@7 7 G REG NURSE 7 G
OTA0651	MEDICAL ADMIN SPEC Medical Administrative Specialist	9-12,30,31 /Y	VO	2.0	BUS ED 1 @2 CLERICAL @7 7 G SECRETAR 7 G STENO@4 @7 TC COOP E@7 VOE @7 ADMIN ASST7 G MED ASST @7 7 G LAB TECH @7 7 G PRAC NURS@7 7 G REG NURSE 7 G

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
SUPPLEMENTAL PROGRAMS					
^a 8200330	^a APLD CPT BUS SK 2 Applied Computer Business Skills 2/ Level 2	9-12,30,31 /S	VO	0.5	BOOKKEEPIN @4 @7 G BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G ELECT DP @7 %G SECRETAR 7 G STENO @4 @7 TC COOP ED @7 TEC ELEC @7 7 G VOE @7 8500375 BLUEPR PROF SUCCESS 9-12,30,31 /Y VO 1.0 AGRICULTUR 1 @2 BUS ED 1 @2 Blueprint for Professional Success/ Level 2 FAM CON SCI 1 MKTG 1 @2 PRAC NURSE @7 %G ENG&TEC ED 1 @2 8200420 BUSINESS COOP MGMT 9-12,30,31 /M VO MULTIPLE ANY BUSINESS ED/TC COOP ED E G Business Cooperative Education BUS ED 1 @2 TC COOP ED @7 Organization and Management VOE @7 B079998 BUSINESS COOP MGMT 30,31 /M VO ANY BUSINESS ED/TC COOP ED E G Business Cooperative Education BUS ED 1 @2 TC COOP ED @7 Organization and Management VOE @7 8200410 BUSINESS COOP ED OJT 9-12,30,31 /M VO MULTIPLE ANY BUSINESS ED G Business Cooperative Education-OJT ANY BUSINESS ED/TC COOP ED E G BUS ED 1 @2 TC COOP ED @7 VOE @7 8200100 BUSINESS DIR STUDY 11-12,30,31/M VO MULTIPLE ANY BUSINESS ED G Business Education Directed Study BUS ED 1 @2 8299990 BUSINESS ED TRAN 9-12,30,31 / NA Business Education Transfer B000000 BUSINESS ED TRAN 30,31 / NA Business Education Transfer 8200110 BUSINESS KEYBOARDING 6-8 /S BUS ED 1 @2 TC COOP ED @7 Business Keyboarding VOE @7 8200130 BUS KEY & CAR PLAN 6-8 /S BUS ED 1 @2 TC COOP ED @7 Business Keyboarding and Career Planning VOE @7 8200120 BUSINESS LEAD SKLS 6-8 /S BUS ED 1 @2 TC COOP ED @7 Business Leadership Skills VOE @7 8200520 CPTR APPL BUS 1 6-8 /S BUS ED 1 @2 COMPU SCI 6 Computer Applications in Business 1 TC COOP ED @7 ENG&TEC ED 1 @2 VOE @7 8200220 CPTR APPL BUS 1 & CP 6-8 /S BUS ED 1 @2 COMPU SCI 6 Computer Applications in Business 1 TC COOP ED @7 ENG&TEC ED 1 @2 and Career Planning VOE @7 8200210 CPTR APPL BUSINESS 2 6-8 /S BUS ED 1 @2 COMPU SCI 6 Computer Applications in Business 2 TC COOP ED @7 VOE @7 ENG&TEC ED 1 @2 8200211 CPTR APPL BUSINESS 3 6-8 /S BUS ED 1 @2 CLERICAL @7 7 G Computer Applications in Business 3 COMPU SCI 6 SECRETAR 7 G STENO @4 @7 TC COOP ED @7 VOE @7 8200212 CPTR APPL BUSINESS 4 6-8 /S BUS ED 1 @2 CLERICAL @7 7 G Computer Applications in Business 4 COMPU SCI 6 SECRETAR 7 G STENO @4 @7 TC COOP ED @7 VOE @7

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION									
8207010	EMERG TECH BUSINESS Emerging Technology in Business/ Level 2	9-12,30,31 /Y	VO	1.0	ACCTING	@7	7	G	BOOKKEEPIN	@4	@7	7	G	
					BUS DP	@7	%G		BUS ED	1	@2			
					CLERICAL	@7	7	G	COMPU SCI	6				
					MANAG SUPV	@7	%G		SECRETAR	7	G			
					TC COOP ED	T	G		TEC ELEC	@7				
					VOE	@7	7	G	ELECT DP	@7	%G			
					TEC ELEC	@7	7	G						
8370350	INTRO BUSINESS Introduction to Business, Management and Administration	6-8	/S		BUS ED	1	@2		TC COOP ED	@7				
					VOE	@7								
8370360	INTRO BUSINESS & CP Introduction to Business, Management and Administration/Career Planning	6-8	/S		BUS ED	1	@2		TC COOP ED	@7				
					VOE	@7								

| EDUCATION & TRAINING CAREER CLUSTER |
-----PROFESSIONAL SUPPORT SERVICES CAREER PATH (EDPA)

8909000	PRIN OF TEACHING Principles of Teaching	9-12,30,31 /												
8909010	INTRO TEACH PROF Introduction to the Teaching Profession/Level 2	9-12,30,31 /Y	VO	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER									
8909020	HUMAN GROWTH/DEV Human Growth and Development/Level 2	9-12,30,31 /Y	VO	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER									
8909030	FOUND/CURR & INSTRUC Foundations of Curriculum and Instruction/Level 3	9-12,30,31 /Y	VO	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER									
8909040	PRIN TEACHING INTERN Principles of Teaching Internship/ Level 2	9-12,30,31 /Y	VO	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER									
P131299	PRIN OF TEACHING Principles of Teaching	30,31 /												
EDG0312	SUBSTITUTE TEACHER Substitute Teacher	9-12,30,31 /Y	VO	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER									
EDG0317	TEACHER ASSISTANT Teacher Assistant	9-12,30,31 /Y	VO	3.0	ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER									

TEACHING/TRAINING CAREER PATH (EDPC)

V200206	CHILD CARE CTR OPS Child Care Center Operations	30,31 /												
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SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
HEV0160	CHILD CARE CTR DIR Child Care Center Director	9-12,30,31 /Y	VO		CH CARE TR7 G E CHILD E@0 FAM CON SC1 HME EC OC¢7 %7 %G HOMEMAKIN¢7 @2 %7 %G PK PRIMARYH PRESCH ED L PRIMARY E@B
8405100	EARLY CHILDHOOD ED Early Childhood Education	9-12,30,31 /			
8405110	EARLY CHILDHOOD ED 1 Early Childhood Education 1/Level 2	9-12,30,31 /Y	VO	1.0	E CHILD E@0 FAM CON SC1 HME EC OC¢7 HOMEMAKIN@2 ¢7 PK PRIMARYH PRESCH ED L PRIMARY E@B
8405120	EARLY CHILDHOOD ED 2 Early Childhood Education 2/Level 2	9-12,30,31 /Y	VO	1.0	E CHILD E@0 FAM CON SC1 HME EC OC¢7 HOMEMAKIN@2 ¢7 PK PRIMARYH PRESCH ED L PRIMARY E@B
8405130	EARLY CHILDHOOD ED 3 Early Childhood Education 3/Level 3	9-12,30,31 /Y	PA	1.0	E CHILD E@0 FAM CON SC1 HME EC OC¢7 HOMEMAKIN@2 ¢7 PK PRIMARYH PRESCH ED L PRIMARY E@B
8405140	EARLY CHILDHOOD ED 4 Early Childhood Education 4/Level 3	9-12,30,31 /Y	VO	1.0	E CHILD E@0 FAM CON SC1 HME EC OC¢7 HOMEMAKIN@2 ¢7 PK PRIMARYH PRESCH ED L PRIMARY E@B
E300100	EARLY CHILD ED Early Childhood Education	30,31 /			
HEV0870	CHILD CARE WKR 1 Child Care Worker 1	9-12,30,31 /Y	VO	1.0	CH CARE TR7 G E CHILD E@0 FAM CON SC1 PK PRIMARYH PRESCH ED L PRIMARY E@B

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
HEV0871	CHILD CARE WORKER 2 Child Care Worker 2	9-12,30,31 /Y	VO	1.0	CH CARE TR7 G E CHILD E@0 FAM CON SC1 PK PRIMARYH PRESCH ED L PRIMARY E@B
HEV0872	TEACHER AIDE (PRESC) Teacher Aide (Preschool)	9-12,30,31 /Y	PA	1.0	CH CARE TR7 G E CHILD E@0 FAM CON SC1 PK PRIMARYH PRESCH ED L PRIMARY E@B
HEV0873	PRESCHOOL TEACHER Preschool Teacher	9-12,30,31 /Y	VO	1.0	CH CARE TR7 G E CHILD E@0 FAM CON SC1 PK PRIMARYH PRESCH ED L PRIMARY E@B
V200410	FAM CHILD CARE TRAIN Family Child Care Training	30,31 /			
HEV0119	FAM CHILD CARE PROV Family Child Care Provider	9-12,30,31 /Y	VO		CH CARE TR7 G E CHILD E@0 FAM CON SC1 HME EC OC#7 %7 %G HOMEMAKIN#7 @2 %7 %G PK PRIMARYH PRESCH ED L PRIMARY E@B
V200310	^a SCH AGE CER TRAIN @SCH AGE PROF CERT ^a School Age Certification Training @School Age Professional Certificate	30,31 /			
HEV0112	CHILD CARE WKR - SA Child Care Worker - School Age	9-12,30,31 /Y	VO		E CHILD E@0 FAM CON SC1 PK PRIMARYH PRESCH ED L PRIMARY E@B
HEV0190	SCHOOL AGE CARE PROF School Age Care Professional	9-12,30,31 /Y	VO	0.5	E CHILD E@0 FAM CON SC1 PK PRIMARYH PRESCH ED L PRIMARY E@B
^a 8500160	^a S SCH AGE CER TRAIN Secondary School Age Certification Training	9-12,30,31 /			

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
^a 8500170	^a S SCH AGE CER TRAIN1 Secondary School Age Certification Training 1/Level 2	9-12	/Y VO	1.0	E CHILD E@0 FAM CON SC1 PK PRIMARYH PRESCH ED L PRIMARY E@B SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
^a 8500175	^a S SCH AGE CER TRAIN2 Secondary School Age Certification Training 2/Level 2	9-12	/Y VO	1.0	E CHILD E@0 FAM CON SC1 PK PRIMARYH PRESCH ED L PRIMARY E@B SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
^a 8500180	^a S SCH AGE CER TRAIN3 Secondary School Age Certification Training 3/Level 2	9-12	/Y VO	1.0	E CHILD E@0 FAM CON SC1 PK PRIMARYH PRESCH ED L PRIMARY E@B SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
^a 8500185	^a S SCH AGE CER TRAIN4 Secondary School Age Certification Training 4/Level 2	9-12	/Y VO	1.0	E CHILD E@0 FAM CON SC1 PK PRIMARYH PRESCH ED L PRIMARY E@B SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE

GENERAL PROGRAMS

8500310	CHILD DEVELOPMENT Child Development/Level 2	9-12,30,31	/S VO	0.5	E CHILD ED @0 PK PRIMARY H PRIMARY ED @B FAM CON SCI 1 PRESCH ED L
8500410	ED & TRAIN - OJT Education and Training Cooperative Education - OJT	9-12,30,31	/M VO	MULTIPLE	ANY HOME EC/TC COOP ED E G E CHILD ED @0 HME EC OCC \$7 PK PRIMARY H PRIMARY ED @B FAM CON SCI 1 HOMEMAKING \$7 @2 PRESCH ED L
8500100	ED & TRAINING DS Education and Training Directed Study	9-12,30,31	/M VO	MULTIPLE	ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER ANY HOME ECONOMICS ED G E CHILD ED @0 PK PRIMARY H PRIMARY ED @B FAM CON SCI 1 PRESCH ED L
8409100	FUND OF CAREER IN ED Fundamentals of Careers in Education	6-8	/S		SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE FAM CON SCI 1
8409200	FUND OF CAREERS & CP Fundamentals of Careers in Education and Career Planning	6-8	/S		FAM CON SCI 1

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8440350	INTRO ED & TRAIN Introduction to Education and Training	6-8	/S		ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER E CHILD ED @0 FAM CON SCI 1 PK PRIMARY H PRESCH ED L PRIMARY ED @B
^a 8440360	^a INTRO ED & TRAIN/CP Introduction to Education and Training and Career Planning	6-8	/S		ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER E CHILD ED @0 FAM CON SCI 1 PK PRIMARY H PRESCH ED L PRIMARY ED @B

APPRENTICESHIP PROGRAMS

V20021R	EARLY CHILD ED-APPR Early Childhood Education - Apprenticeship	30,31	/		
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|ENERGY CAREER CLUSTER|

ENERGY

I460303	ELEC LINE SERV & RPR Electrical Line Service and Repair	30,31	/						
EEV0151	ELECT POWERLINE INS1 Electrical Powerline Installer 1	9-12,30,31	/Y	VO	MULTIPLE	ELECTRICA@7	7	G	
						TEC ELEC @7	7	G	
9700200	ENERGY GENERATION TE Energy Generation Technician	9-12,30,31	/						
8006110	ENERGY INDUSTRY FUND Energy Industry Fundamentals/Level 3	9-12,30,31	/Y	VO	1.0	ELECTRICA@7	7	G	
						IND ENGR 7	G		
						ENG&TEC ED1 @2			
						AGRI 1	@2		
8006120	INTRO TO ALT ENERGY Introduction To Alternative Energy - Level 3	9-12,30,31	/	EQ	1.0	ELECTRICA@7	7	G	
						IND ENGR 7	G		
						ENG&TEC ED1 @2			
						AGRI 1	@2		
						SCIENCE 4			
						PHYSICS 1	@4		
						CHEM 1	@4		
						ERTH/SPA S1			
9700210	ENERGY GENERATION TE Energy Generation Technician/Level 3	9-12,30,31	/		1.0	ELECTRICA@7	7	G	
						IND ENGR 7	G		
						ENG&TEC ED1 @2			

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS		CREDIT	CERTIFICATION		
9700300	ENERGY TECHNICIAN Energy Technician	9-12,30,31 /						
8006110	ENERGY INDUSTRY FUND Energy Industry Fundamentals/Level	9-12,30,31 /Y	VO		1.0	ELECTRICA@7 7 G IND ENGR 7 G ENG&TEC ED1 @2 AGRI 1 @2		
8727210	ELECTRICITY 1 Electricity 1/Level 2	9-12,30,31 /Y	VO		1.0	ELECTRICA@7 7 G IND ENGR 7 G ENG&TEC ED1 @2		
8006120	INTRO TO ALT ENERGY Introduction To Alternative Energy - Level 3	9-12,30,31 /	EQ		1.0	ELECTRICA@7 7 G IND ENGR 7 G ENG&TEC ED1 @2 AGRI 1 @2 SCIENCE 4 PHYSICS 1 @4 CHEM 1 @4 ERTH/SPA S1		
8727220	ELECTRICITY 2 Electricity 2/Level 2	9-12,30,31 /Y	VO		1.0	ELECTRICA@7 7 G IND ENGR 7 G ENG&TEC ED1 @2		
X600600	ENERGY TECHNICIAN Energy Technician	30,31 /						
ETP0090	ENERGY TECHNICIAN 1 Energy Technician 1	30,31 /Y	VO		2.0	ELECTRICA@7 7 G IND ENGR 7 G ENG&TEC ED1 @2		
ETP0091	ENERGY TECHNICIAN 2 Energy Technician 2	30,31 /Y	VO		2.0	ELECTRICA@7 7 G IND ENGR 7 G ENG&TEC ED1 @2		
X500200	NATURAL GAS DIST Natural Gas Operations and Distribution	30,31 /						
TRA0650	NATURAL GAS DIST 1 Natural Gas Operations and Distribution 1	30,31 /	VO		1.0	NAT GAS TECH		
TRA0651	NATURAL GAS DIST 2 Natural Gas Operations and Distribution 2	30,31 /	VO		1.0	NAT GAS TECH		
TRA0652	NATURAL GAS DIST 3 Natural Gas Operations and Distribution 3	30,31 /	VO		1.0	NAT GAS TECH		
PMT0070	WELDER ASSISTANT 1 Welder Assistant 1	9-12,30,31 /Y	PA		1.0	METAL WORK7 G WELDING @7 7 G		

SECTION 5

CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	COURSES MEETING		
					CERTIFICATION		
PMT0071	WELDER ASSISTANT 2 Welder Assistant 2	9-12,30,31 /Y	PA	1.0	METAL WORK7 WELDING @7	7	G
TRA0086	TRACTOR OPERATOR Tractor Operator	9-12,30,31 /Y	VO	1.0	OPER ENGR@7	7	G
TRA0080	TRACTOR TRAIL TRK DR Tractor Trailer Truck Driver	9-12,30,31 /Y	VO	2.0	COMM DRIV@7	7	G
8006100	SOLAR ENERGY TECH Solar Energy Technology	9-12,30,31 /					
8006110	ENERGY INDUSTRY FUND Energy Industry Fundamentals/Level 3	9-12,30,31 /Y	VO	1.0	ELECTRICA@7 IND ENGR 7 ENG&TEC ED1 @2 AGRI 1 @2	7 G	G
8006120	INTRO TO ALT ENERGY Introduction To Alternative Energy - Level 3	9-12,30,31 /	EQ	1.0	ELECTRICA@7 IND ENGR 7 ENG&TEC ED1 @2 AGRI 1 @2 SCIENCE 4 PHYSICS 1 @4 CHEM 1 @4 ERTH/SPA S1	7 G	G
8006130	SOLAR ENERGY TECH Solar Energy Technician - Level 3	9-12,30,31 /		1.0	ELECTRICA@7 IND ENGR 7 ENG&TEC ED1 @2	7 G	G
A600200	SOLAR ENERGY TECH Solar Energy Technology	30,31 /					
EEV0200	SOLAR ENERGY TECH Solar Energy Technician	9-12,30,31 /Y	VO	3.0	ELECTRICA@7 IND ENGR 7 ENG&TEC ED1 @2	7 G	G
X600400	SOLAR PHOTO SYS DSGN Solar Photovoltaic System Design, Installation and Maintenance	30,31 /					
EEV0205	SOLAR PHOTO HELPER Solar Photovoltaic System Installation and Maintenance Helper	30,31 /	VO	1.0	AC HEAT M@7 BLDG CONS@7 BLDG MAIN@7 ELECTRICA@7 TEC CONST@7	7 G G G G	G
EEV0206	SOLAR PHOTO HELPER Solar Photovoltaic System Installation and Maintenance Technician	30,31 /	VO	3.0	AC HEAT M@7 BLDG CONS@7 BLDG MAIN@7 ELECTRICA@7 TEC CONST@7	7 G G G G	G

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION		
X600300	SOLAR THER SYS DSGN Solar Thermal System Design, Installation and Maintenance	30,31	/				
EEV0203	SOL THER SY DSG, HLP Solar Thermal System Design, Installation and Maintenance Helper	30,31	/	VO	2.0	AC HEAT M@7 7 G BLDG CONS@7 7 G BLDG MAIN@7 7 G ELECTRICA@7 7 G PLUMBIN @7 7 G TEC CONST@7 7 G	
EEV0204	SOL THER SY DSG, TEC Solar Thermal System Design, Installation and Maintenance Technician	30,31	/	VO	2.0	AC HEAT M@7 7 G BLDG CONS@7 7 G BLDG MAIN@7 7 G ELECTRICA@7 7 G PLUMBIN @7 7 G TEC CONST@7 7 G	
X600500	TURB GEN MAINT, INSP Turbine Generator Maintenance, Inspection and Repair	30,31	/				
EEV0140	TURB GEN MAINT TE I Turbine Generator Maintenance Technician I	30,31	/	VO	3.0	BLDG CONS@7 7 G IND ENGR 7 G MILLWRIGHT7 G TEC CONST@7 7 G	
EEV0141	TURB GEN MAINT TE II Turbine Generator Maintenance Technician II	30,31	/	VO	3.0	BLDG CONS@7 7 G IND ENGR 7 G MILLWRIGHT7 G TEC CONST@7 7 G	
EEV0142	TURB GEN MAINT MECH Turbine Generator Maintenance Mechanic	30,31	/	VO	3.0	BLDG CONS@7 7 G IND ENGR 7 G MILLWRIGHT7 G TEC CONST@7 7 G	
ENERGY - SUPPLEMENTAL PROGRAMS							
9700420	ENERGY OJT Energy Cooperative Education - OJT	9-12,30,31	/M	VO	MULTIPLE	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE	
9701000	ENERGY DIRECTED ST Energy Directed Study	1112,30,31	/M	VO	MULTIPLE	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE	
9790300	FUND OF ENERGY Fundamentals of Energy	6-8	/S			ELECTRICAL @7 7 G ENG&TEC ED 1 @2	IND ENGR 7 G
9709350	INTRO TO ENERGY Introduction to Energy	6-8	/S			ELECTRICAL @7 7 G ENG&TEC ED 1 @2	IND ENGR 7 G
9709360	INTRO TO ENERGY & CP Introduction to Energy and Career Planning	6-8	/S			ELECTRICAL @7 7 G ENG&TEC ED 1 @2	IND ENGR 7 G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
APPRENTICESHIP PROGRAMS					
X50010R	ELEC METER RPR-APP Electric Meter Repairer - Apprenticeship	30,31	/		
I46030R	ELEC LINESER&RPR-APP Electrical Line Service and Repair - Apprenticeship	30,31	/		

ENGINEERING & TECHNOLOGY EDUCATION CAREER CLUSTER					

ENGINEERING & TECHNOLOGY CAREER PATH (SCPA)					

8601900	ADV TECHNOLOGY APPS Advanced Technology Applications/ Level 3	9-12,30,31	/M PA	3.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8600080	AEROSPACE TECHS Aerospace Technologies	9-12,30,31	/		
8600580	AEROSPACE TECH 1 Aerospace Technologies 1/Level 3	9-12,30,31	/Y EQ	1.0	AEROSPACE 7 G ENG 7 G ENG TEC 7 G ENG&TEC ED1 @2
8600680	AEROSPACE TECH 2 Aerospace Technologies 2/Level 3	9-12,30,31	/Y EQ	1.0	AEROSPACE 7 G ENG 7 G ENG TEC 7 G ENG&TEC ED1 @2
8601780	AEROSPACE TECH 3 Aerospace Technologies 3/Level 3	9-12,30,31	/Y EQ	1.0	AEROSPACE 7 G ENG 7 G ENG TEC 7 G ENG&TEC ED1 @2
8401100	APPLD ENGINEER TECH Applied Engineering Technology	9-12,30,31	/		
8401110	APPLD ENG TECH I Applied Engineering Technology I/ Level 3	9-12	/Y PA	1.0	ENG 7 G ENG TEC 7 G ENG&TEC ED1 @2
8401120	APPLD ENG TECH II Applied Engineering Technology II/ Level 3	9-12	/Y VO	1.0	ENG 7 G ENG TEC 7 G ENG&TEC ED1 @2
8401130	APPLD ENG TECH III Applied Engineering Technology III/ Level 3	9-12	/Y PA	1.0	ENG 7 G ENG TEC 7 G ENG&TEC ED1 @2

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
9410100	APPLIED ROBOTICS Applied Robotics	9-12,30,31 /			
9410110	FOUND OF ROBOTICS Foundations of Robotics/Level 3	9-12,30,31 /Y	PA	1.0	ENG 7 G ENG TEC 7 G ROBOTICS 7 G ENG&TEC ED1 @2
9410120	ROBOTIC DESIGN ESS Robotic Design Essentials/Level 3	9-12,30,31 /Y	PA	1.0	ENG 7 G ENG TEC 7 G ROBOTICS 7 G ENG&TEC ED1 @2
9410130	ROBOTIC SYSTEMS Robotic Systems/Level 3	9-12,30,31 /Y	PA	1.0	ENG 7 G ENG TEC 7 G ROBOTICS 7 G ENG&TEC ED1 @2
9410140	ROBOTIC APPL CAP Robotic Applications Capstone/Level 3	9-12,30,31 /Y	PA	1.0	ENG 7 G ENG TEC 7 G ROBOTICS 7 G ENG&TEC ED1 @2
8601000	COMMUNICATIONS TECH Communications Technology	9-12,30,31 /			
8601010	COMMUNICATION TECH 1 Communications Technology 1/Level 3	9-12,30,31 /Y	PA	1.0	COMM ART @7 7 G GRAPH ART@4 PRINTING @7 7 G ENG&TEC ED1 @2
8601020	COMMUNICATION TECH 2 Communications Technology 2/Level 3	9-12,30,31 /Y	PA	1.0	COMM ART @7 7 G GRAPH ART@4 PRINTING @7 7 G ENG&TEC ED1 @2
8601030	COMMUNICATION TECH 3 Communications Technology 3/Level 3	9-12,30,31 /Y	PA	1.0	COMM ART @7 7 G GRAPH ART@4 PRINTING @7 7 G ENG&TEC ED1 @2
^a 8600800	^a DRAFT/ILL DESIGN TEC Drafting/Illustrative Design Technology	9-12,30,31 /			
^a 8600810	^a DRAFT/ILL DESIGN TE1 Drafting/Illustrative Design Technology 1/Level 2	9-12,30,31 /Y	PA	1.0	GRAPH ART@4 ENG 7 G ENG&TEC ED1 @2 DRAFTING @7 7 G
^a 8600820	^a DRAFT/ILL DESIGN TE2 Drafting/Illustrative Design Technology 2/Level 2	9-12,30,31 /Y	PA	1.0	GRAPH ART@4 ENG 7 G ENG&TEC ED1 @2 DRAFTING @7 7 G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	COURSES MEETING		
					CERTIFICATION		
^a 8600830	^a DRAFT/ILL DESIGN TE3 Drafting/Illustrative Design Technology 3/Level 3	9-12,30,31 /Y	PA	1.0	GRAPH ART@4 ENG 7 G ENG&TEC ED1 @2 DRAFTING @7 7 G		
8600900	ELECTRONICS TECH Electronics Technology	9-12,30,31 /					
8600910	ELECTRONICS TECH 1 Electronics Technology 1/Level 3	9-12,30,31 /Y	VO	1.0	ELECTRICA@7 7 G ELECTRONI@7 7 G ENG 7 G ENG&TEC ED1 @2 TEC ELEC @7 7 G		
8600920	ELECTRONICS TECH 2 Electronics Technology 2/Level 3	9-12,30,31 /Y	VO	1.0	ELECTRICA@7 7 G ELECTRONI@7 7 G ENG 7 G ENG&TEC ED1 @2 TEC ELEC @7 7 G		
8600930	ELECTRONICS TECH 3 Electronics Technology 3/Level 3	9-12,30,31 /Y	VO	1.0	ELECTRICA@7 7 G ELECTRONI@7 7 G ENG 7 G ENG&TEC ED1 @2 TEC ELEC @7 7 G		
9400300	ENGINEERING PATHWAYS Engineering Pathways	9-12,30,31 /					
8600550	INTROD ENGR DESIGN Introduction to Engineering Design/ Level 3	9-12,30,31 /Y	PA	1.0	ENG 7 G PLTW PTE 7 G ENG&TEC ED1 @2		
8600520	PRIN OF ENGINEERING Principles of Engineering/Level 3	9-12,30,31 /Y	PA	1.0	ENG 7 G PLTW PTE 7 G ENG&TEC ED1 @2		
8600530	DIGITAL ELECTRONICS Digital Electronics/Level 3	9-12,30,31 /Y	PA	1.0	ENG 7 G PLTW PTE 7 G ENG&TEC ED1 @2		
8600560	COMP INTG MAN Computer Integrated Manufacturing/ Level 3	9-12,30,31 /Y	PA	1.0	ENG 7 G PLTW PTE 7 G ENG&TEC ED1 @2		
8600590	CIV ENGR & ARCH Civil Engineering and Architecture/ Level 3	9-12,30,31 /Y	PA	1.0	ENG 7 G PLTW PTE 7 G ENG&TEC ED1 @2		
8600620	AEROSPACE ENGINEER Aerospace Engineering/Level 3	9-12,30,31 /Y	PA	1.0	ENG 7 G PLTW PTE 7 G ENG&TEC ED1 @2		

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8600630	BIOTECH ENGINEERING Biotechnical Engineering/Level 3	9-12,30,31 /Y	PA	1.0	ENG 7 G PLTW PTE 7 G ENG&TEC ED1 @2
8600650	ENGR DESIGN & DEV Engineering Design and Development/ Level 3	9-12,30,31 /Y	PA	1.0	ENG 7 G PLTW PTE 7 G ENG&TEC ED1 @2
^a 8607000	^a ENGINEERING TECH Engineering Technology	9-12,30,31 /			
^a 8600570	^a ENGINEERING TECH 1 Engineering Technology 1/Level 2	9-12,30,31 /Y	PA	1.0	ENG 7 G ENG TEC 7 G ENG&TEC ED1 @2
^a 8600670	^a ENGINEERING TECH 2 Engineering Technology 2/Level 2	9-12,30,31 /Y	PA	1.0	ENG 7 G ENG TEC 7 G ENG&TEC ED1 @2
^a 8601770	^a ENGINEERING TECH 3 Engineering Technology 3/Level 3	9-12,30,31 /Y	PA	1.0	ENG 7 G ENG TEC 7 G ENG&TEC ED1 @2
8404100	MARITIME TECHNOLOGY Maritime Technology	9-12,30,31 /			
8404110	MARITIME 1 Maritime 1/Level 3	9-12,30,31 /Y	VO	1.0	SEAMANSHIP7 G ENG&TEC ED1 @2
8404120	MARITIME 2 Maritime 2/Level 3	9-12,30,31 /Y	VO	1.0	SEAMANSHIP7 G ENG&TEC ED1 @2
8404130	MARITIME 3 Maritime 3/Level 3	9-12,30,31 /Y	VO	1.0	SEAMANSHIP7 G ENG&TEC ED1 @2
8404140	MARITIME 4 Maritime 4/Level 3	9-12,30,31 /Y	VO	1.0	SEAMANSHIP7 G ENG&TEC ED1 @2
8601100	MAT & PROCS TECH Materials and Processes Technology	9-12,30,31 /			
8601110	MAT & PROCS TECH 1 Materials and Processes Technology 1/Level 2	9-12,30,31 /Y	PA	1.0	CAB WOODW@7 7 G ENG 7 G ENG&TEC ED1 @2 WOODWORKI@4
8601120	MAT & PROCS TECH 2 Materials and Processes Technology 2/Level 2	9-12,30,31 /Y	PA	1.0	CAB WOODW@7 7 G ENG 7 G ENG&TEC ED1 @2 WOODWORKI@4
8601130	MAT & PROCS TECH 3 Materials and Processes Technology 3/Level 3	9-12,30,31 /Y	PA	1.0	CAB WOODW@7 7 G ENG 7 G ENG&TEC ED1 @2 WOODWORKI@4

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8601300	POWER & ENERGY TECH Power and Energy Technology	9-12,30,31 /			
8601310	POWER & ENERGY TECH1 Power and Energy Technology 1/Level 2	9-12,30,31 /Y	VO	1.0	AIR MECH @7 7 G AUTO IND @7 %7 %G AUTO MECH@7 7 G DIESEL ME@7 7 G ENG 7 G GASENG RP@7 7 G ENG&TEC ED1 @2 TEC MECH 7 G TRANSPORT 7 G
8601320	POWER & ENERGY TECH2 Power and Energy Technology 2/Level 2	9-12,30,31 /Y	VO	1.0	AIR MECH @7 7 G AUTO IND @7 %7 %G AUTO MECH@7 7 G DIESEL ME@7 7 G ENG 7 G GASENG RP@7 7 G ENG&TEC ED1 @2 TEC MECH 7 G TRANSPORT 7 G
8601330	POWER & ENERGY TECH3 Power and Energy Technology 3/Level 3	9-12,30,31 /Y	VO	1.0	AIR MECH @7 7 G AUTO IND @7 @7 %G AUTO MECH@7 7 G DIESEL ME@7 7 G ENG 7 G GASENG RP@7 7 G ENG&TEC ED1 @2 TEC MECH 7 G TRANSPORT 7 G
8604000	PRODUCTION TECH Production Technology	9-12,30,31 /			
8600540	PRODUCTION TECH 1 Production Technology 1/Level 2	9-12,30,31 /Y	PA	1.0	ENG 7 G ENG&TEC ED1 @2 AUTO PROD 7 G ENG TEC 7 G
8600640	PRODUCTION TECH 2 Production Technology 2/Level 2	9-12,30,31 /Y	PA	1.0	ENG 7 G ENG&TEC ED1 @2 AUTO PROD 7 G ENG TEC 7 G
8601740	PRODUCTION TECH 3 Production Technology 3/Level 3	9-12,30,31 /Y	PA	1.0	ENG 7 G ENG&TEC ED1 @2 AUTO PROD 7 G ENG TEC 7 G
9400100	SCIENTIFIC VISUALIZ Scientific Visualization	9-12,30,31 /			

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12	/Y PA	1.0	ACCTING @7 7 G BANK FINC@7 7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G MANAG SUPV7 G MKTG 1 @2 MKTG MGMT 7 G WEB DEV 7 G
9400110	PRIN SCIEN VISUALIZ Principles of Scientific Visualization/Level 3	9-12	/Y VO	1.0	COMPU SCI 6 ENG 7 G SCI VIZ 7 G ENG&TEC ED1 @2
9400120	DATA MODELING Data Modeling/Level 3	9-12	/Y PA	1.0	COMPU SCI 6 ENG 7 G SCI VIZ 7 G ENG&TEC ED1 @2
9400130	ADV APPS SCI VISUAL Advanced Applications in Scientific Visualization/Level 3	9-12	/Y PA	1.0	COMPU SCI 6 ENG 7 G SCI VIZ 7 G ENG&TEC ED1 @2
9400140	SCIVIZ INTERNSHIP Scientific Visualization Internship /Level 2	9-12	/Y VO	1.0	COMPU SCI 6 ENG 7 G SCI VIZ 7 G ENG&TEC ED1 @2
8401000	TECHNICAL DESIGN Technical Design	9-12,30,31 /			
8401010	TECHNICAL DESIGN 1 Technical Design 1, Level 3	9-12,30,31 /	PA	1.0	DRAFTING @7 7 G ENG 7 G GRAPH ART@4 ENG&TEC ED1 @2
8401020	TECHNICAL DESIGN 2 Technical Design 2, Level 3	9-12,30,31 /	PA	1.0	DRAFTING @7 7 G ENG 7 G GRAPH ART@4 ENG&TEC ED1 @2
8401030	TECHNICAL DESIGN 3 Technical Design 3, Level 3	9-12,30,31 /	PA	1.0	DRAFTING @7 7 G ENG 7 G GRAPH ART@4 ENG&TEC ED1 @2
9400900	TECHNOLOGICAL SYS Technological Systems	9-12,30,31 /			

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8600410	COMMUNICATION SYSTEM Communications Systems/Level 2	9-12,30,31 /S	PA	0.5	ENG&TEC ED1 @2 GRAPH ART@4 COMM ART @7 7 G PRINTING @7 7 G ENG 7 G
8600420	POWER TRANS SYSS Power and Transportation Systems/ Level 2	9-12,30,31 /S	VO	0.5	AUTO MECH@7 7 G AUTO IND @7 %7 %G AIR MECH @7 7 G ENG&TEC ED1 @2 TEC MECH 7 G GASENG RP@7 7 G TRANSPORT 7 G ENG 7 G DIESEL ME@7 7 G
8600430	PRODUCTION SYSTEMS Production Systems/Level 2	9-12,30,31 /S	VO	0.5	ENG&TEC ED1 @2 AUTO PROD 7 G ENG 7 G ENG TEC 7 G
8600440	TECH DESIGN SYSTEMS Technical Design Systems/Level 2	9-12,30,31 /S	PA	0.5	ENG&TEC ED1 @2 ENG 7 G ENG TEC 7 G GRAPH ART@4 DRAFTING @7 7 G
8600450	ELECTRONICS SYSTEMS Electronics Systems/Level 2	9-12,30,31 /S	VO	0.5	ELECTRONI@7 7 G ENG&TEC ED1 @2 TEC ELEC @7 7 G ENG 7 G ELECTRICA@7 7 G ENG TEC 7 G
8600460	ENGINEERING SYSTEMS Engineering Systems/Level 2	9-12,30,31 /S	VO	0.5	ENG&TEC ED1 @2 ENG TEC 7 G ENG 7 G
8600470	APPLIED TECH SYSS Applied Technology Systems/Level 2	9-12,30,31 /S	VO	0.5	ENG&TEC ED1 @2 ENG TEC 7 G ENG 7 G
8600480	CONSTRUCT TECH SYS Construction Technology Systems/ Level 2	9-12,30,31 /S	VO	0.5	ENG&TEC ED1 @2 ENG TEC 7 G ENG 7 G BLDG CONS@7 7 G BLDG MAIN@7 7 G DRAFTING @7 7 G CARPENTRY@7 7 G TEC CONST@7 7 G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
9400910	AEROSPACE TECH SYS Aerospace Technology Systems/Level 2	9-12,30,31 /S	VO	0.5	ENG&TEC ED1 @2 ENG TEC 7 G ENG 7 G AEROSPACE 7 G
9400920	ROBOTICS SYSTEMS Robotics Systems/Level 2	9-12,30,31 /S	PA	0.5	ENG&TEC ED1 @2 ENG TEC 7 G ENG 7 G ROBOTICS 7 G
8600100	TECHNOLOGY STUDIES Technology Studies	9-12,30,31 /			
8600510	TECH STUDIES 1 Technology Studies 1/Level 2	9-12,30,31 /Y	PA	1.0	ENG 7 G ENG&TEC ED1 @2
8600610	TECH STUDIES 2 Technology Studies 2/Level 2	9-12,30,31 /Y	PA	1.0	ENG 7 G ENG&TEC ED1 @2
8601710	TECH STUDIES 3 Technology Studies 3/Level 2	9-12,30,31 /Y	PA	1.0	ENG 7 G ENG&TEC ED1 @2
^a 8600400	^a TECHNOLOGY SYSTEMS Technology Systems	9-12,30,31 /			
8600410	COMMUNICATION SYSTEM Communications Systems/Level 2	9-12,30,31 /S	PA	0.5	ENG&TEC ED1 @2 GRAPH ART@4 COMM ART @7 7 G PRINTING @7 7 G ENG 7 G
8600420	POWER TRANS SYSS Power and Transportation Systems/ Level 2	9-12,30,31 /S	VO	0.5	AUTO MECH@7 7 G AUTO IND @7 %7 %G AIR MECH @7 7 G ENG&TEC ED1 @2 TEC MECH 7 G GASENG RP@7 7 G TRANSPORT 7 G ENG 7 G DIESEL ME@7 7 G
8600430	PRODUCTION SYSTEMS Production Systems/Level 2	9-12,30,31 /S	VO	0.5	ENG&TEC ED1 @2 AUTO PROD 7 G ENG 7 G ENG TEC 7 G
8600440	TECH DESIGN SYSTEMS Technical Design Systems/Level 2	9-12,30,31 /S	PA	0.5	ENG&TEC ED1 @2 ENG 7 G ENG TEC 7 G GRAPH ART@4 DRAFTING @7 7 G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8600450	ELECTRONICS SYSTEMS Electronics Systems/Level 2	9-12,30,31 /S	VO	0.5	ELECTRONI@7 7 G ENG&TEC ED1 @2 TEC ELEC @7 7 G ENG 7 G ELECTRICA@7 7 G ENG TEC 7 G
8600460	ENGINEERING SYSTEMS Engineering Systems/Level 2	9-12,30,31 /S	VO	0.5	ENG&TEC ED1 @2 ENG TEC 7 G ENG 7 G
8600470	APPLIED TECH SYSS Applied Technology Systems/Level 2	9-12,30,31 /S	VO	0.5	ENG&TEC ED1 @2 ENG TEC 7 G ENG 7 G
8600480	CONSTRUCT TECH SYS Construction Technology Systems/ Level 2	9-12,30,31 /S	VO	0.5	ENG&TEC ED1 @2 ENG TEC 7 G ENG 7 G BLDG CONS@7 7 G BLDG MAIN@7 7 G DRAFTING @7 7 G CARPENTRY@7 7 G TEC CONST@7 7 G
8601200	TRANSPORTATION TECH Transportation Technology	9-12,30,31 /			
8601210	TRANS TECH 1 Transportation Technology 1/Level 2	9-12,30,31 /Y	VO	1.0	AIR MECH @7 7 G AUTO IND @7 %7 %G AUTO MECH@7 7 G DIESEL ME@7 7 G ENG 7 G GASENG RP@7 7 G ENG&TEC ED1 @2 TRANSPORT 7 G
8601220	TRANS TECH 2 Transportation Technology 2/Level 2	9-12,30,31 /Y	VO	1.0	AIR MECH @7 7 G AUTO IND @7 %7 %G AUTO MECH@7 7 G DIESEL ME@7 7 G ENG 7 G GASENG RP@7 7 G ENG&TEC ED1 @2 TRANSPORT 7 G
8601230	TRANS TECH 3 Transportation Technology 3/Level 3	9-12,30,31 /Y	VO	1.0	AIR MECH @7 7 G AUTO IND @7 %7 %G AUTO MECH@7 7 G DIESEL ME@7 7 G ENG 7 G GASENG RP@7 7 G ENG&TEC ED1 @2 TRANSPORT 7 G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8601800	WORK-BASED EXP Work-Based Experience/Level 2	9-12,30,31 /M	VO	3.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
-----GENERAL PROGRAMS-----					
8600042	EX OF PDCT TECH & CP Exploration of Production Technology and Career Planning	6-8	/S		BLDG CONST @7 7 G BLDG MAINT @7 7 G CARPENTRY @7 7 G ENG 7 G TEC CONSTR @7 7 G ENG&TEC ED 1 @2 WOODWORKING @4 AUTO PROD 7 G ENG TEC 7 G METAL WORK 7 G PLTW PTE 7 G
8600220	EXPL0 TECH & CAR PLA Exploring Technology and Career Planning	6-8	/S		ENG 7 G ENG&TEC ED 1 @2 ENG TEC 7 G PLTW PTE 7 G
8600000	INTEGRATED TECH ST Integrated Technology Studies	6-8	/		
8600010	INTROD TO TECH Introduction to Technology	6-8	/S		ENG&TEC ED1 @2 ENG 7 G ENG TEC 7 G PLTW PTE 7 G
8600020	EXPL0 TECH Exploring Technology	6-8	/S		ENG&TEC ED1 @2 ENG 7 G ENG TEC 7 G PLTW PTE 7 G
8600030	EXPLOR COMM TECH Exploration of Communications Technology	6-8	/		ENG&TEC ED1 @2 GRAPH ART@4 COMM ART @7 7 G PRINTING @7 7 G ENG 7 G
8600040	EXPLOR OF PROD TECH Exploration of Production Technology	6-8	/		METAL WORK7 G ENG 7 G ENG&TEC ED1 @2 AUTO PROD 7 G CARPENTRY@7 7 G TEC CONST@7 7 G BLDG MAIN@7 7 G BLDG CONS@7 7 G ENG TEC 7 G PLTW PTE 7 G WOODWORKI@4
8600050	EXPLOR AEROSPACE TEC Exploration of Aerospace Technology	6-8	/S		ENG&TEC ED1 @2 ENG TEC 7 G PLTW PTE 7 G ENG 7 G AEROSPACE 7 G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
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SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	REQUIREMENTS	CREDIT	CERTIFICATION
8600240	EX OF TRANS TECH Exploration of Transportation Technology	6-8	/S		ENG&TEC ED1 @2 ENG 7 G AUTO MECH@7 7 G DIESEL ME@7 7 G GASENG RP@7 7 G AUTO IND @7 %7 %G TRANSPORT 7 G AIR MECH @7 7 G TEC MECH 7 G
8600250	EX POWER & ENGR TECH Exploration of Power and Energy Technology	6-8	/S		ENG&TEC ED1 @2 TRANSPORT 7 G AUTO MECH@7 7 G GASENG RP@7 7 G DIESEL ME@7 7 G ENG 7 G TEC MECH 7 G AUTO IND @7 %7 %G
8600060	EX ENGINEERING TECH Exploration of Engineering Technology	6-8	/S		ENG&TEC ED1 @2 PLTW PTE 7 G ENG 7 G ENG TEC 7 G
8600070	EX ROBOTICS TECH Exploration of Robotics Technology	6-8	/S		ENG&TEC ED1 @2 ENG TEC 7 G ENG 7 G ROBOTICS 7 G
8600090	EX TECH DSGN TECH Exploration of Technical Design Technology	6-8	/S		ENG&TEC ED1 @2 ENG 7 G DRAFTING @7 7 G GRAPH ART@4 ENG TEC 7 G PLTW PTE 7 G
8600091	EX ELECTRONICS TECH Exploration of Electronics Technology	6-8	/S		ENG&TEC ED1 @2 ENG 7 G ENG TEC 7 G ELECTRONI@7 7 G TEC ELEC @7 7 G ELECTRICA@7 7 G PLTW PTE 7 G
8600092	EX MARITIME TECH Exploration of Maritime Technology	6-8	/S		ENG&TEC ED1 @2 ENG 7 G ENG TEC 7 G SEAMANSHIP7 G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8600093	EX LOG & SUPPLY CHAIN Exploration of Logistics and Supply Chain Technology	6-8	/S		ENG&TEC ED1 @2 ENG 7 G ENG TEC 7 G LOG TECH 7 G BUS ED 1
8600094	EX GREEN CONST & ARC Exploration of Green Construction and Architecture Technology	6-8	/S		ENG&TEC ED1 @2 ENG 7 G BLDG CONS@7 7 G BLDG MAIN@7 7 G ENG TEC 7 G TEC DRAFT 7 G TEC CONST@7 7 G CARPENTRY@7 7 G DRAFTING @7 7 G WOODWORKI@4 PLTW PTE 7 G
8600360	INT TECH ST & CP Integrated Technology Studies and Career Planning	6-8	/		
8600012	INTRO TEC & CAR PLA Introduction to Technology and Career Planning	6-8	/S		ENG&TEC ED1 @2 ENG TEC 7 G ENG 7 G PLTW PTE 7 G
8600220	EXPLO TECH & CAR PLA Exploring Technology and Career Planning	6-8	/S		ENG 7 G ENG&TEC ED1 @2 ENG TEC 7 G PLTW PTE 7 G
8600032	EX COMM TECH & CP Exploration of Communications Technology and Career Planning	6-8	/S		ENG&TEC ED1 @2 PRINTING @7 7 G GRAPH ART@4 COMM ART @7 7 G ENG 7 G
8600042	EX OF PDCT TECH & CP Exploration of Production Technology and Career Planning	6-8	/S		BLDG CONS@7 7 G BLDG MAIN@7 7 G CARPENTRY@7 7 G ENG 7 G TEC CONST@7 7 G ENG&TEC ED1 @2 WOODWORKI@4 AUTO PROD 7 G ENG TEC 7 G METAL WORK7 G PLTW PTE 7 G

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8600052	EX AERO TECH & CP Exploration of Aerospace Technology and Career Planning	6-8	/S		ENG&TEC ED1 @2 ENG TEC 7 G PLTW PTE 7 G ENG 7 G AEROSPACE 7 G
8600242	EX TRANS TECH & CP Exploration of Transportation Technology and Career Planning	6-8	/S		ENG&TEC ED1 @2 ENG 7 G AUTO MECH@7 7 G DIESEL ME@7 7 G GASENG RP@7 7 G AUTO IND @7 %7 %G TRANSPORT 7 G AIR MECH @7 7 G TEC MECH 7 G
8600252	EX POWER & ENERGY CP Exploration of Power and Energy Technology and Career Planning	6-8	/S		ENG&TEC ED1 @2 TRANSPORT 7 G AUTO MECH@7 7 G GASENG RP@7 7 G DIESEL ME@7 T G ENG 7 G TEC MECH 7 G AUTO IND @7 %7 %G
8600062	EX ENGINEER TECH& CP Exploration of Engineering Technology and Career Planning	6-8	/S		ENG&TEC ED1 @2 PLTW PTE 7 G ENG 7 G ENG TEC 7 G
8600072	EX ROBOTICS TECH& CP Exploration of Robotics Technology and Career Planning	6-8	/S		ENG&TEC ED1 @2 ENG TEC 7 G ENG 7 G ROBOTICS 7 G
8600082	EX TECH DSN TECH& CP Exploration of Technical Design Technology and Career Planning	6-8	/S		ENG&TEC ED1 @2 ENG 7 G DRAFTING @7 7 G GRAPH ART@4 ENG TEC 7 G PLTW PTE 7 G
8600095	EX ELECTRONICS & CP Exploration of Electronics Technology and Career Planning	6-8	/S		ENG&TEC ED1 @2 ENG 7 G ENG TEC 7 G ELECTRONI@7 7 G TEC ELEC @7 7 G ELECTRICA@7 7 G PLTW PTE 7 G

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8600096	EX MARITIME & CP Exploration of Maritime Technology and Career Planning	6-8	/S		ENG&TEC ED1 @2 ENG 7 G ENG TEC 7 G SEAMANSHIP7 G
8600097	EX LOG & SUPPLY/CP Exploration of Logistics and Supply Chain Technology & Career Planning	6-8	/S		ENG&TEC ED1 @2 ENG 7 G ENG TEC 7 G LOG TECH 7 G BUS ED 1
8600098	EX GR CONSTRUCT/CP Exploration of Green Construction and Architecture and Career Planning	6-8	/S		ENG&TEC ED1 @2 ENG 7 G BLDG CONS@7 7 G BLDG MAIN@7 7 G ENG TEC 7 G TEC DRAFT 7 G TEC CONST@7 7 G CARPENTRY@7 7 G DRAFTING @7 7 G WOODWORKI@4 PLTW PTE 7 G

FINANCE CAREER CLUSTER

FINANCIAL & INVESTMENT PLANNING CAREER PATH (FNPA)

^ 8815100	FINANCE	9-12,30,31 /			
	Finance				
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12	/Y	PA	1.0
8815150	BUS COMM & TECH Business Communications and Technology/Level 2	9-12,30,31 /Y	PA	1.0	BANK FINC@7 7 G BUS ED 1 @2 MKTG 1 @2 MKTG MGMT 7 G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8203310	ACCOUNTING APPS 1 Accounting Applications 1/Level 3	9-12,30,31 /Y	VO	1.0	ACCTING @7 7 G BOOKKEEPING @4 @7 7 G BUS ED 1 @2 TC COOP ED @7 VOE @7 MANAG SUP @7 7 G MKTG 1 @2 MKTG MGMT 7 G BANK FINC @7 7 G
8815110	ECONOMICS & FIN SERV Economics and Financial Services/ Level 3	9-12,30,31 /Y	VO	1.0	BANK FINC @7 7 G BUS ED 1 @2 MKTG 1 @2 MKTG MGMT 7 G
2102360	AP MICROECON Advanced Placement Microeconomics	/S	EC	0.5	ECONOMICS @1 SOCIAL SCI 1 HISTORY @1
2102365	AP MICROECON INNOV Advanced Placement Microeconomics Innovation (CAPE)	/S	EC	0.5	ECONOMICS @1 SOCIAL SCI 1 HISTORY @1
2102370	AP MACROECON Advanced Placement Macroeconomics	/S	EC	0.5	ECONOMICS @1 SOCIAL SCI 1 HISTORY @1
8815130	FINANCIAL INTERNSHIP Financial Internship/Level 2	9-12,30,31 /Y	VO	1.0	BANK FINC @7 7 G BUS ED 1 @2 MKTG 1 @2 MKTG MGMT 7 G
8501420	Finance OJT Finance Cooperative Education - OJT	9-12,30,31 /M	VO	1.0	ANY BUSINESS ED G ANY BUSINESS ED/TC COOP ED E G BUS ED 1 @2 MKTG 1 @2 TC COOP ED @7 VOE @7 BANK FINC @7 7 G MKTG MGMT 7 G
8815120	PERSONAL FINANCE Personal Finance/Level 3	9-12,30,31 /Y	VO	1.0	BANK FINC @7 7 G BUS ED 1 @2 MKTG 1 @2 MKTG MGMT @7 7 G
8515300	GLOBAL FINANCE Global Finance	9-12,30,31 /			

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
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SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12 /Y	PA	1.0	ACCTING @7 7 G BANK FINC@7 7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G MANAG SUPV7 G MKTG 1 @2 MKTG MGMT 7 G WEB DEV 7 G
8815150	BUS COMM & TECH Business Communications and Technology/Level 2	9-12,30,31 /Y	PA	1.0	BANK FINC@7 7 G BUS ED 1 @2 MKTG 1 @2 MKTG MGMT 7 G
8203310	ACCOUNTING APPS 1 Accounting Applications 1/Level 3	9-12,30,31 /Y	VO	1.0	ACCTING @7 7 G BOOKKEEPI@4 @7 7 G BUS ED 1 @2 TC COOP E@7 VOE @7 MANAG SUP@7 7 G MKTG 1 @2 MKTG MGMT 7 G BANK FINC@7 7 G
8815160	MANAGERIAL ACCT Managerial Accounting/Level 3	9-12,30,31 /Y	VO	1.0	BANK FINC@7 7 G BUS ED 1 @2 MKTG 1 @2 MKTG MGMT 7 G
8815130	FINANCIAL INTERNSHIP Financial Internship/Level 2	9-12,30,31 /Y	VO	1.0	BANK FINC@7 7 G BUS ED 1 @2 MKTG 1 @2 MKTG MGMT 7 G
8501420	Finance OJT Finance Cooperative Education - OJT	9-12,30,31 /M	VO	1.0	ANY BUSINESS ED G ANY BUSINESS ED/TC COOP ED E G BUS ED 1 @2 MKTG 1 @2 TC COOP E@7 VOE @7 BANK FINC@7 7 G MKTG MGMT 7 G
8815170	BUS IN A GLOBAL ECON Business in a Global Economy/Level 3	9-12,30,31 /Y	VO	1.0	BANK FINC@7 7 G BUS ED 1 @2 MKTG 1 @2 MKTG MGMT 7 G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
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SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	REQUIREMENTS	CREDIT	CERTIFICATION
F100200	PERS FINANCE PLAN Personal Financial Planning	30,31 /			
BRC0080	ESTATE PLANNING Estate Planning	9-12,30,31 /Y	VO	PER FIN PL7	G
BRC0081	INCOME TAX PLANNING Income Tax Planning	9-12,30,31 /Y	VO	PER FIN PL7	G
BRC0082	INVESTMENT PLANNING Investment Planning	9-12,30,31 /Y	VO	PER FIN PL7	G
BRC0083	EMP BENEFIT & RETIRE Employee Benefits And Retirement Planning	9-12,30,31 /Y	VO	PER FIN PL7	G
BRC0084	PRIN OF FIN & INS Principles Of Financial And Insurance Planning	9-12,30,31 /Y	VO	PER FIN PL7	G
BRC0089	PERS FIN PLANNING Personal Financial Planning (Capstone)	9-12,30,31 /Y	VO	PER FIN PL7	G
----- INSURANCE SERVICES CAREER PATH (FNPD) -----					
M810015	INS CLAIMS ADJUSTER Insurance Claims Adjuster	30,31 /			
RMI0094	INSURANCE CLAIMS ADJ Insurance Claims Adjuster	9-12,30,31 /Y	VO	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE	
M810016	INS CUST SERV REP Insurance Customer Service Representative	30,31 /			
RMI0093	(INS) CUST SRV REP (Insurance) Customer Service Representative	9-12,30,31 /Y	VO	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE	
M810014	INS GEN LINES AGENT Insurance General Lines Agent	30, 31 /			
RMI0096	INS GEN LINES AGENT Insurance General Lines Agent	9-12,30,31 /Y	VO	1.0 INSURANCE 7	G
M810017	LIFE INS MKT Life Insurance Marketing	30,31 /			
RMI0071	INS SALES AGT Insurance Sales Agent - Life, Health and Annuities	9-12,30,31 /Y	VO	INSURANCE 7	G
^a M810012	^a LIFE INSURANCE MKT Life Insurance Marketing	30,31 /			

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
^a RM10099	INS SALES AGT Insurance Sales Agent - Life, Health and Annuities	9-12,30,31 /Y	VO		INSURANCE 7 G
M810021	PERS LINES INS AGENT Personal Lines Insurance Agent (20-44)	30, 31 /			
RM10603	PERSONAL LINES AGENT Personal Agent (20-44)	9-12,30,31 /Y	VO		INSURANCE 7 G
GENERAL PROGRAMS					
8501420	Finance OJT Finance Cooperative Education - OJT	9-12,30,31 /M	VO	1.0	ANY BUSINESS ED G ANY BUSINESS ED/TC COOP ED E G BUS ED 1 @2 MKTG 1 @2 TC COOP ED @7 VOE @7 BANK FINC @7 7 G MKTG MGMT 7 G
8501000	FINANCE DIRECTED ST Finance Directed Study	1112,30,31 /M	VO	MULTIPLE	ANY BUSINESS ED G BUS ED 1 @2 MKTG 1 @2
8540400	FUND OF FINANCE Fundamentals of Finance	6-8 /S			BUS ED 1 @2 MKTG 1 @2 TC COOP ED @7 VOE @7
8540350	INTRO TO FINANCE Introduction to Finance	6-8 /S			BUS ED 1 @2 MKTG 1 @2 TC COOP ED @7 VOE @7
8540360	INTRO TO FINANCE/CP Introduction to Finance and Career Planning	6-8 /S			BUS ED 1 @2 MKTG 1 @2 TC COOP ED @7 VOE @7
8500120	PERS & FAM FIN Personal and Family Finance/Level 2	9-12,30,31 /S	VO	0.5	BUS ED 1 @2 FAM CON SCI 1

|GOVERNMENT & PUBLIC ADMINISTRATION CAREER CLUSTER|

GOVERNANCE CAREER PATH (GVPA)

I470304	PUBLIC WORKS Public Works	30,31 /			
ETC0003	PUB WORKS CADET 1 Public Works Cadet 1 (Core)	9-12,30,31 /Y	VO	1.0	ANY VOCATIONAL FIELD OR COVERAGE
ETC0004	PUB WORKS CADET 2 Public Works Cadet 2	9-12,30,31 /Y	VO	1.0	ANY VOCATIONAL FIELD OR COVERAGE
ETC0005	PUB WORKS CADET 3 Public Works Cadet 3	9-12,30,31 /Y	VO	1.0	ANY VOCATIONAL FIELD OR COVERAGE

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
PLANNING CAREER PATH (GVPD)					
8602000	EMER PLAN & RESPONSE Emergency Planning and Response	9-12,30,31 /			
8602010	EMER PLAN & RESP 1 Emergency Planning and Response 1/ Level 3	9-12 /	VO	1.0	FIRE FIGHT7 G LAW ENF 7 G PUB ADM 7 G PUB SERV 7 G
8602020	EMER PLAN & RESP 2 Emergency Planning and Response 2/ Level 3	9-12 /	VO	1.0	FIRE FIGHT7 G LAW ENF 7 G PUB ADM 7 G PUB SERV G G
8602030	EMER PLAN & RESP 3 Emergency Planning and Response 3/ Level 3	9-12 /	VO	1.0	FIRE FIGHT7 G LAW ENF 7 G PUB ADM 7 G PUB SERV 7 G
8602040	EMER PLAN & RESP 4 Emergency Planning and Response 4/ Level 3	9-12 /	VO	1.0	FIRE FIGHT7 G LAW ENF 7 G PUB ADM 7 G PUB SERV 7 G
SUPPLEMENTAL PROGRAMS					
8900500	FUND OF GOV & PS Fundamentals of Government and Public Administration	6-8 /S	VO		ANY PUB SERV OCC ED G TEC CONSTR @7 7 G
8601420	GOV & PA OJT Government and Public Administration Cooperative Education OJT	9-12,30,31 /M	VO	MULTIPLE	ANY PUB SERV OCC ED G
8603000	GOV & PA DIR STUDY Government and Public Administration Directed Study	1112,30,31 /M	VO	MULTIPLE	ANY PUB SERV OCC ED G
8900210	INTRO GOV & PS Introduction to Government and Public Administration	6-8 /S	VO		ANY PUB SERV OCC ED G TEC CONSTR @7 7 G
8900360	INTRO GOV & PS/CP Introduction to Government and Public Administration/Career Planning	6-8 /S	VO		ANY PUB SERV OCC ED G TEC CONSTR @7 7 G
8900330	PRIN PUB SERV Principles of Public Service/Level 2	9-12,30,31 /Y	VO	1.0	ANY PUB SERV OCC ED G EMT @7 7 G PARAMEDIC @7 7 G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
----- HEALTH SCIENCE CAREER CLUSTER -----					
THERAPEUTIC SERVICES CAREER PATH (HLPA) -----					
8417130	ALLIED HEALTH ASSIST	9-12,30,31 /			
8417100	Allied Health Assisting HEALTH SCI A & P Health Science Anatomy & Physiology /Level 3	9-12,30,31 /Y	EQ	1.0	ANY HEALTH OCCUP G
8417110	HEALTH SCIENCE FOUND Health Science Foundations/Level 3	9-12,30,31 /Y	VO	1.0	ANY HEALTH OCCUP G
8417131	ALLIED HEALTH ASSIS3 Allied Health Assisting 3/Level 2	10-12,30,31/Y	VO	1.0	ANY HEALTH OCCUP G
H170222	CENT STERILE PROC Central Sterile Processing Technology	30,31 /			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12,30,31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
STS0019	CEN STER MAT MGMT Central Sterile Service Materials Management	9-12,30,31 /Y	VO	1.0	CENTSERVTE7 G OPR RN 7 G SURG TECH 7 G
STS0013	CENT STER PROC TECH Central Sterile Processing Technician	9-12,30,31 /Y	VO	2.5	CENTSERVTE7 G OPR RN 7 G SURG TECH 7 G
^a H170220	^a CENT STERILE PRO TEC Central Sterile Processing Technology	30,31 /			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12,30,31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
STS0013	CENT STER PROC TECH Central Sterile Processing Technician	9-12,30,31 /Y	VO	2.5	CENTSERVTE7 G OPR RN 7 G SURG TECH 7 G
^a STS0014	^a CENT SER MAT MGMT Central Service Materials Management	9-12,30,31 /Y	VO	2.5	CENTSERVTE7 G OPR RN 7 G SURG TECH 7 G
8417140	DENTAL AIDE Dental Aide	9-12,30,31 /			
8417100	HEALTH SCI A & P Health Science Anatomy & Physiology /Level 3	9-12,30,31 /Y	EQ	1.0	ANY HEALTH OCCUP G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	REQUIREMENTS	CREDIT	CERTIFICATION
8417110	HEALTH SCIENCE FOUND Health Science Foundations/Level 3	9-12,30,31 /Y	VO	1.0	ANY HEALTH OCCUP G
8417141	DENTAL AIDE 3 Dental Aide 3/Level 3	10-12,30,31/Y	VO	1.0	DENTL ASS@7 7 G
H170106	DENTAL ASSISTING Dental Assisting	30,31 /			
DEA0725	INTRO TO DENTAL ASST Introduction to Dental Assisting	30,31 /	VO	0.5	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
DEA0726	DENT INFECT CTRL AST Dental Infection Control Assistant	30,31 /	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
DEA0727	DENTAL ASSISTING 1 Dental Assisting 1	30,31 /	VO	3.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
DEA0728	DENTAL ASSISTING 2 Dental Assisting 2	30,31 /	VO	3.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
H170113	DEN ASST TECH&MGATD Dental Assisting Technology and Management - ATD	30,31 /			
DEA0725	INTRO TO DENTAL ASST Introduction to Dental Assisting	30,31 /	VO	0.5	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
DEA0726	DENT INFECT CTRL AST Dental Infection Control Assistant	30,31 /	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
DEA0727	DENTAL ASSISTING 1 Dental Assisting 1	30,31 /	VO	3.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
DEA0728	DENTAL ASSISTING 2 Dental Assisting 2	30,31 /	VO	3.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417150	DENTAL LAB ASSIST Dental Laboratory Assisting	9-12,30,31 /			
8417100	HEALTH SCI A & P Health Science Anatomy & Physiology /Level 3	9-12,30,31 /Y	EQ	1.0	ANY HEALTH OCCUP G
8417110	HEALTH SCIENCE FOUND Health Science Foundations/Level 3	9-12,30,31 /Y	VO	1.0	ANY HEALTH OCCUP G
8417151	DEN LAB ASSIST 3 Dental Laboratory Assisting 3/Level 2	10-12,30,31/Y	VO	1.0	DEN LABTEC7 G
8417152	DEN LAB ASSIST 4 Dental Laboratory Assisting 4/Level 2	10-12,30,31/Y	VO	1.0	DEN LABTEC7 G
H170108	DENTAL LAB TECH Dental Laboratory Technology	30,31 /			

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
DTE0400	ORIENT DENTAL LAB Orientation to Dental Laboratory Technology	9-12,30,31 /Y	VO	DEN LABTEC7	G
DTE0433	DENTURE TECHNICIAN 1 Denture Technician 1	9-12,30,31 /Y	VO	2.0 DEN LABTEC7	G
DTE0434	DENTURE TECHNICIAN 2 Denture Technician 2	9-12,30,31 /Y	VO	2.0 DEN LABTEC7	G
DTE0435	ADV DENTURE TECH Advanced Denture Technician	9-12,30,31 /Y	VO	2.0 DEN LABTEC7	G
DTE0441	CROWN & BRIDGE TECH Crown and Bridge Technician	9-12,30,31 /Y	VO	1.5 DEN LABTEC7	G
DTE0461	CERAMIC TECHNICIAN Ceramic Technician	9-12,30,31 /Y	VO	1.5 DEN LABTEC7	G
DTE0451	IMPLANT TECHNICIAN Implant, Attachment & Hybrid Restoration Technician	9-12,30,31 /Y	VO	1.5 DEN LABTEC7	G
DTE0481	MASTER DENTL LAB TEC Master Dental Laboratory Technician	9-12,30,31 /Y	VO	1.0 DEN LABTEC7	G
^a H170103	^a DENTAL LAB TECH Dental Laboratory Technology	30,31 /			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12,30,31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
^a DEA0705	DENTURE TECHNICIAN 1 Denture Technician 1	9-12,30,31 /Y	VO	2.0 DEN LABTEC7	G
^a DEA0713	DENTURE TECHNICIAN 2 Denture Technician 2	9-12,30,31 /Y	VO	2.0 DEN LABTEC7	G
^a DEA0706	ADV DENTURE TECH Advanced Denture Technician	9-12,30,31 /Y	VO	2.5 DEN LABTEC7	G
^a DEA0709	CROWN & BRIDGE TECH Crown and Bridge Technician	9-12,30,31 /Y	VO	2.0 DEN LABTEC7	G
^a DEA0710	CERAMIC TECHNICIAN Ceramic Technician	9-12,30,31 /Y	VO	1.5 DEN LABTEC7	G
^a DEA0005	DENTAL LAB TECH Dental Lab Technician	9-12,30,31 /Y	VO	1.5 DEN LABTEC7	G
8417160	EKG AIDE Electrocardiograph Aide	9-12,30,31 /			

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
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SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8417100	HEALTH SCI A & P Health Science Anatomy & Physiology /Level 3	9-12,30,31 /Y	EQ	1.0	ANY HEALTH OCCUP G
8417110	HEALTH SCIENCE FOUND Health Science Foundations/Level 3	9-12,30,31 /Y	VO	1.0	ANY HEALTH OCCUP G
8417161	EKG AIDE 3 Electrocardiograph Aide 3/Level 2	10-12,30,31/S	VO	0.5	LAB TECH @7 7 G LAB ASST @7 7 G EKG 7 G REG NURSE 7 G PARAMEDIC@7 7 G MED ASST 7 G TEC X RAY@7 7 G RESP THER@7 7 G MED PROF 7 G PRAC NURS@7 %7 %G
8417170	EMERG MED RESPONDER Emergency Medical Responder	9-12,30,31 /			
8417100	HEALTH SCI A & P Health Science Anatomy & Physiology /Level 3	9-12,30,31 /Y	EQ	1.0	ANY HEALTH OCCUP G
8417110	HEALTH SCIENCE FOUND Health Science Foundations/Level 3	9-12,30,31 /Y	VO	1.0	ANY HEALTH OCCUP G
8417171	EMERG MED RESP 3 Emergency Medical Responder 3/Level 3	10-12,30,31/Y	VO	1.0	REG NURSE 7 G PARAMEDIC@7 7 G MED PROF 7 G EMT 7 G LAW ENF @7 7 G CORR OFF 7 G PUB SERV 7 G FIRE FIGH@7 7 G PRAC NURS@7 %7 %G
H171500	EMERG MED RESPONDER Emergency Medical Responder	30,31 /			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12,30,31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
EMS0050	EMERG MED RESP Emergency Medical Responder	9-12,30,31 /Y	VO	1.0	EMT 7 G MED PROF 7 G PARAMEDIC@7 7 G REG NURSE 7 G
W170213	EMT Emergency Medical Technician	30,31 /			
EMS0110	EMER MEDICAL TECH Emergency Medical Technician (EMT)	9-12,30,31 /Y	VO	2.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE

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SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	REQUIREMENTS	CREDIT	CERTIFICATION
^a W170205	^a EMT Emergency Medical Technician	30,31 /			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12,30,31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
^a EMS0159	EMER MEDICAL TECH Emergency Medical Technician	9-12,30,31 /Y	VO	1.0	
W170212	EMT - ATD Emergency Medical Technician - ATD	30,31 /			
EMS0110	EMER MEDICAL TECH Emergency Medical Technician (EMT)	9-12,30,31 /Y	VO	2.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
^a W170208	EMT - ATD Emergency Medical Technician - ATD	30,31 /			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12,30,31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
^a EMS0159	EMER MEDICAL TECH Emergency Medical Technician	9-12,30,31 /Y	VO	1.0	
8417000	EXERCISE SCIENCE Exercise Science	9-12,30,31 /	VO		
8417100	HEALTH SCI A & P Health Science Anatomy & Physiology /Level 3	9-12,30,31 /Y	EQ	1.0	ANY HEALTH OCCUP G
8417110	HEALTH SCIENCE FOUND Health Science Foundations/Level 3	9-12,30,31 /Y	VO	1.0	ANY HEALTH OCCUP G
8417120	EXERCISE SCIENCE Exercise Science/Level 3	10-12,30,31/	VO	1.0	PH THERTEC7 G HEALTH FIT SPEC MED PROF 7 G
H170207	HEMODIALYSIS TECH Hemodialysis Technician	30,31 /			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12,30,31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
MLT0368	DIALYSIS TECH 1 Dialysis Technician 1	9-12,30,31 /Y	VO	1.5	HEMO TEC 7 G PRAC NURS@7 %7 %G REG NURSE 7 G
MLT0369	DIALYSIS TECH 2 Dialysis Technician 2	9-12,30,31 /Y	VO	1.5	HEMO TEC 7 G PRAC NURS@7 %7 %G REG NURSE 7 G
8417190	HOME HEALTH AIDE Home Health Aide	9-12,30,31 /			
8417100	HEALTH SCI A & P Health Science Anatomy & Physiology /Level 3	9-12,30,31 /Y	EQ	1.0	ANY HEALTH OCCUP G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
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SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8417110	HEALTH SCIENCE FOUND Health Science Foundations/Level 3	9-12,30,31 /Y	VO	1.0	ANY HEALTH OCCUP G
8417191	HME HEALTH AIDE 3 Home Health Aide 3/Level 2	10-12,30,31/S	VO	0.5	REG NURSE 7 G PRAC NURS@7 %7 %G
H170604	HOME HEALTH AIDE Home Health Aide	30,31 /			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12,30,31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HCP0330	HOME HEALTH AIDE Home Health Aide	9-12,30,31 /S	VO	0.5	PRAC NURS@7 %7 %G REG NURSE 7 G
H120406	MASSAGE THERAPY Massage Therapy	30,31 /			
MSS0204	MASSAGE THERAPY 1 Massage Therapy 1	9-12,30,31 /Y	VO	2.5	MASSAGE TH7 G
MSS0209	MASSAGE THERAPY 2 Massage Therapy 2	9-12,30,31 /Y	VO	2.5	MASSAGE TH7 G
^a H120405	^a MASSAGE THERAPY Massage Therapy	30,31 /			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12,30,31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
MSS0205	MASSAGE THERAPIST 1 Massage Therapist 1	9-12,30,31 /Y	VO	2.0	MASSAGE TH7 G
MSS0206	MASSAGE THERAPIST 2 Massage Therapist 2	9-12,30,31 /Y	VO	2.0	MASSAGE TH7 G
H170515	MEDICAL ASSISTING Medical Assisting	30,31 /			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12,30,31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
MEA0002	INTRO TO MED ASSIST Introduction to Medical Assisting	9-12,30,31 /Y	VO	1.5	MED ASST 7 G PRAC NURS@7 %7 %G TEC MED !7 !G LAB TECH @7 7 G REG NURSE 7 G BUS ED 1 @2 VOE @7 STENO @4 SECRETAR 7 G CLERICAL @7 7 G

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MEA0501	MEDICAL OFFICE PROC Medical Office Procedures	9-12,30,31 /Y	VO	0.5	MED ASST 7 G PRAC NURS@7 %7 %G TEC MED !7 !G LAB TECH @7 7 G REG NURSE 7 G BUS ED 1 @2 VOE @7 STENOGR @4 SECRETAR 7 G CLERICAL @7 7 G
MEA0521	PHLEBOTOMIST, MA Phlebotomist, MA	9-12,30,31 /S	VO	0.5	MED ASST 7 G PRAC NURS@7 %7 %G TEC MED !7 !G LAB TECH @7 7 G REG NURSE 7 G
MEA0543	EKG AIDE, MA EKG Aide, MA	9-12,30,31 /S	VO	0.5	MED ASST 7 G PRAC NURS@7 %7 %G TEC MED !7 !G LAB TECH @7 7 G REG NURSE 7 G
MEA0581	CLINICAL ASSISTING Clinical Assisting	9-12,30,31 /Y	VO	1.5	MED ASST 7 G PRAC NURS@7 %7 %G TEC MED !7 !G LAB TECH @7 7 G REG NURSE 7 G
MEA0530	PHARM/MEDICAL ASSIST Pharmacology for Medical Assisting	9-12,30,31 /Y	VO	0.5	MED ASST 7 G PRAC NURS@7 %7 %G TEC MED !7 !G LAB TECH @7 7 G REG NURSE 7 G
MEA0573	LABORATORY PROCEDURE Laboratory Procedures	9-12,30,31 /Y	VO	0.5	MED ASST 7 G PRAC NURS@7 %7 %G TEC MED !7 !G LAB TECH @7 7 G REG NURSE 7 G
MEA0506	ADMIN OFF PROCEDURES Administrative Office Procedures	9-12,30,31 /Y	VO	0.5	MED ASST 7 G PRAC NURS@7 %7 %G TEC MED !7 !G LAB TECH @7 7 G REG NURSE 7 G
MEA0942	PRACTICUM EXPERIENCE Practicum Experience	9-12,30,31 /Y	VO	1.0	MED ASST 7 G PRAC NURS@7 %7 %G TEC MED !7 !G LAB TECH @7 7 G REG NURSE 7 G

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^a H170503	MEDICAL ASSISTING Medical Assisting	30, 31 /			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12, 30, 31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
^a MEA0500	MED OFFICE RECEP Medical Office Receptionist	9-12, 30, 31 /S	VO	0.5	MED ASST 7 G PRAC NURS@7 %7 %G TEC MED !7 !G LAB TECH @7 7 G REG NURSE 7 G BUS ED @4 1 @2 VOE @7 STENOGR @4 SECRETAR 7 G CLERICAL @7 7 G
MEA0521	PHLEBOTOMIST, MA Phlebotomist, MA	9-12, 30, 31 /S	VO	0.5	MED ASST 7 G PRAC NURS@7 %7 %G TEC MED !7 !G LAB TECH @7 7 G REG NURSE 7 G
MEA0543	EKG AIDE, MA EKG Aide, MA	9-12, 30, 31 /S	VO	0.5	MED ASST 7 G PRAC NURS@7 %7 %G TEC MED !7 !G LAB TECH @7 7 G REG NURSE 7 G
MEA0550	MEDICAL ASSISTANT 1 Medical Assistant 1	9-12, 30, 31 /Y	VO	2.0	MED ASST 7 G PRAC NURS@7 %7 %G TEC MED !7 !G LAB TECH @7 7 G REG NURSE 7 G
MEA0551	MEDICAL ASSISTANT 2 Medical Assistant 2	9-12, 30, 31 /Y	VO	2.0	MED ASST 7 G PRAC NURS@7 %7 %G TEC MED !7 !G LAB TECH @7 7 G REG NURSE 7 G
MEA0552	MEDICAL ASSISTANT 3 Medical Assistant 3	9-12, 30, 31 /Y	VO	2.0	MED ASST 7 G PRAC NURS@7 %7 %G TEC MED !7 !G LAB TECH @7 7 G REG NURSE 7 G
8417200	MEDICAL LAB ASSIST Medical Laboratory Assisting	9-12, 30, 31 /			
8417100	HEALTH SCI A & P Health Science Anatomy & Physiology /Level 3	9-12, 30, 31 /Y	EQ	1.0	ANY HEALTH OCCUP G

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8417110	HEALTH SCIENCE FOUND Health Science Foundations/Level 3	9-12,30,31 /Y	VO	1.0	ANY HEALTH OCCUP G
8417201	MED LAB ASSIST 3 Medical Laboratory Assisting 3/ Level 3	10-12,30,31/Y	VO	1.0	LAB ASST @7 7 G LAB TECH @7 7 G TEC MED !7 !G
8417202	MED LAB ASSIST 4 Medical Laboratory Assisting 4/ Level 3	10-12,30,31/Y	VO	1.0	LAB ASST @7 7 G LAB TECH @7 7 G TEC MED !7 !G
8417210	NURSE ASSISTANT Nursing Assistant (Acute and Long Term Care)	9-12,30,31 /			
8417100	HEALTH SCI A & P Health Science Anatomy & Physiology /Level 3	9-12,30,31 /Y	EQ	1.0	ANY HEALTH OCCUP G
8417110	HEALTH SCIENCE FOUND Health Science Foundations/Level 3	9-12,30,31 /Y	VO	1.0	ANY HEALTH OCCUP G
8417211	NURSE ASSISTING 3 Nursing Assisting 3/Level 3	10-12,30,31/Y	VO	1.0	REG NURSE 7 G PRAC NURS@7 %7 %G LPN 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
H170690	NURSING ASST (ART.) Nursing Assistant (Articulated)	30,31 /			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12,30,31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HCP0121	NURSE AIDE & ORDERLY Nurse Aide and Orderly (Articulated)	9-12,30,31 /S	VO	1.0	REG NURSE 7 G PRAC NURS@7 %7 %G LPN 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
H170602	NURSING ASSISTANT Nursing Assistant (Long Term Care)	30,31 /			
PRN0090	NURSE AIDE & ORDERLY Nurse Aide and Orderly	9-12,30,31 /Y	VO	1.0	REG NURSE 7 G PRAC NURS@7 %7 %G LPN 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
H170705	OPTOMETRIC ASSIST Optometric Assisting	30,31 /			
OPT0720	FOUND VISION CARE Foundations of Vision Care	9-12,30,31 /Y	VO	0.5	OPTOM ASST7 G TEC OPTICS7 G
OPT0721	OPTOMETRIC ASST 1 Optometric Assistant 1	9-12,30,31 /Y	VO	2.0	OPTOM ASST7 G TEC OPTICS7 G

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	REQUIREMENTS	CREDIT	CERTIFICATION
OPT0722	OPTOMETRIC ASST 2 Optometric Assistant 2	9-12,30,31 /Y	VO	4.0	OPTOM ASST7 G TEC OPTICS7 G
^a H170704	^a OPTOMETRIC ASSIST Optometric Assisting	30,31 /			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12,30,31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
^a OPT0005	OPTOMETRIC ASST 1 Optometric Assistant 1	9-12,30,31 /Y	VO	2.0	OPTOM ASST7 G TEC OPTICS7 G
^a OPT0006	OPTOMETRIC ASST 2 Optometric Assistant 2	9-12,30,31 /Y	VO	2.0	OPTOM ASST7 G TEC OPTICS7 G
^a OPT0007	OPTOMETRIC ASST 3 Optometric Assistant 3	9-12,30,31 /Y	VO	2.0	OPTOM ASST7 G TEC OPTICS7 G
H170800	ORTHOPEDIC TECH Orthopedic Technology	30,31 /			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12,30,31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
PHT0090	ORTHOPEDIC TECH 1 Orthopedic Technologist 1	9-12,30,31 /Y	VO	2.0	ORTHO TEC 7 G RN ORTHO 7 G
PHT0091	ORTHOPEDIC TECH 2 Orthopedic Technologist 2	9-12,30,31 /Y	VO	2.0	ORTHO TEC 7 G RN ORTHO 7 G
W170211	PARAMEDIC Paramedic	30,31 /			
EMS0210	PARAMEDIC I Paramedic I	9-12,30,31 /Y	VO	1.5	PARAMEDIC@7 7 G PRAC NURS@7 %7 %G REG NURSE 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
EMS0211	PARAMEDIC II Paramedic II	9-12,30,31 /Y	VO	2.5	PARAMEDIC@7 7 G PRAC NURS@7 %7 %G REG NURSE 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
EMS0212	PARAMEDIC III Paramedic III	9-12,30,31 /Y	VO	2.5	PARAMEDIC@7 7 G PRAC NURS@7 %7 %G REG NURSE 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
^a W170206	^a PARAMEDIC Paramedic	30,31 /			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12,30,31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
^a EMS0219	PARAMEDIC 1 Paramedic 1	9-12,30,31 /Y	VO	2.0	

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^a EMS0220	PARAMEDIC 2 Paramedic 2	9-12,30,31 /Y	VO	2.0	
^a EMS0221	PARAMEDIC 3 Paramedic 3	9-12,30,31 /Y	VO	2.0	
H170692	PATIENT CARE ASSIST Patient Care Assistant	30,31 /			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12,30,31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HCP0121	NURSE AIDE & ORDERLY Nurse Aide and Orderly (Articulated)	9-12,30,31 /S	VO	1.0	REG NURSE 7 G PRAC NURS@7 %7 %G LPN 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HCP0332	ADV HOME HEALTH AIDE Advanced Home Health Aide	9-12,30,31 /Y	VO		PRAC NURS@7 %7 %G REG NURSE 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HCP0020	PATIENT CARE ASST Patient Care Assistant	9-12,30,31 /S	VO	0.5	PRAC NURS@7 %7 %G REG NURSE 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
H170694	PATIENT CARE TECH Patient Care Technician	30, 31 /			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12,30,31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HCP0121	NURSE AIDE & ORDERLY Nurse Aide and Orderly (Articulated)	9-12,30,31 /S	VO	1.0	REG NURSE 7 G PRAC NURS@7 %7 %G LPN 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HCP0332	ADV HOME HEALTH AIDE Advanced Home Health Aide	9-12,30,31 /Y	VO		PRAC NURS@7 %7 %G REG NURSE 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HCP0020	PATIENT CARE ASST Patient Care Assistant	9-12,30,31 /S	VO	0.5	PRAC NURS@7 %7 %G REG NURSE 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HSC0016	ALLIED HEALTH ASST Allied Health Assistant	9-12,30,31 /Y	VO	1.0	PRAC NURS@7 %7 %G REG NURSE 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
MEA0580	ADV ALL HEALTH ASST Advanced Allied Health Assistant	9-12,30,31 /S	VO	0.5	PRAC NURS@7 %7 %G REG NURSE 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE

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PRN0094	PATIENT CARE TECH Patient Care Technician	9-12,30,31 /Y	VO		PRAC NURS@7 %7 %G REG NURSE 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8418200	PHARMACY TECHNICIAN Pharmacy Technician	9-12,30,31 /			
8418210	PHARMACY TECH 1 Pharmacy Technician 1/Level 3	10-12,30,31/Y	VO	1.0	PHARMACY 7 G
8418220	PHARMACY TECH 2 Pharmacy Technician 2/Level 3	10-12,30,31/Y	VO	1.0	PHARMACY 7 G
8418230	PHARMACY TECH 3 Pharmacy Technician 3/Level 3	10-12,30,31/Y	VO	1.0	PHARMACY 7 G
8418240	PHARMACY TECH 4 Pharmacy Technician 4/Level 3	10-12,30,31/Y	VO	1.0	PHARMACY 7 G
8418250	PHARMACY TECH 5 Pharmacy Technician 5/Level 3	10-12,30,31/Y	VO	1.0	PHARMACY 7 G
8418260	PHARMACY TECH 6 Pharmacy Technician 6/Level 3	10-12,30,31/Y	VO	1.0	PHARMACY 7 G
8418270	PHARMACY TECH 7 Pharmacy Technician 7/Level 3	10-12,30,31/Y	VO	1.0	PHARMACY 7 G
H170500	PHARMACY TECHNICIAN Pharmacy Technician	30,31 /			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12,30,31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
PTN0084	PHARMACY TECH 1 Pharmacy Technician 1	9-12,30,31 /Y	VO	2.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
PTN0085	PHARMACY TECH 2 Pharmacy Technician 2	9-12,30,31 /Y	VO	2.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
PTN0086	PHARMACY TECH 3 Pharmacy Technician 3	9-12,30,31 /Y	VO	2.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
H170700	PHARMACY TECH -ATD Pharmacy Technician--ATD	30,31 /			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12,30,31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
PTN0084	PHARMACY TECH 1 Pharmacy Technician 1	9-12,30,31 /Y	VO	2.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
PTN0085	PHARMACY TECH 2 Pharmacy Technician 2	9-12,30,31 /Y	VO	2.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE

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PTN0086	PHARMACY TECH 3 Pharmacy Technician 3	9-12,30,31 /Y	VO	2.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8418400	PRACTICAL NURSING Practical Nursing	9-12,30,31 /			
8418410	PRAC NURSE FOUND 1A Practical Nursing Foundations 1A/ Level 3	10-12,30,31/Y	VO	1.0	REG NURSE 7 G LPN 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8418420	PRAC NURSE FOUND 1B Practical Nursing Foundations 1B/ Level 3	10-12,30,31/Y	VO	1.0	REG NURSE 7 G LPN 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8418430	PRAC NURSE FOUND 2A Practical Nursing Foundations 2A/ Level 3	10-12,30,31/Y	VO	1.0	REG NURSE 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8418440	PRAC NURSE FOUND 2B Practical Nursing Foundations 2B/ Level 3	10-12,30,31/Y	VO	1.0	REG NURSE 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8418450	MED SURG NURSE 1A Medical Surgical Nursing 1A/Level 3	10-12,30,31/Y	VO	1.0	REG NURSE 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8418460	MED SURG NURSE 1B Medical Surgical Nursing 1B/Level 3	10-12,30,31/Y	VO	1.0	REG NURSE 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8418470	MED SURG NURSE 2A Medical Surgical Nursing 2A/Level 3	10-12,30,31/Y	VO	1.0	REG NURSE 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8418480	MED SURG NURSE 2B Medical Surgical Nursing 2B/Level 3	10-12,30,31/Y	VO	1.0	REG NURSE 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8418490	COMP NURSING SKILLS Comprehensive Nursing and Transitional Skills	10-12,30,31/Y	VO	1.0	REG NURSE 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
^a 8418300	^a PRACTICAL NURSING Practical Nursing	9-12,30,31 /			
^a 8418310	^a PRACTICAL NURSING 1 Practical Nursing 1/Level 3	10-12,30,31/Y	VO	1.0	REG NURSE 7 G LPN 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
^a 8418320	^a PRACTICAL NURSING 2 Practical Nursing 2/Level 3	10-12,30,31/Y	VO	1.0	REG NURSE 7 G PRAC NURS@7 %G
^a 8418330	^a PRACTICAL NURSING 3 Practical Nursing 3/Level 3	10-12,30,31/Y	VO	1.0	REG NURSE 7 G PRAC NURS@7 %G
^a 8418340	^a PRACTICAL NURSING 4 Practical Nursing 4/Level 3	10-12,30,31/Y	VO	1.0	REG NURSE 7 G PRAC NURS@7 %G

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^a 8418350	^a PRACTICAL NURSING 5 Practical Nursing 5/Level 3	10-12,30,31/Y	VO	1.0	REG NURSE 7 G PRAC NURS@7 %7 %G
^a 8418360	^a PRACTICAL NURSING 6 Practical Nursing 6/Level 3	10-12,30,31/Y	VO	1.0	REG NURSE 7 G PRAC NURS@7 %7 %G
^a 8418370	^a PRACTICAL NURSING 7 Practical Nursing 7/Level 3	10-12,30,31/Y	VO	1.0	REG NURSE 7 G PRAC NURS@7 %7 %G
^a 8418380	^a PRACTICAL NURSING 8 Practical Nursing 8/Level 3	10-12,30,31/Y	VO	1.0	REG NURSE 7 G PRAC NURS@7 %7 %G
^a 8418390	^a PRACTICAL NURSING 9 Practical Nursing 9/Level 3	10-12,30,31/Y	VO	1.0	REG NURSE 7 G PRAC NURS@7 %7 %G
H170607	PRACTICAL NURSING Practical Nursing	30,31 /			
PRN0098	PRAC NURSE FOUND 1 Practical Nurse Foundations 1	9-12,30,31 /Y	VO	2.0	REG NURSE 7 G PRAC NURS@7 LPN 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
PRN0099	PRAC NURSE FOUND 2 Practical Nurse Foundations 2	9-12,30,31 /Y	VO	2.0	REG NURSE 7 G PRAC NURS@7 SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
PRN0290	MED SURGICAL NURSE 1 Medical Surgical Nurse 1	9-12,30,31 /Y	VO	2.0	REG NURSE 7 G PRAC NURS@7 SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
PRN0291	MED SURGICAL NURSE 2 Medical Surgical Nurse 2	9-12,30,31 /Y	VO	2.0	REG NURSE 7 G PRAC NURS@7 SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
PRN0690	COMP NURSING SKILLS Comprehensive Nursing and Transitional Skills	9-12,30,31 /Y	VO	1.0	REG NURSE 7 G PRAC NURS@7 SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
^a H170605	^a PRACTICAL NURSING Practical Nursing	30,31 /			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12,30,31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HCP0121	NURSE AIDE & ORDERLY Nurse Aide and Orderly (Articulated)	9-12,30,31 /S	VO	1.0	REG NURSE 7 G PRAC NURS@7 %7 %G LPN 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
^a PRN0091	^a PRACTICAL NURSE 1 Practical Nurse 1	9-12,30,31 /Y	VO	1.5	REG NURSE 7 G PRAC NURS@7 %7 %G

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^a PRN0092	PRACTICAL NURSE 2 Practical Nurse 2	9-12,30,31 /Y	VO	3.0	REG NURSE 7 G PRAC NURS@7 %7 %G
^a PRN0096	PRACTICAL NURSE 3 Practical Nursing 3	9-12,30,31 /Y	VO	3.0	REG NURSE 7 G PRAC NURS@7 %7 %G
^a H181106	^a PSYCHIATRIC TECH Psychiatric Technology	30,31 /			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12,30,31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
^a HCP0852	PSYCHIATRIC AIDE Psychiatric Aide	9-12,30,31 /Y	VO	2.0	MENT HEAL 7 G PRAC NURS@7 %7 %G REG NURSE 7 G
H180100	MENTAL HEALTH TECH Psychiatric Technology	30,31 /			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12,30,31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HCP0121	NURSE AIDE & ORDERLY Nurse Aide and Orderly (Articulated)	9-12,30,31 /S	VO	1.0	REG NURSE 7 G PRAC NURS@7 %7 %G LPN 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HCP0810	MENTAL HEALTH TECH Mental Health Technician	9-12,30,31 /Y	VO	2.0	REG NURSE 7 G
H170211	SURGICAL TECHNOLOGY Surgical Technology	30,31 /			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12,30,31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
STS0015	CENTRAL SUPPLY TECH Central Supply Technician	9-12,30,31 /Y	VO	1.0	OPR RN 7 G OPR RM TE@7 7 G PRAC NURS@7 %7 %G REG NURSE 7 G SURG TECH 7 G
STS0010	SURGICAL TECH 1 Surgical Technologist 1	9-12,30,31 /Y	VO	2.0	OPR RN 7 G OPR RM TE@7 7 G PRAC NURS@7 %7 %G REG NURSE 7 G SURG TECH 7 G
STS0011	SURGICAL TECH 2 Surgical Technologist 2	9-12,30,31 /Y	VO	2.0	OPR RN 7 G OPR RM TE@7 7 G PRAC NURS@7 %7 %G REG NURSE 7 G SURG TECH 7 G

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STS0012	SURGICAL TECH 3 Surgical Technologist 3	9-12,30,31 /Y	VO	2.0	OPR RN 7 G OPR RM TE@7 7 G PRAC NURS@7 %7 %G REG NURSE 7 G SURG TECH 7 G
8417230	VISION CARE ASSIST Vision Care Assisting	9-12,30,31 /			
8417100	HEALTH SCI A & P Health Science Anatomy & Physiology /Level 3	9-12,30,31 /Y	EQ	1.0	ANY HEALTH OCCUP G
8417110	HEALTH SCIENCE FOUND Health Science Foundations/Level 3	9-12,30,31 /Y	VO	1.0	ANY HEALTH OCCUP G
8417231	VISION CARE ASSIST 3 Vision Care Assisting 3/Level 3	10-12,30,31/Y	VO	1.0	TEC OPTICS7 G
8417232	VISION CARE ASSIST 4 Vision Care Assisting 4/Level 3	10-12,30,31/Y	VO	1.0	TEC OPTICS7 G
----- DIAGNOSTIC SERVICES CAREER PATH (HLPB) -----					
8427100	ELECTROCARDIO TECH Electrocardiograph Technician	9-12,30,31 /			
8417100	HEALTH SCI A & P Health Science Anatomy & Physiology /Level 3	9-12,30,31 /Y	EQ	1.0	ANY HEALTH OCCUP G
8417110	HEALTH SCIENCE FOUND Health Science Foundations/Level 3	9-12,30,31 /Y	VO	1.0	ANY HEALTH OCCUP G
8427130	ELECTROCARDIO TECH 3 Electrocardiograph Technician 3/ Level 3	9-12,30,31 /Y	VO	1.0	LAB TECH @7 7 G LAB ASST @7 7 G EKG 7 G REG NURSE 7 G PARAMEDIC@7 7 G MED ASST 7 G TEC X RAY@7 7 G RESP THER@7 7 G MED PROF 7 G PRAC NURS@7 %7 %G
H170208	EKG TECHNOLOGY Electrocardiograph Technology	30,31 /			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12,30,31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
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SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	REQUIREMENTS	CREDIT	CERTIFICATION
MEA0540	EKG AIDE EKG Aide	9-12,30,31 /S	VO	0.5	EKG 7 G LAB ASST @7 7 G LAB TECH @7 7 G PARAMEDIC@7 7 G PRAC NURS@7 %7 %G RESP THER@7 7 G REG NURSE 7 G
MEA0541	EKG TECHNICIAN EKG Technician	9-12,30,31 /Y	VO	2.0	EKG 7 G LAB ASST @7 7 G LAB TECH 7 G PARAMEDIC@7 7 G PRAC NURS@7 %7 %G REG NURSE 7 G RESP THER@7 7 G
H170204	ELECTRONEURODIAG Electroneurodiagnostic Technology	30,31 /			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12,30,31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
ETN0005	ELECTRONEURODIAG 1 Electroneurodiagnostic Technologist 1	9-12,30,31 /Y	VO	1.0	ENCEPHALGH7 G
ETN0006	ELECTRONEURODIAG 2 Electroneurodiagnostic Technologist 2	9-12,30,31 /Y	VO	1.5	ENCEPHALGH7 G
ETN0007	ELECTRONEURODIAG 3 Electroneurodiagnostic Technologist 3	9-12,30,31 /Y	VO	1.5	ENCEPHALGH7 G
ETN0008	ELECTRONEURODIAG 4 Electroneurodiagnostic Technologist 4	9-12,30,31 /Y	VO	1.5	ENCEPHALGH7 G
ETN0009	ELECTRONEURODIAG 5 Electroneurodiagnostic Technologist 5	9-12,30,31 /Y	VO	1.5	ENCEPHALGH7 G
H170600	MED CLIN LAB--ATD Medical Clinical Laboratory Technician--ATD	30,31 /			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12,30,31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
MEA0520	PHLEBOTOMIST Phlebotomist	9-12,30,31 /S	VO	0.5	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
MLT0009	INTRO MED LAB TECH Introduction to Medical Laboratory Technology	9-12,30,31 /Y	VO	0.5	
MLT0220	URIN & BODY FLUIDS Urinalysis and Body Fluids	9-12,30,31 /Y	VO	0.5	

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
MLT0335	HEMATOLOGY & HEMOST Hematology and Hemostasis	9-12,30,31 /Y	VO	1.5	
MLT0505	IMMUNOLOGY Immunology	9-12,30,31 /Y	VO		
MLT0640	CLINICAL CHEMISTRY Clinical Chemistry	9-12,30,31 /Y	VO	1.5	
MLT0520	IMMUNOHEMATOLOGY Immunohematology	9-12,30,31 /Y	VO	1.5	
MLT0450	MICROB & PARASIT Microbiology and Parasitology	9-12,30,31 /Y	VO	1.5	
H170400	MED ED SIM TECH Medical Education Simulator Technician	30,31 /			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12,30,31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HSC0061	INTRO TO CLINIC MEST Introduction to Clinical Medical Education Simulator Technician	30,31 /Y			ANY HEALTH OCCUP G
HSC0062	CLINIC MEST 1 Clinical Medical Education Simulator Technician 1	30,31 /Y		1.0	RN SIMTEC 7 G PARA SIMTE7 G
HSC0063	CLINIC MEST 2 Clinical Medical Education Simulator Technician 2	30,31 /Y		1.0	RN SIMTEC 7 G PARA SIMTE7 G
HSC0064	CLINIC MEST 3 Clinical Medical Education Simulator Technician 3	30,31 /Y		1.0	RN SIMTEC 7 G PARA SIMTE7 G
H170306	MEDICAL LAB ASSIST Medical Laboratory Assisting	30,31 /			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12,30,31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
MEA0520	PHLEBOTOMIST Phlebotomist	9-12,30,31 /S	VO	0.5	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
MEA0560	MEDICAL LAB ASST Medical Lab Assistant	9-12,30,31 /Y	VO	2.0	LAB ASST @7 7 G LAB TECH @7 7 G TEC MED !7 G
H170302	PHLEBOTOMY Phlebotomy	30,31 /			

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HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12,30,31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE		
MEA0520	PHLEBOTOMIST Phlebotomist	9-12,30,31 /S	VO	0.5	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE		
W170210	RADIOLOGIC TECH Radiologic Technology	30,31 /					
RTE0004	FUNDS/RADIOLOGIC TEC Fundamentals of Radiologic Technology	9-12,30,31 /Y	VO	0.5	TEC X RAY@7	7	G
RTE0410	RADIO IMAGE/EXP I Radiologic Imaging & Exposure I	9-12,30,31 /Y	VO	0.5	TEC X RAY@7	7	G
RTE0505	RADIO PROCEDURES I Radiologic Procedures I	9-12,30,31 /Y	VO	0.5	TEC X RAY@7	7	G
RTE0809	CLINICAL EDUCATION I Clinical Education I	9-12,30,31 /Y	VO	2.0	TEC X RAY@7	7	G
RTE0450	RADIO IMAGE/EXP II Radiologic Imaging & Exposure II	9-12,30,31 /Y	VO	0.5	TEC X RAY@7	7	G
RTE0506	RADIO PROCEDURES II Radiologic Procedures II	9-12,30,31 /Y	VO	0.5	TEC X RAY@7	7	G
RTE0507	RADIO PROCEDURES III Radiologic Procedures III	9-12,30,31 /Y	VO		TEC X RAY@7	7	G
RTE0819	CLINICAL EDU II Clinical Education II	9-12,30,31 /Y	VO	3.0	TEC X RAY@7	7	G
RTE0015	ADV MODALITY IMAGE Advanced Modality Imaging	9-12,30,31 /Y	VO		TEC X RAY@7	7	G
RTE0780	RADIO PATH & RESEARCH Radiologic Pathology & Directed Research	9-12,30,31 /Y	VO	0.5	TEC X RAY@7	7	G
RTE0610	RADIATION PHYSICS Radiation Physics	9-12,30,31 /Y	VO	0.5	TEC X RAY@7	7	G
RTE0829	CLINICAL EDU III Clinical Education III	9-12,30,31 /Y	VO	1.0	TEC X RAY@7	7	G
RTE0839	ADV CLINICAL EDU IV Advanced Clinical Education IV	9-12,30,31 /Y	VO	2.0	TEC X RAY@7	7	G
RTE0380	RADIATION BIO & PRO Radiation Biology & Radiation Protection	9-12,30,31 /Y	VO		TEC X RAY@7	7	G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
RTE0939	RADIOGRAPHY SEMINAR Radiography Seminar	9-12,30,31 /Y	VO	1.0	TEC X RAY@7 7 G
RTE0849	ADV CLINICAL EDU V Advanced Clinical Education V	9-12,30,31 /Y	VO	2.0	TEC X RAY@7 7 G
----- HEALTH INFORMATICS CAREER PATH (HLPC) -----					
8417280	HEALTH UNIT COOR Health Unit Coordinator	9-12,30,31 /			
8417100	HEALTH SCI A & P Health Science Anatomy & Physiology /Level 3	9-12,30,31 /Y	EQ	1.0	ANY HEALTH OCCUP G
8417110	HEALTH SCIENCE FOUND Health Science Foundations/Level 3	9-12,30,31 /Y	VO	1.0	ANY HEALTH OCCUP G
8417281	HEALTH UNIT COOR 1 Health Unit Coordinator 1/Level 2	9-12,30,31 /Y	VO	1.0	REG NURSE 7 G MED RECTEC7 G PRAC NURS@7 %7 %G TEC MED !7 G
8417282	HEALTH UNIT COOR 2 Health Unit Coordinator 2/Level 2	9-12,30,31 /Y	VO	1.0	REG NURSE 7 G MED RECTEC7 G PRAC NURS@7 %7 %G TEC MED !7 G
^a H170513	^a HEALTH UNIT COOR Health Unit Coordinator	30,31 /			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12,30,31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HIM0076	HEALTH UNIT CLERK Health Unit Clerk	9-12,30,31 /Y	VO	2.5	MED RECTEC7 G REG NURSE 7 G TEC MED !7 G
H170107	HEALTH UNIT/MONITOR Health Unit Coordinator/Monitor Technician	30,31 /			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12,30,31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HIM0076	HEALTH UNIT CLERK Health Unit Clerk	9-12,30,31 /Y	VO	2.5	MED RECTEC7 G REG NURSE 7 G TEC MED !7 G
HIM0090	MONITOR TECHNICIAN Monitor Technician	9-12,30,31 /Y	VO	0.5	MED RECTEC7 G REG NURSE 7 G TEC MED !7 G

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
H170529	MEDICAL CODER/BILLER Medical Coder/Biller	30,31 /			
HIM0009	INTRO TO H I T Introduction to Health Information Technology	9-12,30,31 /Y	VO	0.5	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HIM0091	MED CODER/BILLER I Medical Coder/Biller I	9-12,30,31 /Y	VO	2.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HIM0092	MED CODER/BILLER II Medical Coder/Biller II	9-12,30,31 /Y	VO	2.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HIM0093	MED CODER/BILLER III Medical Coder/Biller III	9-12,30,31 /Y	VO	2.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
^a H170526	^a MED CODER/BILLER Medical Coder/Biller	30,31 /			
HIM0009	INTRO TO H I T Introduction to Health Information Technology	9-12,30,31 /Y	VO	0.5	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
^a HIM0071	^a MEDICAL CODER/BILL 1 Medical Coder/biller 1	9-12,30,31 /Y	VO	2.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
^a HIM0072	^a MEDICAL CODER/BILL 2 Medical Coder/biller 2	9-12,30,31 /Y	VO	2.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
^a HIM0073	^a MEDICAL CODER/BILL 3 Medical Coder/biller 3	9-12,30,31 /Y	VO	2.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
H170530	MED CODER/BILLER-ATD Medical Coder/Biller-ATD	30,31 /			
HIM0009	INTRO TO H I T Introduction to Health Information Technology	9-12,30,31 /Y	VO	0.5	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HIM0091	MED CODER/BILLER I Medical Coder/Biller I	9-12,30,31 /Y	VO	2.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HIM0092	MED CODER/BILLER II Medical Coder/Biller II	9-12,30,31 /Y	VO	2.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HIM0093	MED CODER/BILLER III Medical Coder/Biller III	9-12,30,31 /Y	VO	2.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
^a H170528	^a MED CODER/BILLER-ATD Medical Coder/Biller-ATD	30,31 /			
HIM0009	INTRO TO H I T Introduction to Health Information Technology	9-12,30,31 /Y	VO	0.5	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
^a HIM0071	MEDICAL CODER/BILL 1 Medical Coder/biller 1	9-12,30,31 /Y	VO	2.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
^a HIM0072	MEDICAL CODER/BILL 2 Medical Coder/biller 2	9-12,30,31 /Y	VO	2.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
^a HIM0073	MEDICAL CODER/BILL 3 Medical Coder/biller 3	9-12,30,31 /Y	VO	2.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
H170506	MED RCD/TRANS/HC DOC Medical Record Transcribing/ Healthcare Documentation	30,31 /			
HIM0009	INTRO TO H I T Introduction to Health Information Technology	9-12,30,31 /Y	VO	0.5	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HIM0074	MED TRANSCRIB 1 Medical Transcriber 1	9-12,30,31 /Y	VO	2.0	MED ASST 7 G MED RECTEC7 G MED TRANS 7 G
HIM0075	MED TRANSCRIB 2 Medical Transcriber 2	9-12,30,31 /Y	VO	2.0	MED ASST 7 G MED RECTEC7 G MED TRANS 7 G
HIM0081	MED TRANSCRIB 3 Medical Transcriber 3	9-12,30,31 /Y	VO	2.0	MED ASST 7 G MED RECTEC7 G MED TRANS 7 G
H170508	MED RCD/HC DOC-ATD Medical Record Transcribing/ Healthcare Documentation-ATD	30,31 /			
HIM0009	INTRO TO H I T Introduction to Health Information Technology	9-12,30,31 /Y	VO	0.5	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HIM0002	MED TRANSCRIB 1 ATD Medical Transcriber - ATD 1	9-12,30,31 /Y	VO	2.0	
HIM0083	MED TRANSCRIB 2 ATD Medical Transcriber - ATD 2	9-12,30,31 /Y	VO	2.0	
HIM0084	MED TRANSCRIB 3 ATD Medical Transcriber - ATD 3	9-12,30,31 /Y	VO	2.0	
----- BIOTECHNOLOGY RESEARCH & DEVELOPMENT CAREER PATH (HLPE) -----					
8708100	BIOMEDICAL SCIENCES Biomedical Sciences	9-12,30,31 /			

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8708110	PRIN BIOMED SCIENCES Principles of the Biomedical Sciences /Level 3	9-12 /	EQ	1.0	BIOLOGY 1 @2 MED PROF 7 G PARAMEDIC@7 7 G PLTW HEALT7 G REG NURSE 7 G LAB TECH 7 G
8708120	HUMAN BODY SYSTEMS Human Body Systems/Level 3	9-12 /	EQ	1.0	BIOLOGY 1 @2 MED PROF 7 G PARAMEDIC@7 7 G PLTW HEALT7 G REG NURSE 7 G LAB TECH @7 7 G
8708130	MED INTERVENTIONS Medical Interventions/Level 3	9-12 /	EQ	1.0	BIOLOGY 1 @2 MED PROF 7 G PARAMEDIC@7 7 G PLTW HEALT7 G REG NURSE 7 G LAB TECH @7 7 G
8708140	BIOMED INNOVATION Biomedical Innovation/Level 3	9-12 /	VO	1.0	BIOLOGY 1 @2 MED PROF 7 G PARAMEDIC@7 7 G PLTW HEALT7 G REG NURSE 7 G LAB TECH @7 7 G

GENERAL HEALTH SCIENCE PROGRAMS

8400310	EXP HEALTH SCI PROF Exploration of Health Science Professions	6-8 /S			ANY HEALTH OCCUP G FAM CON SCI 1	HEALTH	6
8400210	EXP HS PROF & C P Exploration Of Health Science Professions & Career Planning	6-8 /S			ANY HEALTH OCCUP G FAM CON SCI 1	HEALTH	6
8499990	HEALTH OCCS ED TRAN Health Occupations Education Transfer	9-12,30,31 /			NA		
H000000	HEALTH OCCS ED TRAN Health Occupations Education Transfer	30,31 /			NA		
8400410	HSE COOP - OJT Health Science Education Cooperative - OJT	10-12,30,31/M	VO	MULTIPLE	ANY HEALTH OCCUP G		
8400100	HSE DIR STUDY Health Science Education Directed Study	10-12,30,31/M	VO	MULTIPLE	ANY HEALTH OCCUP G		
8709350	INTRO HS CAREER PATH Introduction to Health Science Career Pathways	6-8 /S			ANY HEALTH OCCUP G		

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT	CERTIFICATION
			GRADUATION REQUIREMENTS			
8709360	INTRO HS CAR PATH/CP Introduction to Health Science Career Pathways and Career Planning	6-8	/S			ANY HEALTH OCCUP G
8400320	MEDICAL SKLS SERS Medical Skills and Services/Level 2	9-12,30,31	/Y	VO	1.0	ANY HEALTH OCCUP G HEALTH 6
8400110	ORIENT HS PROFESSION Orientation to Health Science Professions	6-8	/S			HEALTH 6 ANY HEALTH OCCUP G
8417106	ORIEN NUR Orientation to Nursing	6-8	/S			PRAC NURSE @7 %7 %G LPN 7 G REG NURSE 7 G

HOSPITALITY & TOURISM CAREER CLUSTER

 RESTAURANTS AND FOOD & BEVERAGE SERVICES CAREER PATH (HTPA)

N100600	BAKING & PASTRY ARTS Baking and Pastry Arts	30,31	/			
FSS0090	PASTRY COOK/BAKER Pastry Cook/Baker	9-12,30,31	/Y	VO	2.0	CULINARY 7 G FAM CON SC1
FSS0091	PASTRY CHEF/HD BAKER Pastry Chef/Head Baker	9-12,30,31	/Y	VO	2.0	CULINARY 7 G FAM CON SC1
^a 8800600	^a CULINARY & HOSP SPEC Culinary and Hospitality Specialties	9-12,30,31	/			
^a 8800610	^a CUL & HOSP SPEC 1 Culinary and Hospitality Specialties 1/Level 3	9-12	/		1.0	CULINARY 7 G FAM CON SC1
^a 8800620	^a CUL & HOSP SPEC 2 Culinary and Hospitality Specialties 2/Level 2	9-12	/		1.0	CULINARY 7 G FAM CON SC1
8800500	CULINARY ARTS Culinary Arts	9-12,30,31	/			
8800510	CULINARY ARTS 1 Culinary Arts 1/Level 2	9-12	/Y	VO	1.0	CULINARY 7 G FAM CON SC1
8800520	CULINARY ARTS 2 Culinary Arts 2/Level 2	9-12	/	PA	1.0	CULINARY 7 G FAM CON SC1
8800530	CULINARY ARTS 3 Culinary Arts 3/Level 3	9-12	/	PA	1.0	CULINARY 7 G FAM CON SC1
8800540	CULINARY ARTS 4(1) Culinary Arts 4(Track 1)/Level 3	9-12	/Y	VO	1.0	CULINARY 7 G FAM CON SC1

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8800550	CULINARY ARTS 4(2) Culinary Arts 4(Track 2)/Level 3	9-12 /Y		1.0	CULINARY 7 G FAM CON SC1
8800560	CULINARY ARTS 4(3) Culinary Arts 4(Track 3)/Level 3	9-12 /Y		1.0	CULINARY 7 G FAM CON SC1
N100520	FUND FOODSERVICE Fundamental Foodservice Skills	30,31 /			
HMV0101	INTRO TO FOOD PREP Introduction to Food Prep	9-12,30,31 /Y	VO	2.0	CULINARY 7 G FAM CON SC1
HMV0102	COOKING METHODS Cooking Methods and Techniques	9-12,30,31 /Y	VO	2.0	CULINARY 7 G FAM CON SC1
N100500	PROF CULINARY ARTS Professional Culinary Arts & Hospitality	30,31 /			
HMV0100	FOOD PREPARATION Food Preparation	9-12,30,31 /Y	VO	2.0	CULINARY 7 G FAM CON SC1
HMV0170	COOK - RESTAURANT Cook - Restaurant	9-12,30,31 /Y	VO	2.0	CULINARY 7 G FAM CON SC1
HMV0171	CHEF/HEAD COOK Chef/Head Cook	9-12,30,31 /Y	VO	2.0	CULINARY 7 G FAM CON SC1
HMV0126	FOOD SERVICE MGMT Food Service Management	9-12,30,31 /Y	VO	2.0	CULINARY 7 G FAM CON SC1
N100510	CULINARY VEG & PLANT Vegetarian and Plant Based Specialty	30,31 /			
FSS0211	VEGETARIAN FOOD PREP Vegetarian Food Preparation	9-12,30,31 /Y	VO	2.0	CULINARY 7 G FAM CON SC1
FSS0212	VEGETARIAN COOK:REST Vegetarian Cook: Restaurant	9-12,30,31 /Y	VO	2.0	CULINARY 7 G FAM CON SC1
----- LODGING CAREER PATH (HTPB) -----					
N900100	DIET MGMT & SUPER Dietetic Management and Supervision	30,31 /			
FSS0095	DIETARY MANAGER Dietary Manager	9-12,30,31 /Y	VO	2.0	FAM CON SC1 SC FOOD SV7 G
8524100	ENVIRONMENTAL SERS Environmental Services	9-12,30,31 /			
8524110	ENVIR SERVICES Environmental Services/Level 2	9-12,30,31 /Y	VO	1.0	BLDG MAIN@7 7 G CUSTODIAL@7 7 G FAM CON SC1 HME EC OC#7 HOMEMAKIN#7 @2 %7 %G

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8524120	ENVIR SERS TECH Environmental Services Technology/ Level 2	9-12,30,31 /Y	VO	1.0	BLDG MAIN@7 7 G CUSTODIAL@7 7 G FAM CON SC1 HME EC OC#7 HOMEMAKIN#7 @2 %7 %G
V200610	ENVIRONMENTAL SERS Environmental Services	30,31 /			
HEV0510	JANITORS/CLEANERS Janitors/Cleaners	9-12,30,31 /Y	VO	1.0	BLDG MAIN@7 7 G CUSTODIAL@7 7 G FAM CON SC1 HME EC OC#7 HOMEMAKIN#7 @2 %7 %G
HEV0511	SUPERVISOR, JANITOR Supervisor, Janitors	9-12,30,31 /Y	VO	1.0	BLDG MAIN@7 7 G CUSTODIAL@7 7 G FAM CON SC1 HME EC OC#7 HOMEMAKIN#7 @2 %7 %G
^a 8830300	^a LODGING OPERATIONS Lodging Operations	9-12,30,31 /			
8850110	INTROD TO HOS & TOUR Introduction to Hospitality and Tourism/Level 2	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 FAM CON SC1 HOTEL TRNG7 G MKTG 1 @2 MKTG MGMT@7 7 G TC COOP E@7
^a 8830320	^a LODGING PRINCIPLES Lodging Principles/Level 2	9-12,3031 /Y	VO	1.0	BUS ED 1 @2 FAM CON SC1 HOTEL TRNG7 G MKTG 1 @2 MKTG MGMT@7 7 G TC COOP E@7
8845130	HOS & TOUR INTERN Hospitality and Tourism Internship /Level 2	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 FAM CON SC1 HOTEL TRNG7 G MKTG 1 @2 MKTG MGMT@7 7 G TC COOP E@7 TRANSPORT 7 G
^a 8830330	^a LODGING APPLICATIONS Lodging Applications/Level 3	9-12,3031 /Y	VO	1.0	BUS ED 1 @2 FAM CON SC1 HOTEL TRNG7 G MKTG 1 @2 MKTG MGMT@7 7 G TC COOP E@7

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
M607010	LODGING OPERATIONS Lodging Operations	30,31 /			
HMV0740	GUEST SERVICES AGENT Guest Services Agent	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 FAM CON SC1 HOTEL TRNG7 G MKTG 1 @2 MKTG MGMT 7 G TC COOP E@7 TRANSPORT 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HMV0201	FRONT DESK AGENT Front Desk Agent	9-12,30,31 /Y	VO	2.0	BUS ED 1 @2 FAM CON SC1 HOTEL TRNG7 G MKTG 1 @2 MKTG MGMT 7 G TC COOP E@7 SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HMV0202	LODGING MANAGERS Lodging Managers	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 FAM CON SC1 HOTEL TRNG7 G MKTG 1 @2 MKTG MGMT 7 G TC COOP E@7 SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
N300100	NUTRIT & DIET CLERK Nutrition and Dietetic Clerk	30,31 /			
HEV0612	NUT & DIET CLERK Nutrition and Dietetic Clerk	9-12,30,31 /Y	VO	2.0	FAM CON SC1 SC FOOD SV7 G
8801100	NUTRITION & FOOD SCI Nutrition and Food Science	9-12 /			
8801101	NUTRITION & FOOD SCI Nutrition and Food Science/Level 2	9-12 /	VO	1.0	FAM CON SC1 CULINARY 7 G ANY HEALTH OCCUP G
----- TRAVEL & TOURISM CAREER PATH (HTPC) -----					
^a 8845100	^a HOSPITALITY & TOURISM Hospitality and Tourism	9-12,30,31 /			
8850110	INTROD TO HOS & TOUR Introduction to Hospitality and Tourism/Level 2	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 FAM CON SC1 HOTEL TRNG7 G MKTG 1 @2 MKTG MGMT@7 7 G TC COOP E@7

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
^a 8845140	^a CPTR TECH TRA TOUR Computer Technology for Travel and Tourism/Level 2	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 FAM CON SC1 HOTEL TRNG7 G MKTG 1 @2 MKTG MGMT@7 7 G TC COOP E@7
8845130	HOS & TOUR INTERN Hospitality and Tourism Internship /Level 2	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 FAM CON SC1 HOTEL TRNG7 G MKTG 1 @2 MKTG MGMT@7 7 G TC COOP E@7 TRANSPORT 7 G
^a 8845120	^a TRA & TOUR MKT MGMT Travel and Tourism Marketing and Management/Level 3	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 FAM CON SC1 HOTEL TRNG7 G MKTG 1 @2 MKTG MGMT@7 7 G TC COOP E@7
8703100	HOSP & TOURISM MGMT Hospitality and Tourism	9-12,30,31 /			
8850110	INTROD TO HOS & TOUR Introduction to Hospitality and Tourism/Level 2	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 FAM CON SC1 HOTEL TRNG7 G MKTG 1 @2 MKTG MGMT@7 7 G TC COOP E@7
8703110	TECH FOR HOSP & TOUR Technology for Hospitality and Tour ism/Level 2	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 FAM CON SC1 HOTEL TRNG7 G MKTG 1 @2 MKTG MGMT@7 7 G TC COOP E@7 TRANSPORT@7 7 G
8703120	HOSP & TOUR MKT MGMT Hospitality and Tourism Marketing Management/Level 3	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 FAM CON SC1 HOTEL TRNG7 G MKTG 1 @2 MKTG MGMT@7 7 G TC COOP E@7 TRANSPORT@7 7 G

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8845130	HOS & TOUR INTERN Hospitality and Tourism Internship /Level 2	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 FAM CON SC1 HOTEL TRNG7 G MKTG 1 @2 MKTG MGMT@7 7 G TC COOP E@7 TRANSPORT 7 G
8703130	HOSP & TOUR ENTREPRE Hospitality and Tourism Entrepreneurship/Level 3	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 FAM CON SC1 HOTEL TRNG7 G MKTG 1 @2 MKTG MGMT@7 7 G TC COOP E@7 TRANSPORT@7 7 G
M811040	HOSPITALITY & TOURISM Hospitality and Tourism	30,31 /			
HMV0740	GUEST SERVICES AGENT Guest Services Agent	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 FAM CON SC1 HOTEL TRNG7 G MKTG 1 @2 MKTG MGMT 7 G TC COOP E@7 TRANSPORT 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HMV0741	RESV & SALES AGENT Reservation and Sales Agent	9-12,30,31 /Y	VO	2.0	BUS ED 1 @2 FAM CON SC1 HOTEL TRNG7 G MKTG 1 @2 MKTG MGMT 7 G TC COOP E@7 TRANSPORT 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HMV0038	MEET, CONV, EVENT PLAN Meeting, Convention and Event Planners	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 FAM CON SC1 HOTEL TRNG7 G MKTG 1 @2 MKTG MGMT 7 G TC COOP E@7 TRANSPORT 7 G

GENERAL PROGRAMS

8850350	EXPL HOSP & TOUR Exploring Hospitality and Tourism Careers	6-8	/S	FAM CON SCI 1	HOTEL TRNG 7 G
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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION			
8850360	EXPL HOSP & TOUR/CP Exploring Hospitality and Tourism Careers and Career Planning	6-8 /S			FAM CON SCI	1		HOTEL TRNG 7 G
8809200	FUND OF CUL CAREERS Fundamentals of Culinary Careers	6-8 /S			CULINARY	7 G		FAM CON SCI 1
8809300	FUND OF CUL CAR & CP Fundamentals of Culinary Careers and Career Planning	6-8 /S			CULINARY	7 G		FAM CON SCI 1
8800420	HOSP & TOUR OJT Hospitality and Tourism Cooperative Education OJT	9-12,30,31 /M	VO	MULTIPLE	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE			
8801000	HOSP & TOUR DIR ST Hospitality and Tourism Directed Study	1112,30,31 /M	VO	MULTIPLE	ANY HOME ECONOMICS ED G			
					CULINARY	7 G		FAM CON SCI 1
					HOTEL TRNG	7 G		MKTG 1 @2
					MKTG MGMT	@7 7 G		PK PRIMARY H
					PRIMARY ED	@B		SC FOOD SV 7 G
					TC COOP ED	@7		
^a 8809400	^a INTRO TO NUTRITION Introduction to Nutrition/Level 2	1112,30,31 /Y	VO	0.5	FAM CON SCI	1		SC FOOD SV 7 G
^a 8500355	^a NUTRITION & WELLNESS Nutrition and Wellness/Level 2	9-12,30,31 /S	VO	0.5	CULINARY	7 G		FAM CON SCI 1
^a 8500390	^a PRIN OF FOOD PREP Principles Of Food Preparation/ Level 2	9-12,30,31 /S	VO	0.5	CULINARY	7 G		FAM CON SCI 1

APPRENTICESHIP PROGRAMS

I20041R	CMCL FOODS - APPR Commercial Foods - Apprenticeship	30,31 /						
I20040R	CMCL FD& CU ART-APPR Commercial Foods and Culinary Arts - Apprenticeship	30,31 /						
V20040R	CUL OPS - APPR Culinary Operations - Apprenticeship	30,31 /						

|HUMAN SERVICES CAREER CLUSTER|

FAMILY & COMMUNITY SERVICES CAREER PATH (HMPC)

8500365	FAM & CONS SCI(FACS) Family and Consumer Science (FACS)/ Level 2	9-12,30,31 /Y	VO	1.0	CULINARY	7 G		FAM CON SCI 1
					FASH TECH	7 G		INT DES 7 G
8500345	FAMILY DYNAMICS Family Dynamics/Level 2	9-12,30,31 /S	VO	0.5	PRESCH ED	L		
8502000	LIF MGMT SKL Life Management Skills/Level 2	9-12,30,31 /S	VO	0.5	FAM CON SCI	1		
					PRAC NURSE	@7 %7 %G		HEALTH 6
								REG NURSE 7 G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CAREER AND TECHNICAL EDUCATION			
8500300	PARENTING SKILLS Parenting Skills/Level 2	9-12,30,31 /S	VO	0.5	E CHILD ED PK PRIMARY PRIMARY ED	@0 H @B	FAM CON SCI PRESCH ED	1 L
PERSONAL CARE SERVICES CAREER PATH (HMPD)								
D500200	ADVANCED ESTHETICS Advanced Esthetics	30,31 /						
CSP0105	ADV SKIN CARE 1 Advanced Skin Care 1	9-12,30,31 /Y	VO	1.0	COSMETOL @7 FACIAL TEC7 PERS SERV@7	7 G 7 G 7 G		
CSP0106	ADV SKIN CARE 2 Advanced Skin Care 2	9-12,30,31 /Y	VO	1.0	COSMETOL @7 FACIAL TEC7 PERS SERV@7	7 G 7 G 7 G		
CSP0264	FACIAL TREATMENTS Facial Treatments	9-12,30,31 /Y	VO	1.0	COSMETOL @7 FACIAL TEC7 PERS SERV@7	7 G 7 G 7 G		
CSP0930	SPECIALTY TOPICS Specialty Topics	9-12,30,31 /Y	VO		COSMETOL @7 FACIAL TEC7 PERS SERV@7	7 G 7 G 7 G		
CSP0505	ETHICAL BUS PRACTICE Ethical Business Practices	-12,30,31 /Y	VO		COSMETOL @7 FACIAL TEC7 PERS SERV@7	7 G 7 G 7 G		
CSP0940	INTERNSHIP Internship	9-12,30,31 /Y	VO		COSMETOL @7 FACIAL TEC7 PERS SERV@7	7 G 7 G 7 G		
8757100	BARBERING Barbering	9-12,30,31 /						
8757110	BARBERING 1 Barbering 1/Level 2	9-12,30,31 /Y	PA	1.0	BARBERING 7 PERS SERV@7	7 G 7 G		
8757120	BARBERING 2 Barbering 2/Level 2	9-12,30,31 /Y	PA	1.0	BARBERING 7 PERS SERV@7	7 G 7 G		
8757130	BARBERING 3 Barbering 3/Level 2	9-12,30,31 /Y	VO	1.0	BARBERING 7 PERS SERV@7	7 G 7 G		
8757140	BARBERING 4 Barbering 4/Level 2	9-12,30,31 /Y	VO	1.0	BARBERING 7 PERS SERV@7	7 G 7 G		
8757150	BARBERING 5 Barbering 5/Level 2	9-12,30,31 /Y	VO	1.0	BARBERING 7 PERS SERV@7	7 G 7 G		
8757160	BARBERING 6 Barbering 6/Level 2	9-12,30,31 /Y	VO	1.0	BARBERING 7 PERS SERV@7	7 G 7 G		

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION		
8757170	BARBERING 7 Barbering 7/Level 2	9-12,30,31 /Y	PA	1.0	BARBERING 7	G	
8757180	BARBERING 8 Barbering 8/Level 2	9-12,30,31 /Y	PA	1.0	BARBERING 7	G	
I120402	BARBERING Barbering	30,31 /					
COS0150	RESTRICTED BARBER 1 Restricted Barber 1	9-12,30,31 /Y	VO	2.0	BARBERING 7 PERS SERV@7	G 7	G
COS0151	RESTRICTED BARBER 2 Restricted Barber 2	9-12,30,31 /Y	VO	2.0	BARBERING 7 PERS SERV@7	G 7	G
COS0152	RESTRICTED BARBER 3 Restricted Barber 3	9-12,30,31 /Y	VO	2.0	BARBERING 7 PERS SERV@7	G 7	G
COS0671	BARBER Barber	9-12,30,31 /Y	VO	2.0	BARBERING 7 PERS SERV@7	G 7	G
8905100	COSMETOLOGY Cosmetology	9-12,30,31 /					
8757210	GROOM & SAL SERS 1 Grooming and Salon Services Core 1/ Level 2	9-12,30,31 /S	PA	0.5	COSMETOL @7 PERS SERV@7 SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE	7 7	G G
8905120	COSMETOLOGY NAILS 2 Cosmetology Nails 2, Level 2	9-12,30,31 /S	PA	0.5	COSMETOL @7 PERS SERV@7	7 7	G G
8905130	COSMETOLOGY FACIALS Cosmetology Facials 3, Level 2	9-12,30,31 /S	PA	0.5	COSMETOL @7 PERS SERV@7	7 7	G G
8905140	COSMETOLOGY 4 Cosmetology 4, Level 2	9-12,30,31 /	PA	1.0	COSMETOL @7 PERS SERV@7	7 7	G G
8905150	COSMETOLOGY 5 Cosmetology 5, Level 2	9-12,30,31 /	PA	1.0	COSMETOL @7 PERS SERV@7	7 7	G G
8905160	COSMETOLOGY 6 Cosmetology 6, Level 2	9-12,30,31 /	PA	1.0	COSMETOL @7 PERS SERV@7	7 7	G G
8905170	COSMETOLOGY 7 Cosmetology 7, Level 2	9-12,30,31 /	PA	1.0	COSMETOL @7 PERS SERV@7	7 7	G G
8905180	COSMETOLOGY 8 Cosmetology 8, Level 2	9-12,30,31 /	PA	1.0	COSMETOL @7 PERS SERV@7	7 7	G G
8905190	COSMETOLOGY 9 Cosmetology 9, Level 2	9-12,30,31 /M	PA	1.5	COSMETOL @7 PERS SERV@7	7 7	G G
D500100	COSMETOLOGY Cosmetology	30,31 /					

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
CSP0009	GROOM & SALON SRV CR Grooming and Salon Services, (CORE) Facials and Nails	30,31 /	PA	1.5	COSMETOL @7 7 G PERS SERV@7 7 G
COS0002	COSMETOLOGIST 1 Cosmetologist 1	9-12,30,31 /Y	VO	2.0	COSMETOL @7 7 G PERS SERV@7 7 G
COS0003	COSMETOLOGIST 2 Cosmetologist 2	9-12,30,31 /Y	VO	2.0	COSMETOL @7 7 G PERS SERV@7 7 G
COS0009	COSMETOLOGIST 3 Cosmetologist 3	9-12,30,31 /Y	VO	2.5	COSMETOL @7 7 G PERS SERV@7 7 G
8733000	DRY CLEANING & LAUND Dry Cleaning and Laundering	9-12,30,31 /			
8733010	DRY CLEAN & LAUND 1 Dry Cleaning and Laundering 1/Level 2	9-12,30,31 /Y	VO	1.0	DRY CLEAN 7 7 G FAB MAINT@7 7 G
8733020	DRY CLEAN & LAUND 2 Dry Cleaning and Laundering 2/Level 2	9-12,30,31 /Y	VO	1.0	DRY CLEAN 7 7 G FAB MAINT@7 7 G
8733030	DRY CLEAN & LAUND 3 Dry Cleaning and Laundering 3/Level 2	9-12,30,31 /Y	VO	1.0	DRY CLEAN 7 7 G FAB MAINT@7 7 G
8757400	FACIALS SPECIALTY Facials Specialty	9-12,30,31 /			
8757210	GROOM & SAL SERS 1 Grooming and Salon Services Core 1/ Level 2	9-12,30,31 /S	PA	0.5	COSMETOL @7 7 G PERS SERV@7 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8757410	FACIALS SPECIALTY 2 Facials Specialty 2/Level 2	9-12,30,31 /S	VO	0.5	COSMETOL @7 7 G FACIAL TEC7 7 G PERS SERV@7 7 G
8757420	FACIALS SPECIALTY 3 Facials Specialty 3/Level 2	9-12,30,31 /Y	VO	1.0	COSMETOL @7 7 G FACIAL TEC7 7 G PERS SERV@7 7 G
I120424	FACIALS SPECIALTY Facials Specialty	30,31 /			
CSP0265	FACIALS/SKIN CARE Facials/Skin Care Specialist	9-12,30,31 /Y	PA	2.0	COSMETOL @7 7 G FACIAL TEC7 7 G PERS SERV@7 7 G
8757300	NAILS SPECIALTY Nails Specialty	9-12,30,31 /			
8757210	GROOM & SAL SERS 1 Grooming and Salon Services Core 1/ Level 2	9-12,30,31 /S	PA	0.5	COSMETOL @7 7 G PERS SERV@7 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	COURSES MEETING		
					CERTIFICATION		
8757310	NAILS SPECIALTY 2 Nails Specialty 2/Level 2	9-12,30,31 /S	VO	0.5	COSMETOL @7	7	G
					NAIL TEC 7	7	G
					PERS SERV@7	7	G
8757320	NAILS SPECIALTY 3 Nails Specialty 3/Level 2	9-12,30,31 /Y	VO	1.0	COSMETOL @7	7	G
					NAIL TEC 7	7	G
					PERS SERV@7	7	G
I120414	NAILS SPECIALTY Nails Specialty	30,31 /					
CSP0015	MANIC & PEDICUR Manicurist and Pedicurist	9-12,30,31 /Y	PA	2.0	COSMETOL @7	7	G
					NAIL TEC 7	7	G
					PERS SERV@7	7	G
8907100	PERSONAL TRAINER Personal Trainer	9-12,30,31 /					
8907110	PERSONAL TRAINER 1 Personal Trainer 1/Level 2	9-12,30,31 /	VO	1.0	PERS FIT T7	7	G
8907120	PERSONAL TRAINER 2 Personal Trainer 2/Level 2	9-12,30,31 /	VO	1.0	PERS FIT T7	7	G
8907130	PERSONAL TRAINER 3 Personal Trainer 3/Level 2	9-12,30,31 /	VO	1.0	PERS FIT T7	7	G
8907140	PERSONAL TRAINER 4 Personal Trainer 4/Level 2	9-12,30,31 /	VO	1.0	PERS FIT T7	7	G
D500300	PERSONAL TRAINER Personal Trainer	30,31 /	VO	4.0			
PEP0110	PERSONAL TRAINER Personal Trainer	9-12,30,31 /Y	VO	4.0	PERS FIT T7	7	G
CONSUMER SERVICES CAREER PATH (HMPE)							
^a H170205	FAM HLTH SPT WKR-ATD Family Health Support Worker-ATD	30,31 /					
^a HUS0090	HUMAN SERVICES CORE Human Services Core	9-12,30,31 /S	VO	0.5			
^a PRN0122	FAM HLTH SPT WKR 1 Family Health Support Worker 1	9-12,30,31 /Y	VO	1.5			
^a PRN0123	FAM HLTH SPT WKR 2 Family Health Support Worker 2	9-12,30,31 /Y	VO	1.5			
^a H170408	^a UNIT TRTMT REHAB-ATD Unit Treatment and Rehabilitation-ATD	30,31 /					
^a HUS0090	HUMAN SERVICES CORE Human Services Core	9-12,30,31 /S	VO	0.5			

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
^a HCP0811	PSYCHIATRIC TECH 1 Psychiatric Technician 1	9-12,30,31 /Y	VO	2.0	
^a HCP0812	PSYCHIATRIC TECH 2 Psychiatric Technician 2	9-12,30,31 /Y	VO	2.0	
SUPPLEMENTAL PROGRAMS					
8500140	CAREER DISCOVERY Career Discovery	6-8 /S		FAM CON SCI 1	
8960370	EX FAM & CON SCI Exploring Family and Consumer Sciences (FACS)	6-8 /S		CULINARY 7 G FASH TECH 7 G PRESCH ED L	FAM CON SCI 1 INT DES 7 G
8599990	FAM & CONS SCI TRAN Family and Consumer Sciences Transfer	9-12,30,31 /		NA	
V000000	FAM & CONS SCI TRAN Family and Consumer Sciences Transfer	30,31 /		NA	
8960300	FUND OF HUMAN SERV Fundamentals of Human Service Careers	6-8 /S		FAM CON SCI 1	
8900420	HUMAN SERVICES OJT Human Services Cooperative Education n OJT	9-12,30,31 /M	VO MULTIPLE	BARBERING 7 G FAM CON SCI 1 HOMEMAKING 7 @2 %7 %G	COSMETOL @7 7 G HME EC OCC 7 %7 %G PERS SERV @7 7 G
8901000	HUMAN SERVICES DS Human Services Directed Study	1112,30,31 /M	VO MULTIPLE	BARBERING 7 G FAM CON SCI 1 HOMEMAKING 7 %7 %G	COSMETOL @7 7 G HME EC OCC 7 %7 %G PERS SERV @7 7 G
8960350	INTRO HUMAN SERVICES Introduction to Human Service Careers	6-8 /S		FAM CON SCI 1	
8960360	INTRO HUMAN SER/CP Introduction to Human Service Careers and Career Planning	6-8 /S		FAM CON SCI 1	
8500230	PERSONAL DEVELOPMENT Personal Development	6-8 /S		FAM CON SCI 1	HEALTH 6
8500430	PERSONAL DEV&CAR&CP Personal Development and Career Planning	6-8 /S		FAM CON SCI 1	HEALTH 6

| INFORMATION TECHNOLOGY (IT) CAREER CLUSTER |

NETWORK SYSTEMS CAREER PATH (ITPA)

9001300	APPLD CYBERSECURITY Applied Cybersecurity	9-12,30,31 /			
9001310	IT FUNDAMENTALS IT Fundamentals/Level 2	9-12,3031 /Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 CYBER TECH 7 G INFO TECH 7 G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12	/Y PA	1.0	ACCTING @7 7 G BANK FINC@7 7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G MANAG SUPV7 G MKTG 1 @2 MKTG MGMT 7 G WEB DEV 7 G
9001320	CPT & NET SECURITY Computer and Network Security Fundamentals/Level 3	9-12,3031	/Y VO	1.0	BUS ED 1 @2 COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G
9001330	CYBERSECURITY ESSEN Cybersecurity Essentials/Level 3	9-12,3031	/Y VO	1.0	BUS ED 1 @2 COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G
9001340	OPERATIONAL CYBERSEC Operational Cybersecurity/Level 3	9-12,3031	/Y VO	1.0	BUS ED 1 @2 COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G
9001350	CYBER PLAN & ANLY Cybersecurity Planning & Analysis/ Level 3	9-12,3031	/Y VO	1.0	BUS ED 1 @2 COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G
9001360	DATABASE SECURITY Database Security/Level 3	9-12,3031	/Y VO	1.0	BUS ED 1 @2 COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G
9001370	SOFT & APP SECURITY Software and Application Security/ Level 3	9-12,3031	/Y VO	1.0	BUS ED 1 @2 COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G
9001380	WEB SECURITY Web Security/Level 3	9-12,3031	/Y VO	1.0	BUS ED 1 @2 COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G
9001390	APPLD CYBERSEC APPS Applied Cybersecurity Applications/ Level 3	9-12,3031	/Y VO	1.0	BUS ED 1 @2 COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA REQUIREMENTS	CREDIT	CERTIFICATION
Y100300	APPLD CYBERSECURITY Applied Cybersecurity	9-12,30,31 /			
CTS0018	CYBERSECURITY ASSC Cybersecurity Associate	9-12,30,31 /Y	VO	4.0	BUS ED 1 @2 COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G
CTS0019	INFO SECURITY MGR Information Security Manager	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G
CTS0021	DATA SECURITY SPEC Data Security Specialist	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G
CTS0060	SOFT SECURITY SPEC Software Security Specialist	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G
CTS0085	WEB SECURITY SPEC Web Security Specialist	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G
CTS0089	INFO SECURITY ADMIN Information Security Administrator	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G
9001500	CLOUD CPT/VIRTUALIZA Cloud Computing and Virtualization	9-12,30,31 /			
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12 /Y	PA	1.0	ACCTING @7 7 G BANK FINC@7 7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G MANAG SUPV7 G MKTG 1 @2 MKTG MGMT 7 G WEB DEV 7 G
9001510	CPT ENG & SUPPORT Computer Engineering & Support/Level 3	9-12,30,31 /	VO	1.0	BUS ED 1 @2 COMPU SCI 6
9001520	NETWORK ENG & SPT Network Engineering & Support/Level 3	9-12,30,31 /	VO	1.0	BUS ED 1 @2 COMPU SCI 6

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
9001530	ESS OF CLOUD TECH Essentials of Cloud Technology/Level 3	9-12,30,31 /	VO	1.0	BUS ED 1 @2 COMPU SCI 6
9001540	BASICS OF CLOUD CPT Basics of Cloud Computing & Virtualization/Level 3	9-12,30,31 /	VO	1.0	BUS ED 1 @2 COMPU SCI 6
9001550	ADV CLOUD CPT/VIRT Advanced Cloud Computing & Virtualization/Level 3	9-12,30,31 /	VO	1.0	BUS ED 1 @2 COMPU SCI 6
Y100400	CLOUD CPT/VIRTUALIZA Cloud Computing and Virtualization	30,31 /			
OTA0040	INFO TECH ASSISTANT Information Technology Assistant	9-12,30,31 /Y	PA	1.0	ACCTING @7 7 G ADMIN ASST7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 INFO TECH 7 G MANAG SUPV7 G
EEV0504	CPT SUPPORT ASST Computer Support Assistant	9-12,30,31 /Y	VO	1.0	INFO TECH 7 G COMPU SCI 6 COMP SVC 7 G BUS ED 1 @2
CTS0026	NETWORK SUPPORT TECH Network Support Technician	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP SVC 7 G COMPU SCI 6 INFO TECH 7 G CYBER TECH7 G
CTS0054	CLOUD ANALYSIS Cloud Analysis	30,31 /Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6
CTS0056	CLOUD VIRTUAL SPEC Cloud Virtualization Specialist	30,31 /Y	VO	2.0	BUS ED 1 @2 COMPU SCI 6
9001200	CPT SYS & INFO TECH Computer Systems & Information Technology (CSIT)	9-12,30,31 /			

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12	/Y PA	1.0	ACCTING @7 7 G BANK FINC@7 7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G MANAG SUPV7 G MKTG 1 @2 MKTG MGMT 7 G WEB DEV 7 G
9001210	CSIT FOUNDATIONS Computer Systems & Information Technology (CSIT) Foundations/Level 3	9-12,3031	/Y VO	1.0	BUS ED 1 @2 COMPU SCI 6 COMP SVC 7 G CYBER TECH7 G ELECTRONI@7 7 G INFO TECH 7 G
9001220	CSIT SYS ESSENTIALS Computer Systems & Information Technology System Essentials/Level 3	9-12,3031	/Y VO	1.0	BUS ED 1 @2 COMPU SCI 6 COMP SVC 7 G CYBER TECH7 G ELECTRONI@7 7 G INFO TECH 7 G
9001230	CSIT NET SYS CONFIG CSIT Network Systems Configuration/ Level 3	9-12,3031	/Y VO	1.0	BUS ED 1 @2 COMPU SCI 6 COMP SVC 7 G CYBER TECH7 G ELECTRONI@7 7 G INFO TECH 7 G
9001240	CSIT NET SYS DSG/ADM CSIT Network Systems Design and Administration/Level 3	9-12,3031	/Y VO	1.0	BUS ED 1 @2 COMPU SCI 6 COMP SVC 7 G CYBER TECH7 G ELECTRONI@7 7 G INFO TECH 7 G
9001250	CSIT CYBER SEC ESSEN CSIT Cyber Security Essentials/Level 3	9-12,3031	/Y VO	1.0	BUS ED 1 @2 COMPU SCI 6 COMP SVC 7 G CYBER TECH7 G ELECTRONI@7 7 G INFO TECH 7 G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
9001260	CSIT CYBER SEC-PHYS CSIT Cyber Security-Physical/Level 3	9-12,3031 /Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 COMP SVC 7 G CYBER TECH7 G ELECTRONI@7 7 G INFO TECH 7 G
Y100200	CPT SYS & INFO TECH Computer Systems & Information Technology (CSIT)	30,31 /			
CTS0082	CPT SYSTEMS TECH Computer Systems Technician	9-12,30,31 /Y	VO	2.0	BUS ED 1 @2 COMPU SCI 6 COMP SVC 7 G CYBER TECH7 G ELECTRONI@7 7 G INFO TECH 7 G
CTS0083	CPT NETWORK TECH Computer Network Technician	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 COMP SVC 7 G CYBER TECH7 G ELECTRONI@7 7 G INFO TECH 7 G
CTS0084	CPT NETWORK SPEC Computer Networking Specialist	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 COMP SVC 7 G CYBER TECH7 G ELECTRONI@7 7 G INFO TECH 7 G
CTS0069	CPT SECURITY TECH Computer Security Technician	9-12,30,31 /Y	VO	2.0	BUS ED 1 @2 COMPU SCI 6 COMP SVC 7 G CYBER TECH7 G ELECTRONI@7 7 G INFO TECH 7 G
9005100	DIGITAL MEDIA TECH Digital Media Technology	9-12,30,31 /			
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12 /Y	PA	1.0	ACCTING @7 7 G BANK FINC@7 7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G MANAG SUPV7 G MKTG 1 @2 MKTG MGMT 7 G WEB DEV 7 G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
9005110	DIG MEDIA FUNDAMENTA Digital Media Fundamentals/Level 3	9-12	/Y PA	1.0	BUS ED 1 @2 DIGI MEDIA7 G INFO TECH 7 G
9005120	DIG MEDIA PROD SYS Digital Media Production Systems/ Level 3	9-12	/Y PA	1.0	BUS ED 1 @2 DIGI MEDIA7 G INFO TECH 7 G
9005130	DIG MEDIA DELIVERY Digital Media Delivery Systems/ Level 3	9-12	/Y PA	1.0	BUS ED 1 @2 DIGI MEDIA7 G INFO TECH 7 G
9005140	ADV DIG MEDIA SYS Advanced Digital Media Systems/ Level 3	9-12	/Y PA	1.0	BUS ED 1 @2 DIGI MEDIA7 G INFO TECH 7 G
Y500100	DIGITAL MEDIA TECH Digital Media Technology	30,31	/		
OTA0040	INFO TECH ASSISTANT Information Technology Assistant	9-12,30,31	/Y PA	1.0	ACCTING @7 7 G ADMIN ASST7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 INFO TECH 7 G MANAG SUPV7 G
DIG0080	DIGITAL MEDIA TECH Digital Media Technician	9-12,30,31	/Y VO	4.0	BUS ED 1 @2 DIGI MEDIA7 G INFO TECH 7 G
8208000	NETWORK SUPPORT SERS Network Support Services	9-12,30,31	/		
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12	/Y PA	1.0	ACCTING @7 7 G BANK FINC@7 7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G MANAG SUPV7 G MKTG 1 @2 MKTG MGMT 7 G WEB DEV 7 G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
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SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8207020	NETWORKING 1 Networking 1/Level 2	9-12,30,31 /Y	VO	1.0	BOOKKEEPING @4 7 G BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMP SVC 7 G COMPU SCI 6 ELECT DP @7 %G SECRETAR 7 G TC COOP E@7 TEC ELEC \$7 VOE @7 INFO TECH 7 G CYBER TECH7 G
8207030	NETWORKING 2 INFRAS Networking 2, Infrastructure/Level 3	9-12,30,31 /Y	VO	1.0	BOOKKEEPING @4 7 G BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMP SVC 7 G COMPU SCI 6 ELECT DP @7 %G SECRETAR 7 G TC COOP E@7 TEC ELEC \$7 VOE @7 CYBER TECH7 G INFO TECH 7 G
8207040	NETWORKING 3 INFRAS Networking 3, Infrastructure/Level 3	9-12,30,31 /Y	VO	1.0	BOOKKEEPING @4 7 G BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMP SVC 7 G COMPU SCI 6 ELECT DP @7 %G SECRETAR 7 G TC COOP E@7 TEC ELEC \$7 VOE @7 CYBER TECH7 G INFO TECH 7 G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8207050	NETWORKING 4 INFRAS Networking 4, Infrastructure/Level 3	9-12,30,31 /Y	VO	1.0	BOOKKEEPI@4 7 G BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMP SVC 7 G COMPU SCI 6 ELECT DP @7 %G SECRETAR 7 G TC COOP E@7 TEC ELEC \$7 VOE @7 CYBER TECH7 G INFO TECH 7 G
8207060	NETWORKING 5 Networking 5/Level 3	9-12,30,31 /Y	VO	1.0	BOOKKEEPI@4 7 G BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMP SVC 7 G COMPU SCI 6 ELECT DP @7 %G SECRETAR 7 G TC COOP E@7 TEC ELEC \$7 VOE @7 INFO TECH 7 G CYBER TECH7 G
8207070	NETWORKING 6 Networking 6/Level 3	9-12,30,31 /Y	VO	1.0	BOOKKEEPI@4 7 G BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMP SVC 7 G COMPU SCI 6 ELECT DP @7 %G SECRETAR 7 G TC COOP E@7 TEC ELEC \$7 VOE @7 INFO TECH 7 G CYBER TECH7 G
B078000	NETWORK SUPPORT SERS Network Support Services	30, 31 /			
OTA0040	INFO TECH ASSISTANT Information Technology Assistant	9-12,30,31 /Y	PA	1.0	ACCTING @7 7 G ADMIN ASST7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 INFO TECH 7 G MANAG SUPV7 G

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SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
EEV0504	CPT SUPPORT ASST Computer Support Assistant	9-12,30,31 /Y	VO	1.0	INFO TECH 7 G COMPU SCI 6 COMP SVC 7 G BUS ED 1 @2
CTS0022	NET SPT HELP DESK AS Network Support Help Desk Assistant	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP SVC 7 G COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G
CTS0023	NET SPT ADMIN Network Support Administrator	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP SVC 7 G COMPU SCI 6
CTS0024	SR NET ADMINISTRATOR Senior Network Administrator	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP SVC 7 G COMPU SCI 6
CTS0029	WIRELESS NET ADMIN Wireless Network Administrator	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP SVC 7 G COMPU SCI 6 INFO TECH 7 G CYBER TECH7 G
EEV0317	DATA COMM ANALYST Data Communications Analyst	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP SVC 7 G COMPU SCI 6 INFO TECH 7 G CYBER TECH7 G
8207440	NETWORK SYSTEM ADMIN Network Systems Administration	9-12,30,31 /			
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12 /Y	PA	1.0	ACCTING @7 7 G BANK FINC@7 7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G MANAG SUPV7 G MKTG 1 @2 MKTG MGMT 7 G WEB DEV 7 G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
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SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8207020	NETWORKING 1 Networking 1/Level 2	9-12,30,31 /Y	VO	1.0	BOOKKEEPING @4 7 G BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMP SVC 7 G COMPU SCI 6 ELECT DP @7 %G SECRETAR 7 G TC COOP E@7 TEC ELEC \$7 VOE @7 INFO TECH 7 G CYBER TECH7 G
8207441	NETWORKING 2 ADMIN Networking 2, Administration/Level 3	9-12,30,31 /Y	VO	1.0	BOOKKEEPING @4 7 G BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMP SVC 7 G COMPU SCI 6 ELECT DP @7 %G SECRETAR 7 TC COOP E@7 TEC ELEC \$7 VOE @7 INFO TECH 7 G CYBER TECH7 G
8207442	NETWORKING 3 ADMIN Networking 3, Administration/Level 3	9-12,30,31 /Y	VO	1.0	BOOKKEEPING @4 7 G BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMP SVC 7 G COMPU SCI 6 ELECT DP @7 %G SECRETAR 7 G TC COOP E@7 TEC ELEC \$7 VOE @7 INFO TECH 7 G CYBER TECH7 G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8207443	NETWORKING 4 ADMIN Networking 4, Administration/Level 3	9-12,30,31 /Y	VO	1.0	BOOKKEEPING @4 7 G BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMP SVC 7 G COMPU SCI 6 ELECT DP @7 @G SECRETAR 7 G TC COOP E@7 TEC ELEC \$7 VOE @7 INFO TECH 7 G CYBER TECH7 G
8207060	NETWORKING 5 Networking 5/Level 3	9-12,30,31 /Y	VO	1.0	BOOKKEEPING @4 7 G BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMP SVC 7 G COMPU SCI 6 ELECT DP @7 %G SECRETAR 7 G TC COOP E@7 TEC ELEC \$7 VOE @7 INFO TECH 7 G CYBER TECH7 G
8207070	NETWORKING 6 Networking 6/Level 3	9-12,30,31 /Y	VO	1.0	BOOKKEEPING @4 7 G BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMP SVC 7 G COMPU SCI 6 ELECT DP @7 %G SECRETAR 7 G TC COOP E@7 TEC ELEC \$7 VOE @7 INFO TECH 7 G CYBER TECH7 G
B079300	NETWORK SYSTEM ADMIN Network Systems Administration	30, 31 /			
OTA0040	INFO TECH ASSISTANT Information Technology Assistant	9-12,30,31 /Y	PA	1.0	ACCTING @7 7 G ADMIN ASST7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 INFO TECH 7 G MANAG SUPV7 G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

COURSES MEETING
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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA REQUIREMENTS	CREDIT	CERTIFICATION
EEV0504	CPT SUPPORT ASST Computer Support Assistant	9-12,30,31 /Y	VO	1.0	INFO TECH 7 G COMPU SCI 6 COMP SVC 7 G BUS ED 1 @2
CTS0026	NETWORK SUPPORT TECH Network Support Technician	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP SVC 7 G COMPU SCI 6 INFO TECH 7 G CYBER TECH7 G
CTS0027	SYSTEMS ADMIN Systems Administrator	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP SVC 7 G COMPU SCI 6 INFO TECH 7 G CYBER TECH7 G
CTS0028	SYSTEMS ENGINEER Systems Engineer	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP SVC 7 G COMPU SCI 6 INFO TECH 7 G CYBER TECH7 G
CTS0029	WIRELESS NET ADMIN Wireless Network Administrator	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP SVC 7 G COMPU SCI 6 INFO TECH 7 G CYBER TECH7 G
EEV0317	DATA COMM ANALYST Data Communications Analyst	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP SVC 7 G COMPU SCI 6 INFO TECH 7 G CYBER TECH7 G
9001400	TECH SUPPORT SERVICE Technology Support Services	9-12,30,31 /			
9001410	IT ESSENTIALS Information Essentials/Level 2	9-12 /Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 INFO TECH 7 G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION

8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12	/Y	PA	1.0	ACCTING @7	7	G
						BANK FINC@7	7	G
						BUS ED 1 @2		
						COMM ART @7	7	G
						COMP PROG 7	G	
						COMPU SCI 6		
						CYBER TECH7	G	
						INFO TECH 7	G	
						MANAG SUPV7	G	
						MKTG 1 @2		
9001420	TECH SUPPORT-CLIENT Technology Support - Client Systems /Level 3	9-12	/Y	VO	1.0	BUS ED 1 @2		
						COMPU SCI 6		
						INFO TECH 7	G	
9001430	TECH SUPPORT-NETWORK Technology Support - Network Systems /Level 3	9-12	/Y	VO	1.0	BUS ED 1 @2		
						COMPU SCI 6		
						INFO TECH 7	G	
9001440	TECH SUPPORT-SPZD TE Technology Support - Specialized Technologies/Level 3	9-12	/Y	VO	1.0	BUS ED 1 @2		
						COMPU SCI 6		
						INFO TECH 7	G	
Y100100	TECH SUPPORT SERVICE Technology Support Services	30,31	/					
CTS0059	TECH SUPPORT SPEC Technology Support Specialist	9-12,30,31	/Y	VO	4.0	BUS ED 1 @2		
						COMPU SCI 6		
						INFO TECH 7	G	

INFORMATION SUPPORT & SERVICES CAREER PATH (ITPB)

9003400	APPLIED INFO TECH Applied Information Technology	9-12,30,31	/					
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12	/Y	PA	1.0	ACCTING @7	7	G
						BANK FINC@7	7	G
						BUS ED 1 @2		
						COMM ART @7	7	G
						COMP PROG 7	G	
						COMPU SCI 6		
						CYBER TECH7	G	
						INFO TECH 7	G	
						MANAG SUPV7	G	
						MKTG 1 @2		
9003410	COMPUTER FUNDAMENTAL Computer Fundamentals/Level 2	9-12	/Y	PA	1.0	BUS ED 1 @2		
						COMPU SCI 6		
						INFO TECH 7	G	

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
9003420	WEB TECHNOLOGIES Web Technologies/Level 3	9-12 /Y	PA	1.0	BUS ED 1 @2 COMPU SCI 6 INFO TECH 7 G
9003430	IT SYS & APPS IT Systems & Applications/Level 3	9-12 /Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 INFO TECH 7 G
9003440	DATABASE ESSENTIALS Database Essentials/Level 3	9-12 /Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 INFO TECH 7 G
9003450	PROG ESSENTIALS Programming Essentials/Level 3	9-12 /Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 INFO TECH 7 G
9003460	WEB DEV TECH Web Development Technologies/Level 3 OR	9-12 /Y	PA	1.0	BUS ED 1 @2 COMPU SCI 6 INFO TECH 7 G
9003470	MULTIMEDIA TECH Multimedia Technologies/Level 3	9-12 /Y	PA	1.0	BUS ED 1 @2 COMPU SCI 6 INFO TECH 7 G
9003480	CPT NETWK FUND Computer Network Fundamentals/Level 3 OR	9-12 /Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 INFO TECH 7 G
9003490	CYBERSECURITY FUND Cybersecurity Fundamentals/Level 3	9-12 /Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 INFO TECH 7 G
^a Y300400	^a APPLIED INFO TECH Applied Information Technology	30,31 /			
OTA0040	INFO TECH ASSISTANT Information Technology Assistant	9-12,30,31 /Y	PA	1.0	ACCTING @7 7 G ADMIN ASST7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 INFO TECH 7 G MANAG SUPV7 G
^a CTS0072	IT & WEB SYSTEMS IT & Web Systems	9-12,30,31 /Y	VO	2.0	BUS ED 1 @2 COMPU SCI 6 INFO TECH 7 G
^a CTS0063	DATABASE ESSENTIALS Database Essentials	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 INFO TECH 7 G

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA REQUIREMENTS	CREDIT	CERTIFICATION
^a CTS0030	PROGRAMMING FUNDS Programming Fundamentals	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 INFO TECH 7 G
^a CTS0073	WEB DEVELOP FUNDS Web Development Fundamentals	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 COMPU SCI 6 INFO TECH 7 G
^a CTS0075	MULTIMEDIA SYSTEMS Multimedia Systems	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 COMPU SCI 6 INFO TECH 7 G
^a CTS0025	COMPUTER NETWORKING Computer Networking	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 INFO TECH 7 G
^a CTS0068	CYBERSECURITY ESSEN Cybersecurity Essentials	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 INFO TECH 7 G
8206400	DATABASE PGM ESSEN Database and Programming Essentials	9-12,30,31 /			
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12 /Y	PA	1.0	ACCTING @7 7 G BANK FINC@7 7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G MANAG SUPV7 G MKTG 1 @2 MKTG MGMT 7 G WEB DEV 7 G
8206410	DATABASE FUND Database Fundamentals/Level 2	11-12 /S	VO	0.5	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6 SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8206420	DATA CONTROL & FUNC Data Control and Functions/Level 2	11-12 /S	VO	0.5	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6 SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8206430	SPELZD DATAB PRGM Specialized Database Programming/ Level 3	11-12 /Y	VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6 SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8206440	SPELZD DATAB APPS Specialized Database Applications/ Level 3	11-12 /Y	VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6 SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
Y300100	DATABASE PGM ESSEN Database and Programming Essentials	30,31 /			
OTA0040	INFO TECH ASSISTANT Information Technology Assistant	9-12,30,31 /Y	PA	1.0	ACCTING @7 7 G ADMIN ASST7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 INFO TECH 7 G MANAG SUPV7 G
CTS0046	DATABASE FUNDAMENTAL Database Fundamentals	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
CTS0047	SPEC DATABASE PROG Specialized Database Programming	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
CTS0067	SPEC DATABASE APPS Specialized Database Applications	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
Y300600	ENTERPRISE DESKTOP Enterprise Desktop and Mobile Support Technology	30,31 /			
CTS0000	CPT HARDWARE FUND Computer Hardware Fundamentals	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 COMP SVC 7 G INFO TECH 7 G CYBER TECH7 G ELECTRONI@7 7 G
CTS0001	OPERATING SYS FUND Operating System Fundamentals	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 COMP SVC 7 G INFO TECH 7 G CYBER TECH7 G ELECTRONI@7 7 G
CTS0002	ADV OPERATING SYSTEM Advanced Operating Systems	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 COMP SVC 7 G INFO TECH 7 G CYBER TECH7 G ELECTRONI@7 7 G

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CTS0003	MOBILE SECURITY FUND Mobile-Security-Domain Environment Fundamentals	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 COMP SVC 7 G INFO TECH 7 G CYBER TECH7 G ELECTRONI@7 7 G
CTS0005	DESKTOP SUPPORT TECH Desktop Support Technician	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 COMP SVC 7 G INFO TECH 7 G CYBER TECH7 G ELECTRONI@7 7 G
CTS0020	NETWORK FUNDAMENTALS Network Fundamentals	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 COMP SVC 7 G INFO TECH 7 G CYBER TECH7 G ELECTRONI@7 7 G
CTS0033	NETWORK TECHNICIAN Network Technician	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 COMP SVC 7 G INFO TECH 7 G CYBER TECH7 G ELECTRONI@7 7 G
Y300500	ENTERPRISE NETWORK Enterprise Network and Server Support Technology	30,31 /			
CTS0099	ADV NETWORK FUND Advanced Network Fundamentals	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 COMP SVC 7 G INFO TECH 7 G CYBER TECH7 G ELECTRONI@7 7 G
CTS0066	IT SECURITY SPECIAL Information Technology Security Specialist/Certified Ethical Hacker	9-12,30,31 /Y	VO	4.0	BUS ED 1 @2 COMPU SCI 6 COMP SVC 7 G INFO TECH 7 G CYBER TECH7 G ELECTRONI@7 7 G
CTS0094	INTERCONNECT CISCO Interconnecting Cisco Network Devices	9-12,30,31 /Y	VO	4.0	BUS ED 1 @2 COMPU SCI 6 COMP SVC 7 G INFO TECH 7 G CYBER TECH7 G ELECTRONI@7 7 G

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CTS0048	MS CERT SYSTEMS ADM Microsoft Certified Systems Administrator	9-12,30,31 /Y	VO	4.0	BUS ED 1 @2 COMPU SCI 6 COMP SVC 7 G INFO TECH 7 G CYBER TECH7 G ELECTRONI@7 7 G
8600200	GIS TECHNOLOGY Geospatial/Geographic Information Systems (GIS) Technology	9-12,30,31 /			
8600260	INTRO TO GIS/RS TECH Introduction to GIS/RS Technology/ Level 2	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 ENG&TEC ED1 @2 TEC EN AI@7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8600270	ESS GIS/RS TOOLS/PRO Essential GIS/RS Tools and Processes /Level 2	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 ENG&TEC ED1 @2 TEC EN AI@7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8600280	GIS/RS ANAL & MODEL GIS/RS Analysis and Modeling/Level 2	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 COMPU SCI 6 ENG&TEC ED1 @2 TEC EN AI@7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8600290	ADV GIS/RS APPS Advanced GIS/RS Applications/Level 2	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 COMPU SCI 6 ENG&TEC ED1 @2 TEC EN AI@7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
T860020	GIS TECHNOLOGY Geospatial/Geographic Information Systems (GIS) Technology	30,31 /			
GIS0090	GIS TECH ASST GIS Technician Assistant	9-12,30,31 /Y	PA	2.0	BUS ED 1 @2 COMPU SCI 6 ENG&TEC ED1 @2 TEC EN AI@7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
GIS0091	GIS TECHNICIAN GIS Technician	9-12,30,31 /Y	PA	2.0	BUS ED 1 @2 COMPU SCI 6 ENG&TEC ED1 @2 TEC EN AI@7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
9003500	INTEGRATED IT Integrated Information Technology	9-12,30,31 /			

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			REQUIREMENTS				
9003510	IT PRINCIPLES IT Principles/Level 3	9-12	/Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 INFO TECH 7 G	
9003520	WEB DEVELOPMENT PRIN Web Development Principles/Level 3	9-12	/Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 INFO TECH 7 G	
9003530	DATABASE PRINCIPLES Database Principles/Level 3	9-12	/Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 INFO TECH 7 G	
9003540	PROGRAMMING PRIN Programming Principles/Level 3	9-12	/Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 INFO TECH 7 G	
9003550	CLOUD PRINCIPLES Cloud Principles/Level 3	9-12	/Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6 INFO TECH 7 G	
INTERACTIVE MEDIA CAREER PATH (ITPC)							
B082400	GAME/SIM/ANI ADV APP Game/Simulation/Animation Advanced Applications	30,31	/				
DIG0077	GAME/SIM/ANI ADV APP Game/Simulation/Animation Advanced Applications	9-12,30,31	/Y	VO	1.0	BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 TV PRO TE@7 7 G	
8208400	GAME/SIM/ANI ADV APP Game/Simulation/Animation Advanced Applications/Level 2	9-12,30,31	/Y	VO	1.0	BUS ED 1 @2 COMPU SCI 6	COMM ART @7 7 G TV PRO TEC @7 7 G
8208200	GAME/SIM/ANI AUD/VID Game/Simulation/Animation Audio/Vid eo Effects	9-12,30,31	/				
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12	/Y	PA	1.0	ACCTING @7 7 G BANK FINC@7 7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G MANAG SUPV7 G MKTG 1 @2 MKTG MGMT 7 G WEB DEV 7 G	

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8208110	GAME & SIM FOUND Game & Simulation Foundations/Level 2	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 TV PRO TE@7 7 G COMP PROG 7 G DIGI MEDIA7 G
8208120	GAME & SIM DESIGN Game & Simulation Design/Level 2	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 TV PRO TE@7 7 G COMP PROG 7 G DIGI MEDIA7 G
8208230	GAME/SIM AUD/SND EFF Game/Simulation Audio/Sound Effects /Level 2	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 TV PRO TE@7 7 G DIGI MEDIA7 G COMP PROG 7 G
8208240	GAME/SIM VID/SPEC EF Game/Simulation Video/Special Effects /Level 2	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 TV PRO TE@7 7 G DIGI MEDIA7 G COMP PROG 7 G
B082200	GAME/SIM/ANI AUD/VID Game/Simulation/Animation Audio/ Video Effects	30,31 /			
DIG0070	GAME/SIM DESIGNER Game/Simulation Designer	9-12,30,31 /Y	PA	2.0	BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 TV PRO TE@7 7 G COMP PROG 7 G DIGI MEDIA7 G
DIG0073	DIGITAL MEDIA ART Digital Media Artist	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 TV PRO TE@7 7 G DIGI MEDIA7 G COMP PROG 7 G
DIG0074	DIGITAL MEDIA SPEC Digital Media Specialist	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 TV PRO TE@7 T G DIGI MEDIA7 G COMP PROG 7 G

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8208300	GAME/SIM/ANI PGM Game/Simulation/Animation Programming	9-12,30,31 /							
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12 /Y	PA	1.0	ACCTING @7	7	G		
					BANK FINC@7	7	G		
					BUS ED 1 @2				
					COMM ART @7	7	G		
					COMP PROG 7	G			
					COMPU SCI 6				
					CYBER TECH7	G			
					INFO TECH 7	G			
					MANAG SUPV7	G			
					MKTG 1 @2				
					MKTG MGMT 7	G			
					WEB DEV 7	G			
8208110	GAME & SIM FOUND Game & Simulation Foundations/Level 2	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2				
					COMM ART @7	7	G		
					COMPU SCI 6				
					TV PRO TE@7	7	G		
					COMP PROG 7	G			
					DIGI MEDIA7	G			
8208120	GAME & SIM DESIGN Game & Simulation Design/Level 2	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2				
					COMM ART @7	7	G		
					COMPU SCI 6				
					TV PRO TE@7	7	G		
					COMP PROG 7	G			
					DIGI MEDIA7	G			
8208330	GAME & SIM PROGRAM Game & Simulation Programming/Level 3	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2				
					COMM ART @7	7	G		
					COMP PROG 7	G			
					COMPU SCI 6				
					TV PRO TE@7	7	G		
					DIGI MEDIA7	G			
8208340	MULTI-USER GAME&SIM Multi-User Game & Simulation Programming/Level 3	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2				
					COMM ART @7	7	G		
					COMP PROG 7	G			
					COMPU SCI 6				
					TV PRO TE@7	7	G		
					DIGI MEDIA7	G			
B082300	GAME/SIM/ANI PGM Game/Simulation/Animation Programming	30,31 /							
DIG0070	GAME/SIM DESIGNER Game/Simulation Designer	9-12,30,31 /Y	PA	2.0	BUS ED 1 @2				
					COMM ART @7	7	G		
					COMPU SCI 6				
					TV PRO TE@7	7	G		
					COMP PROG 7	G			
					DIGI MEDIA7	G			

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DIG0075	GAME/SIM PROGRAMMER Game/Simulation Programmer	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 TV PRO TE@7 7 G DIGI MEDIA7 G
DIG0076	GAME/SIM SOFT DEV Game/Simulation Software Developer	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 TV PRO TE@7 7 G DIGI MEDIA7 G
8208100	GAME/SIM/ANI VIS DSN Game/Simulation/Animation Visual Design	9-12,30,31 /			
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12 /Y	PA	1.0	ACCTING @7 7 G BANK FINC@7 7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G MANAG SUPV7 G MKTG 1 @2 MKTG MGMT 7 G WEB DEV 7 G
8208110	GAME & SIM FOUND Game & Simulation Foundations/Level 2	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 TV PRO TE@7 7 G COMP PROG 7 G DIGI MEDIA7 G
8208120	GAME & SIM DESIGN Game & Simulation Design/Level 2	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 TV PRO TE@7 7 G COMP PROG 7 G DIGI MEDIA7 G
8208130	GAME & SIM GR ART Game & Simulation Graphic Artist/ Level 2	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 DIGI MEDIA7 G TV PRO TE@7 7 G COMP PROG 7 G

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8208140	GAME & SIM 3D ANI Game & Simulation 3D Animation/Level 2	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 DIGI MEDIA7 G TV PRO TE@7 7 G COMP PROG 7 G
B082100	GAME/SIM/ANI VIS DSN Game/Simulation/Animation Visual Design	30,31 /			
DIG0070	GAME/SIM DESIGNER Game/Simulation Designer	9-12,30,31 /Y	PA	2.0	BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 TV PRO TE@7 7 G COMP PROG 7 G DIGI MEDIA7 G
DIG0071	GAME/SIM GRAPH ART Game/Simulation Graphic Artist	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 DIGI MEDIA7 G TV PRO TE@7 7 G COMP PROG 7 G
DIG0072	GAME/SIM 3D ANIMATOR Game/Simulation 3D Animator	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 COMM ART @7 7 G COMPU SCI 6 DIGI MEDIA7 G TV PRO TE@7 7 G COMP PROG 7 G
9005200	MODELING & SIMULAT Modeling and Simulation	9-12,30,31 /			
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12 /Y	PA	1.0	ACCTING @7 7 G BANK FINC@7 7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G MANAG SUPV7 G MKTG 1 @2 MKTG MGMT 7 G WEB DEV 7 G

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9005210	MODEL & SIM FOUNDS Modeling and Simulation Foundations /Level 2	9-12,3031 /Y	PA	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6 ENG 7 G ENG TEC 7 G INFO TECH 7 G ROBOTICS 7 G ENG&TEC ED1 @2
9005220	MODEL & SIM DESIGN Modeling and Simulation Design/Level 2	9-12,3031 /Y	PA	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6 ENG 7 G ENG TEC 7 G INFO TECH 7 G ROBOTICS 7 G ENG&TEC ED1 @2
9005230	MODEL & SIM APPS Modeling and Simulation Applications /Level 3	9-12,3031 /Y	PA	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6 ENG 7 G ENG TEC 7 G INFO TECH 7 G ROBOTICS 7 G ENG&TEC ED1 @2
9005240	MODEL & SIM PROTO Modeling and Simulation Prototyping and Innovation/Level 3	9-12,3031 /Y	PA	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6 ENG 7 G ENG TEC 7 G INFO TECH 7 G ROBOTICS 7 G ENG&TEC ED1 @2
Y500300	MODEL SIM DESIGN Modeling Simulation Design	30,31 /			
CTS0770	MODEL SIM TECH Modeling & Simulation Technician	30,31 /Y	VO	1.0	COMPU SCI 6 ENG&TEC ED1 @2 ENG 7 G ENG TEC 7 G INFO TECH 7 G COMP PROG 7 G ROBOTICS 7 G BUS ED 1 @2 TV PRO TE@7 7 G COMM ART @7 7 G

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CTS0771	MODEL SIM 2D ART Modeling & Simulation 2D Artist	30,31	/Y PA	2.0	COMPU SCI 6 ENG&TEC ED1 @2 ENG 7 G ENG TEC 7 G INFO TECH 7 G COMP PROG 7 G ROBOTICS 7 G BUS ED 1 @2 TV PRO TE@7 7 G COMM ART @7 7 G
CTS0772	MODEL SIM 3D ART Modeling & Simulation 3D Artist	30,31	/Y PA	2.0	COMPU SCI 6 ENG&TEC ED1 @2 ENG 7 G ENG TEC 7 G INFO TECH 7 G COMP PROG 7 G ROBOTICS 7 G BUS ED 1 @2 TV PRO TE@7 7 G COMM ART @7 7 G
CTS0773	MODEL SIM TEC ART Modeling & Simulation Technical Artist	30,31	/Y PA	2.0	COMPU SCI 6 ENG&TEC ED1 @2 ENG 7 G ENG TEC 7 G INFO TECH 7 G COMP PROG 7 G ROBOTICS 7 G BUS ED 1 @2 TV PRO TE@7 7 G COMM ART @7 7 G
CTS0774	MODEL SIM DEVELOPER Modeling & Simulation Developer	30,31	/Y VO	3.0	COMPU SCI 6 ENG&TEC ED1 @2 ENG 7 G ENG TEC 7 G INFO TECH 7 G COMP PROG 7 G ROBOTICS 7 G BUS ED 1 @2 TV PRO TE@7 7 G COMM ART @7 7 G
Y500200	MODEL SIM PRODUCT Modeling Simulation Production	30,31	/		

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CTS0770	MODEL SIM TECH Modeling & Simulation Technician	30,31	/Y VO	1.0	COMPU SCI 6 ENG&TEC ED1 @2 ENG 7 G ENG TEC 7 G INFO TECH 7 G COMP PROG 7 G ROBOTICS 7 G BUS ED 1 @2 TV PRO TE@7 7 G COMM ART @7 7 G
CTS0776	MODEL SIM PROGRAM I Modeling & Simulation Programmer I	30,31	/Y VO	2.0	COMPU SCI 6 ENG&TEC ED1 @2 ENG 7 G ENG TEC 7 G INFO TECH 7 G COMP PROG 7 G ROBOTICS 7 G BUS ED 1 @2 TV PRO TE@7 7 G COMM ART @7 7 G
CTS0777	MODEL SIM PROGRAM II Modeling & Simulation Programmer II	30,31	/Y VO	2.0	COMPU SCI 6 ENG&TEC ED1 @2 ENG 7 G ENG TEC 7 G INFO TECH 7 G COMP PROG 7 G ROBOTICS 7 G BUS ED 1 @2 TV PRO TE@7 7 G COMM ART @7 7 G
CTS0778	MODEL SIM ADV PROG Modeling & Simulation Advanced Programmer	30,31	/Y VO	2.0	COMPU SCI 6 ENG&TEC ED1 @2 ENG 7 G ENG TEC 7 G INFO TECH 7 G COMP PROG 7 G ROBOTICS 7 G BUS ED 1 @2 TV PRO TE@7 7 G COMM ART @7 7 G

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CTS0774	MODEL SIM DEVELOPER Modeling & Simulation Developer	30,31	/Y VO	3.0	COMPU SCI 6 ENG&TEC ED1 @2 ENG 7 G ENG TEC 7 G INFO TECH 7 G COMP PROG 7 G ROBOTICS 7 G BUS ED 1 @2 TV PRO TE@7 7 G COMM ART @7 7 G
9001100	WEB DEVELOPMENT Web Development	9-12,30,31 /			
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12	/Y PA	1.0	ACCTING @7 7 G BANK FINC@7 7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G MANAG SUPV7 G MKTG 1 @2 MKTG MGMT 7 G WEB DEV 7 G
9001110	FOUND OF WEB DESIGN Foundations of Web Design/Level 3	9-12,3031	/Y PA	1.0	BUS ED 1 @2 VOE @7 TC COOP E@7 BUS DP @7 G ELECT DP @7 G CLERICAL @7 G SECRETAR @7 G STENO @4 TEC ELEC \$7 G COMPU SCI 6 @2 COMM ART @7 7 G WEB DEV 7 G
9001120	USER INTERFACE DSN User Interface Design/Level 3	9-12,3031	/Y PA	1.0	BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 ELECT DP @7 %G SECRETAR 7 G STENO @4 TC COOP E@7 TEC ELEC \$7 G VOE @7 WEB DEV 7 G

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9001130	WEB SCRIPT FUND Web Scripting Fundamentals/Level 3	9-12,3031 /Y	PA	1.0	BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 ELECT DP @7 %G SECRETAR 7 G STENO @4 TC COOP E@7 TEC ELEC a7 G VOE @7 WEB DEV 7 G
9001140	MEDIA INTEGRAT ESS Media Integration Essentials/Level 3	9-12,3031 /Y	PA	1.0	BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 ELECT DP @7 %G SECRETAR 7 G STENO @4 TC COOP E@7 TEC ELEC \$7 G VOE @7 WEB DEV 7 G
9001150	E-COMM & MKT ESS E-Commerce & Marketing Essentials/ Level 3	9-12,3031 /Y	VO	1.0	BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 ELECT DP @7 %G SECRETAR 7 G STENO @4 TC COOP E@7 TEC ELEC \$7 G VOE @7 WEB DEV 7 G
9001160	INTERACTIVITY ESS Interactivity Essentials/Level 3	9-12,3031 /Y	PA	1.0	BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 ELECT DP @7 %G SECRETAR 7 G STENO @4 TC COOP E@7 TEC ELEC \$7 G VOE @7 WEB DEV 7 G

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Y700100	WEB DEVELOPMENT Web Development	30, 31 /			
OTA0040	INFO TECH ASSISTANT Information Technology Assistant	9-12, 30, 31 /Y	PA	1.0	ACCTING @7 7 G ADMIN ASST7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 INFO TECH 7 G MANAG SUPV7 G
CTS0070	WEB DESIGN FOUND Web Design Foundations	9-12, 30, 31 /Y	PA	1.0	BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 ELECT DP @7 %G SECRETAR 7 G STENO @4 TC COOP E@7 TEC ELEC \$7 G VOE @7 WEB DEV 7 G
CTS0071	WEB INTERFACE DSN Web Interface Design	9-12, 30, 31 /Y	PA	1.0	BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 ELECT DP @7 %G SECRETAR 7 G STENO @4 TC COOP E@7 TEC ELEC \$7 G VOE @7 WEB DEV 7 G
CTS0049	WEB SCRIPTING Web Scripting	9-12, 30, 31 /Y	PA	1.0	BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 ELECT DP @7 %G SECRETAR 7 G STENO @4 TC COOP E@7 TEC ELEC \$7 G VOE @7 WEB DEV 7 G

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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CTS0015	WEB MEDIA INTEGRAT Web Media Integration	9-12,30,31 /Y	PA	1.0	BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 ELECT DP @7 %G SECRETAR 7 G STENO @4 TC COOP E@7 TEC ELEC \$7 G VOE @7 WEB DEV 7 G
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CTS0016	WEB E-COMMERCE Web E-Commerce	9-12,30,31 /Y	VO	1.0	BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 ELECT DP @7 %G SECRETAR 7 G STENO @4 TC COOP E@7 TEC ELEC \$7 G VOE @7 WEB DEV 7 G
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CTS0017	WEB INTERACTIVITY Web Interactivity	9-12,30,31 /Y	PA	1.0	BUS DP @7 %G BUS ED 1 @2 CLERICAL @7 7 G COMM ART @7 7 G COMPU SCI 6 ELECT DP @7 %G SECRETAR 7 G STENO @4 TC COOP E@7 TEC ELEC \$7 G VOE @7 WEB DEV 7 G
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PROGRAMMING & SOFTWARE DEVELOPMENT CAREER PATH (ITPD)

9007400	.NET APP DEV & PROG .NET Application Development and Programming	9-12,30,31 /			
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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12	/Y PA	1.0	ACCTING @7 7 G BANK FINC@7 7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G MANAG SUPV7 G MKTG 1 @2 MKTG MGMT 7 G WEB DEV 7 G
9007210	FOUND OF PROGRAMMING Foundations of Programming/Level 3	9-12,30,31	/Y VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
9007220	PROCEDURAL PROGRAM Procedural Programming/Level 3	9-12,30,31	/Y VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
9007230	OBJ-ORIENT PROGRAM Object-Oriented Programming Fundamentals/Level 3	9-12,30,31	/Y VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
9007410	.NET APP DEV FOUND .NET Application Development Foundation/Level 3	9-12,30,31	/Y VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
9007420	.NET APP DEV APPLIED .NET Application Development Applied /Level 3	9-12,30,31	/Y VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
9007430	.NET APP DEV CAP .NET Application Development Capstone/Level 3	9-12,30,31	/Y VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
Y700400	.NET APP DEV & PROG .NET Application Development and Programming	30,31	/		
OTA0040	INFO TECH ASSISTANT Information Technology Assistant	9-12,30,31	/Y PA	1.0	ACCTING @7 7 G ADMIN ASST7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 INFO TECH 7 G MANAG SUPV7 G
CTS0041	CPT PROGRAMMER ASST Computer Programmer Assistant	9-12,30,31	/Y VO	2.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
CTS0044	COMPUTER PROGRAMMER Computer Programmer	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
CTS0032	.NET PROGRAMMER .NET Programmer	9-12,30,31 /Y	VO	3.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
8206500	BUSINESS CPTR PGM Business Computer Programming	9-12,30,31 /			
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12 /Y	PA	1.0	ACCTING @7 7 G BANK FINC@7 7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G MANAG SUPV7 G MKTG 1 @2 MKTG MGMT 7 G WEB DEV 7 G
8206010	BUSINESS CPTR PGM 1 Business Computer Programming 1/ Level 2	9-12,30,31 /Y	VO	1.0	BOOKKEEPI@4 @7 G BUS DP @7 %G BUS ED 1 @2 COMPU SCI 6 ELECT DP @7 %G TC COOP E@7 TEC ELEC \$7 G VOE @7
8206020	BUSINESS CPTR PGM 2 Business Computer Programming 2/ Level 2	9-12,30,31 /Y	VO	1.0	BOOKKEEPI@4 @7 G BUS DP @7 %G BUS ED 1 @2 COMPU SCI 6 ELECT DP @7 %G TC COOP E@7 TEC ELEC \$7 G VOE @7
8206030	BUSINESS CPTR PGM 3 Business Computer Programming 3/ Level 2	9-12,30,31 /Y	VO	1.0	BOOKKEEPI@4 @7 G BUS DP @7 %G BUS ED 1 @2 COMPU SCI 6 ELECT DP @7 %G TC COOP E@7 TEC ELEC \$7 G VOE @7

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8206040	BUSINESS CPTR PGM 4 Business Computer Programming 4/ Level 2	9-12,30,31 /Y	VO	1.0	BOOKKEEPING @4 @7 G BUS DP @7 %G BUS ED 1 @2 COMPU SCI 6 ELECT DP @7 %G TC COOP E@7 TEC ELEC \$7 G VOE @7
8206050	BUSINESS CPTR PGM 5 Business Computer Programming 5/ Level 3	9-12,30,31 /Y	VO	1.0	BOOKKEEPING @4 @7 G BUS DP @7 %G BUS ED 1 @2 COMPU SCI 6 ELECT DP @7 %G TC COOP E@7 TEC ELEC \$7 G VOE @7
8206060	BUSINESS CPTR PGM 6 Business Computer Programming 6/ Level 3	9-12,30,31 /Y	VO	1.0	BOOKKEEPING @4 @7 G BUS DP @7 %G BUS ED 1 @2 COMPU SCI 6 ELECT DP @7 %G TC COOP E@7 TEC ELEC \$7 G VOE @7
8206070	BUSINESS CPTR PGM 7 Business Computer Programming 7/ Level 3	9-12,30,31 /Y	VO	1.0	BOOKKEEPING @4 @7 G BUS DP @7 %G BUS ED 1 @2 COMPU SCI 6 ELECT DP @7 %G TC COOP E@7 TEC ELEC \$7 G VOE @7
B070320	BUSINESS CPTR PGM Business Computer Programming	30, 31 /			
OTA0040	INFO TECH ASSISTANT Information Technology Assistant	9-12,30,31 /Y	PA	1.0	ACCTING @7 7 G ADMIN ASST7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 INFO TECH 7 G MANAG SUPV7 G
CTS0041	CPT PROGRAMMER ASST Computer Programmer Assistant	9-12,30,31 /Y	VO	2.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
CTS0042	JUNIOR PROGRAMMER Junior Programmer	9-12,30,31 /Y	VO	2.0	BUS ED 1 @2 COMPU SCI 6
CTS0043	JUNIOR PROGRAMMER II Junior Programmer II	9-12,30,31 /Y	VO	2.0	BUS ED 1 @2 COMPU SCI 6
CTS0044	COMPUTER PROGRAMMER Computer Programmer	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
9007600	CPT SCIENCE PRIN Computer Science Principles	9-12,30,31 /			
9007610	ADVANCED IT Advanced Information Technology/ Level 3	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
9007210	FOUND OF PROGRAMMING Foundations of Programming/Level 3	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
9007220	PROCEDURAL PROGRAM Procedural Programming/Level 3	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
9007230	OBJ-ORIENT PROGRAM Object-Oriented Programming Fundamentals/Level 3	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
9007300	DB APP DEV & PROG Database Application Development and Programming	9-12,30,31 /			
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12 /Y	PA	1.0	ACCTING @7 7 G BANK FINC@7 7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G MANAG SUPV7 G MKTG 1 @2 MKTG MGMT 7 G WEB DEV 7 G
9007210	FOUND OF PROGRAMMING Foundations of Programming/Level 3	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
9007220	PROCEDURAL PROGRAM Procedural Programming/Level 3	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
9007230	OBJ-ORIENT PROGRAM Object-Oriented Programming Fundamentals/Level 3	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
9007310	DB DSGN & SQL PROG Database Design and SQL Programming /Level 3	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
9007320	SQL EXT LANGUAGES I SQL Extension Languages I/Level 3	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
9007330	SQL EXT LANGUAGES II SQL Extension Languages II/Level 3	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
9007340	CUST DB PROGRAMMING Custom Database Programming/Level 3	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
Y700300	DB APP DEV & PROG Database Application Development and Programming	30,31 /			
OTA0040	INFO TECH ASSISTANT Information Technology Assistant	9-12,30,31 /Y	PA	1.0	ACCTING @7 7 G ADMIN ASST7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 INFO TECH 7 G MANAG SUPV7 G
CTS0041	CPT PROGRAMMER ASST Computer Programmer Assistant	9-12,30,31 /Y	VO	2.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
CTS0044	COMPUTER PROGRAMMER Computer Programmer	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
CTS0062	DATABASE PROGRAMMER Database Programmer	9-12,30,31 /Y	VO	4.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
9007200	JAVA DEV & PROG Java Development and Programming	9-12,30,31 /			

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12	/Y PA	1.0	ACCTING @7 7 G BANK FINC@7 7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G MANAG SUPV7 G MKTG 1 @2 MKTG MGMT 7 G WEB DEV 7 G
9007210	FOUND OF PROGRAMMING Foundations of Programming/Level 3	9-12,30,31	/Y VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
9007220	PROCEDURAL PROGRAM Procedural Programming/Level 3	9-12,30,31	/Y VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
9007230	OBJ-ORIENT PROGRAM Object-Oriented Programming Fundamentals/Level 3	9-12,30,31	/Y VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
9007240	JAVA PROGRAM ESSEN Java Programming Essentials/Level 3	9-12,30,31	/Y VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
9007250	APPL OBJ-OR JAVA PRO Applied Object-Oriented Java Programming/Level 3	9-12,30,31	/Y VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
9007260	JAVA DB PROGRAMMING Java Database Programming/Level 3	9-12,30,31	/Y VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
9007270	JAVA PROGRAM CAP Java Programming Capstone/Level 3	9-12,30,31	/Y VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
Y700200	JAVA DEV & PROG Java Development and Programming	30,31	/		
OTA0040	INFO TECH ASSISTANT Information Technology Assistant	9-12,30,31	/Y PA	1.0	ACCTING @7 7 G ADMIN ASST7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 INFO TECH 7 G MANAG SUPV7 G

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
CTS0041	CPT PROGRAMMER ASST Computer Programmer Assistant	9-12,30,31 /Y	VO	2.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
CTS0044	COMPUTER PROGRAMMER Computer Programmer	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
CTS0031	JAVA DEVELOPER Java Developer	9-12,30,31 /Y	VO	4.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
9007500	WEB APPL DEV & PROG Web Application Development and Programming	9-12,30,31 /			
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12 /Y	PA	1.0	ACCTING @7 7 G BANK FINC@7 7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 CYBER TECH7 G INFO TECH 7 G MANAG SUPV7 G MKTG 1 @2 MKTG MGMT 7 G WEB DEV 7 G
9007210	FOUND OF PROGRAMMING Foundations of Programming/Level 3	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
9007220	PROCEDURAL PROGRAM Procedural Programming/Level 3	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
9007230	OBJ-ORIENT PROGRAM Object-Oriented Programming Fundamentals/Level 3	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
9007510	WEB PROGRAMMING Web Programming/Level 3	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
9007520	JAVASCRIPT PROGRAM JavaScript Programming/Level 3	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
9007530	PHP PROGRAM PHP Programming/Level 3	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
Y700500	WEB APPL DEV & PROG Web Application Development and Programming	30,31	/		
OTA0040	INFO TECH ASSISTANT Information Technology Assistant	9-12,30,31 /Y	PA	1.0	ACCTING @7 7 G ADMIN ASST7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 INFO TECH 7 G MANAG SUPV7 G
CTS0041	CPT PROGRAMMER ASST Computer Programmer Assistant	9-12,30,31 /Y	VO	2.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
CTS0044	COMPUTER PROGRAMMER Computer Programmer	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
CTS0034	WEB PROGRAMMER Web Programmer	9-12,30,31 /Y	VO	3.0	BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6

MIDDLE SCHOOL PROGRAMS

9009200	CODING FUNDAMENTALS Coding Fundamentals	6-8	/S	BUS ED 1 @2 COMPU SCI 6 INFO TECH 7 G	COMP PROG 7 G CYBER TECH 7 G WEB DEV 7 G
9009350	EXPLOR IT CAREERS Exploring Information Technology Careers	6-8	/S	BUS ED 1 @2 COMPU SCI 6 DIGI MEDIA 7 G WEB DEV 7 G	COMP PROG 7 G CYBER TECH 7 G INFO TECH 7 G
9009360	EXPLOR IT CAREERS/CP Exploring Information Technology Careers and Career Planning	6-8	/S	BUS ED 1 @2 COMPU SCI 6 DIGI MEDIA 7 G WEB DEV 7 G	COMP PROG 7 G CYBER TECH 7 G INFO TECH 7 G
9009400	FUND OF NET & INFO Fundamentals of Networking and Information Support	6-8	/S	BUS ED 1 @2 CYBER TECH 7 G	COMPU SCI 6 INFO TECH 7 G
9009500	FUND OF WEB & SOFT Fundamentals of Web and Software Development	6-8	/Y	BUS ED 1 @2 COMPU SCI 6 WEB DEV 7 G	COMP PROG 7 G INFO TECH 7 G
9009100	INFO & COMM TECH ESS Information and Communications Technology (ICT) Essentials	6-8	/		
9009110	INFO & COMM TECH 1 Information and Communications Technology (ICT) Essentials 1	6-8	/Y	BUS ED 1 @2 COMPU SCI 6 INFO TECH 7 G WEB DEV 7 G	

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION				
9009120	INFO & COMM TECH 2 Information and Communications Technology (ICT) Essentials 2	6-8	/Y			BUS ED	1 @2		
						COMPU SCI	6		
						INFO TECH	7 G		
						WEB DEV	7 G		
9009130	INFO & COMM TECH 3 Information and Communications Technology (ICT) Essentials 3	6-8	/Y			BUS ED	1 @2		
						COMPU SCI	6		
						INFO TECH	7 G		
						WEB DEV	7 G		
9009370	ICT & CAREER PLAN Information and Communications Technology (ICT) Essentials and CP	6-8	/Y						
9009110	INFO & COMM TECH 1 Information and Communications Technology (ICT) Essentials 1	6-8	/Y			BUS ED	1 @2		
						COMPU SCI	6		
						INFO TECH	7 G		
						WEB DEV	7 G		
9009120	INFO & COMM TECH 2 Information and Communications Technology (ICT) Essentials 2	6-8	/Y			BUS ED	1 @2		
						COMPU SCI	6		
						INFO TECH	7 G		
						WEB DEV	7 G		
9009140	INFO & COMM TECH CP Information & Communications Technology Essentials Career and Career	6-8	/Y			BUS ED	1 @2		
						COMPU SCI	6		
						INFO TECH	7 G		
						WEB DEV	7 G		
9000420	IT OJT Information Technology Cooperative Education OJT	9-12,30,31	/M	VO	MULTIPLE	BUS ED	1 @2	COMP PROG	7 G
						CYBER TECH	7 G	DIGI MEDIA	7 G
						INFO TECH	7 G	WEB DEV	7 G
9000100	IT DIRECTED STUDY Information Technology Directed Study	1112,30,31	/M	VO	MULTIPLE	BUS ED	1 @2	COMP PROG	7 G
						COMPU SCI	6	CYBER TECH	7 G
						DIGI MEDIA	7 G	INFO TECH	7 G
						WEB DEV	7 G		
APPRENTICESHIP PROGRAMS									
I47011R	CPT SYSS TECH-APPR Computer Systems Technology - Apprenticeship	30,31	/						
T86002R	GIS TECH-APPR Geospatial/Geographic Information Systems (GIS) Technology - Apprenticeship	30,31	/						
Y30030R	INFO TECH - APPR Information Technology - Apprenticeship	30,31	/						
B07040R	PC SUPPORT SERS-APPR PC Support Services - Apprenticeship	30, 31	/						

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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LAW, PUBLIC SAFETY & SECURITY CAREER CLUSTER

CORRECTION SERVICES CAREER PATH (LWPA)

^a P430155	^a COMB CJSTC CORR & LE Combined CJSTC Corrections and Law Enforcement Basic Dual Cert	30,31	/		
CJK0300	INTRO TO CORRECTIONS Introduction to Corrections	9-12,30,31	/Y	VO	CORR OFF 7 G LAW ENF @7 7 G
CJK0305	COMMUNICATIONS Communications	9-12,30,31	/Y	VO	CORR OFF 7 G LAW ENF @7 7 G
CJK0310	OFFICER SAFETY Officer Safety	9-12,30,31	/Y	VO	CORR OFF 7 G LAW ENF @7 7 G
CJK0315	FACILITY & EQUIP Facility and Equipment	9-12,30,31	/Y	VO	CORR OFF 7 G LAW ENF @7 7 G
CJK0320	INTAKE & RELEASE Intake and Release	9-12,30,31	/Y	VO	CORR OFF 7 G LAW ENF @7 7 G
CJK0325	SPRV CORR FACILITY Supervising in a Correctional Facility	9-12,30,31	/Y	VO	CORR OFF 7 G LAW ENF @7 7 G
CJK0330	SPRV SP POPULATIONS Supervising Special Populations	9-12,30,31	/Y	VO	CORR OFF 7 G LAW ENF @7 7 G
CJK0335	RESP INCIDENT & EMER Responding to Incidents and Emergencies	9-12,30,31	/Y	VO	CORR OFF 7 G LAW ENF @7 7 G
CJK0031	CMS FIRST AIDE/CJO CMS First Aide for Criminal Justice Officer	9-12,30,31	/Y	VO	CORR OFF 7 G LAW ENF @7 7 G
CJK0040	CMS CRIM JUST FIREAR CMS Criminal Justice Firearms	9-12,30,31	/Y	VO	0.5 CORR OFF 7 G LAW ENF @7 7 G
CJK0051	CMS CRIM JUST DEF TA CMS Criminal Justice Defensive Tactics	9-12,30,31	/Y	VO	0.5 CORR OFF 7 G LAW ENF @7 7 G
CJK0340	OFF WELLNESS & PA Officer Wellness and Physical Abilities	9-12,30,31	/Y	VO	CORR OFF 7 G LAW ENF @7 7 G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
CJK0293	OVERVIEW OF LAW ENF Overview of Law Enforcement	9-12,30,31 /Y	VO	CORR OFF 7 G LAW ENF @7 7 G	
CJK0297	CRISIS SITUATIONS Interactions in Crisis Situations	9-12,30,31 /Y	VO	CORR OFF 7 G LAW ENF @7 7 G	
CJK0296	REPORTING PROCEDURES Reporting Procedures	9-12,30,31 /Y	VO	CORR OFF 7 G LAW ENF @7 7 G	
CJK0064	FUNDS OF PATROL Fundamentals of Patrol	9-12,30,31 /Y	VO	CORR OFF 7 G LAW ENF @7 7 G	
CJK0065	CALLS FOR SERVICE Calls for Service	9-12,30,31 /Y	VO	CORR OFF 7 G LAW ENF @7 7 G	
CJK0077	CRIMINAL INVEST Criminal Investigations	9-12,30,31 /Y	VO	CORR OFF 7 G LAW ENF @7 7 G	
CJK0078	CRIME SCENE/COURTRM Crime Scene to Courtroom	9-12,30,31 /Y	VO	CORR OFF 7 G LAW ENF @7 7 G	
CJK0092	CRITICAL INCIDENTS Critical Incidents	9-12,30,31 /Y	VO	CORR OFF 7 G LAW ENF @7 7 G	
^a P43015B	^a COMB CJSTC (Cont.) Combined CJSTC Corrections and Law Enforcement Basic Dual Cert (Cont.)	30,31 /			
CJK0087	TRAFFIC STOPS Traffic Stops	9-12,30,31 /Y	VO	CORR OFF 7 G LAW ENF @7 7 G	
CJK0084	DUI TRAFFIC STOPS DUI Traffic Stops	9-12,30,31 /Y	VO	CORR OFF 7 G LAW ENF @7 7 G	
CJK0088	TRAF CRASH INVEST Traffic Crash Investigations	9-12,30,31 /Y	VO	CORR OFF 7 G LAW ENF @7 7 G	
CJK0393	CROSSOVER PROG UPDAT Crossover Program Updates	9-12,30,31 /Y	VO	CORR OFF 7 G LAW ENF @7 7 G	
CJK0020	CMS LAW ENF VEH OPS CMS Law Enforcement Vehicle Operations	9-12,30,31 /Y	VO	CORR OFF 7 G LAW ENF @7 7 G	
CJK0422	DART FIRING STUN GUN Dart Firing Stun Gun	9-12,30,31 /Y	VO	CORR OFF 7 G LAW ENF @7 7 G	
CJK0295	CO TO LE OFF WELLNES Correctional Crossover to Law Enforcement Officer Wellness	9-12,30,31 /Y	VO	CORR OFF 7 G LAW ENF @7 7 G	
CJK0392	CROSSOVER HANDGUN Crossover Handgun Transition Course	9-12,30,31 /Y	VO	CORR OFF 7 G LAW ENF @7 7 G	

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
P430102	CORRECTIONAL OFFICER Correctional Officer (Traditional Correctional BRTP)	30,31 /			
CJK0300	INTRO TO CORRECTIONS Introduction to Corrections	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0305	COMMUNICATIONS Communications	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0310	OFFICER SAFETY Officer Safety	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0315	FACILITY & EQUIP Facility and Equipment	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0320	INTAKE & RELEASE Intake and Release	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0325	SPRV CORR FACILITY Supervising in a Correctional Facility	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0330	SPRV SP POPULATIONS Supervising Special Populations	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0335	RESP INCIDENT & EMER Responding to Incidents and Emergencies	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0031	CMS FIRST AIDE/CJO CMS First Aide for Criminal Justice Officer	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0040	CMS CRIM JUST FIREAR CMS Criminal Justice Firearms	9-12,30,31 /Y	VO	0.5	CORR OFF 7 G LAW ENF @7 7 G
CJK0051	CMS CRIM JUST DEF TA CMS Criminal Justice Defensive Tactics	9-12,30,31 /Y	VO	0.5	CORR OFF 7 G LAW ENF @7 7 G
CJK0340	OFF WELLNESS & PA Officer Wellness and Physical Abilities	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
P430123	CORR PROBATION OFR Correctional Probation Officer	30,31 /			
CJK0260	INTRO TO CORR PROBAT Introduction to Correctional Probation	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
CJK0264	LEGAL FOUNDATIONS CP Legal Foundations for Correctional Probation Officers	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0265	COMMUNICATIONS Communications	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0266	INTAKE & ORIENTATION Intake and Orientation	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0267	CASELOAD MGMT CP Caseload Management for Correctional Probation	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0268	SPVR OF OFFENDERS Supervision of Offenders	9-12,30,31 /Y	VO	0.5	CORR OFF 7 G LAW ENF @7 7 G
CJK0269	FIELD SUPERVISION Field Supervision	9-12,30,31 /Y	VO	0.5	CORR OFF 7 G LAW ENF @7 7 G
CJK0031	CMS FIRST AIDE/CJO CMS First Aide for Criminal Justice Officer	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0051	CMS CRIM JUST DEF TA CMS Criminal Justice Defensive Tactics	9-12,30,31 /Y	VO	0.5	CORR OFF 7 G LAW ENF @7 7 G
CJK0281	CRIM JUST OFF PHYS Criminal Justice Officer Physical Fitness Training	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
P430132	CROSSOVER CO TO CPO Crossover from Correctional Officer to Correctional Probation Officer	30,31 /			
CJK0260	INTRO TO CORR PROBAT Introduction to Correctional Probation	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0264	LEGAL FOUNDATIONS CP Legal Foundations for Correctional Probation Officers	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0266	INTAKE & ORIENTATION Intake and Orientation	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0267	CASELOAD MGMT CP Caseload Management for Correctional Probation	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0268	SPVR OF OFFENDERS Supervision of Offenders	9-12,30,31 /Y	VO	0.5	CORR OFF 7 G LAW ENF @7 7 G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	COURSES MEETING		
					CERTIFICATION		
CJK0269	FIELD SUPERVISION Field Supervision	9-12,30,31 /Y	VO	0.5	CORR OFF 7 G LAW ENF @7 7 G		
CJK0393	CROSSOVER PROG UPDAT Crossover Program Updates	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
P430125	CROSSOVER CO TO LEO Crossover from Correctional Officer to Law Enforcement Officer	30,31 /					
CJK0001	INTRO TO LAW ENFORCE Introduction to Law Enforcement	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0012	LEGAL Legal	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0013	DIVERSE COMMUNITY Interactions in a Diverse Community	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0014	INTERVIEW & REPORT Interviewing and Report Writing	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0064	FUNDS OF PATROL Fundamentals of Patrol	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0065	CALLS FOR SERVICE Calls for Service	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0077	CRIMINAL INVEST Criminal Investigations	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0078	CRIME SCENE/COURTRM Crime Scene to Courtroom	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0092	CRITICAL INCIDENTS Critical Incidents	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0087	TRAFFIC STOPS Traffic Stops	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0084	DUI TRAFFIC STOPS DUI Traffic Stops	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0088	TRAF CRASH INVEST Traffic Crash Investigations	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0393	CROSSOVER PROG UPDAT Crossover Program Updates	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0020	CMS LAW ENF VEH OPS CMS Law Enforcement Vehicle Operations	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
CJK0422	DART FIRING STUN GUN Dart Firing Stun Gun	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
P430152	CROSSOVER LEO TO CO Crossover from Law Enforcement Officer to Correctional Officer	30,31 /			
CJK0300	INTRO TO CORRECTIONS Introduction to Corrections	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0305	COMMUNICATIONS Communications	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0310	OFFICER SAFETY Officer Safety	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0315	FACILITY & EQUIP Facility and Equipment	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0320	INTAKE & RELEASE Intake and Release	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0325	SPRV CORR FACILITY Supervising in a Correctional Facility	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0330	SPRV SP POPULATIONS Supervising Special Populations	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0335	RESP INCIDENT & EMER Responding to Incidents and Emergencies	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0393	CROSSOVER PROG UPDAT Crossover Program Updates	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
□P430225	FBRTTP:LAW ENF SP OPS FL Basic Recruits Training Program: Law Enforcement Basic Training for Special Operations Forces Recruits	30,31 /			
CJK0001	INTRO TO LAW ENFORCE Introduction to Law Enforcement	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0012	LEGAL Legal	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0013	DIVERSE COMMUNITY Interactions in a Diverse Community	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0014	INTERVIEW & REPORT Interviewing and Report Writing	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
CJK0065	CALLS FOR SERVICE Calls for Service	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0077	CRIMINAL INVEST Criminal Investigations	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0078	CRIME SCENE/COURTRM Crime Scene to Courtrooms	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0087	TRAFFIC STOPS Traffic Stops	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0084	DUI TRAFFIC STOPS DUI Traffic Stops	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0088	TRAF CRASH INVEST Traffic Crash Investigations	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0020	CMS LAW ENF VEH OPS CMS Law Enforcement Vehicle Operations	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0031	CMS FIRST AIDE/CJO CMS First Aide for Criminal Justice Officer	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
▣CJK0041	CMS CJ FIREARMS PROF CMS Criminal Justice Firearms	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
▣CJK0052	CMS CJ DEFENSIVE TAC CMS Criminal Justice Defensive Tactics Proficiency	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0422	DART FIRING STUN GUN Dart Firing Stun Gun	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0064	FUNDS OF PATROL Fundamentals of Patrol	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
▣P430232	FLBRT:CORR PRO SPOPS FL Basic Recruits Training Program: Correctional Probation Basic Recruit Training for Special Operations	30,31 /			
CJK0260	INTRO TO CORR PROBAT Introduction to Correctional Probation	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G
CJK0264	LEGAL FOUNDATIONS CP Legal Foundations for Correctional Probation Officers	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION		
CJK0265	COMMUNICATIONS Communications	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0266	INTAKE & ORIENTATION Intake and Orientation	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0267	CASELOAD MGMT CP Caseload Management for Correctional Probation	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0268	SPVR OF OFFENDERS Supervision of Offenders	9-12,30,31 /Y	VO	0.5	CORR OFF 7 G LAW ENF @7 7 G		
CJK0269	FIELD SUPERVISION Field Supervision	9-12,30,31 /Y	VO	0.5	CORR OFF 7 G LAW ENF @7 7 G		
▣CJK0032	CMS FIRST AID PROF CMS First Aid for Criminal Justice Officers Proficiency	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
▣CJK0052	CMS CJ DEFENSIVE TAC CMS Criminal Justice Defensive Tactics Proficiency	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0422	DART FIRING STUN GUN Dart Firing Stun Gun	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0064	FUNDS OF PATROL Fundamentals of Patrol	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
▣P430255	FBRTCP:CORR BASIC SP FL Basic Recruit Training Program: Corrections Basic Recruit Training for Special Operations Recruits	30,31 /					
CJK0300	INTRO TO CORRECTIONS Introduction to Corrections	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0305	COMMUNICATIONS Communications	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0310	OFFICER SAFETY Officer Safety	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0315	FACILITY & EQUIP Facility and Equipment	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0320	INTAKE & RELEASE Intake and Release	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		

SECTION 5

CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	COURSES MEETING		
					CERTIFICATION		
CJK0325	SPRV CORR FACILITY Supervising in a Correctional Facility	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0330	SPRV SP POPULATIONS Supervising Special Populations	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0335	RESP INCIDENT & EMER Responding to Incidents and Emergencies	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
▫CJK0032	CMS FIRST AID PROF CMS First Aid for Criminal Justice Officers Proficiency	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
▫CJK0041	CMS CJ FIREARMS PROF CMS Criminal Justice Firearms	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
▫CJK0052	CMS CJ DEFENSIVE TAC CMS Criminal Justice Defensive Tactics Proficiency	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
EMERGENCY & FIRE MANAGEMENT SERVICES CAREER PATH (LWPB)							

^a P430205	^a FIRE FIGHTER Fire Fighter	30,31 /					
FFP0010	FIRE FIGHTER I Fire Fighter I	9-12,30,31 /Y	VO	1.0	FIRE FIGHT7 G		
FFP0020	FIRE FIGHTER II Fire Fighter II	9-12,30,31 /Y	VO	1.0	FIRE FIGHT7 G		
^a FFP0360	FIRE APPARATUS OP Fire Apparatus Operator	9-12,30,31 /S	VO	0.5	FIRE FIGH@7 7 G		
^a FFP0363	EVOC Emergency Vehicle Operator Course (EVOC)	9-12,30,31 /Y	VO		FIRE FIGH@7 7 G		
^a FFP0142	MED FIRST RESPONDER Medical First Responder	9-12,30,31 /Y	VO		FIRE FIGH@7 7 G		
P430210	FIRE FIGHTER I/II Fire Fighter I/II	30,31 /					
FFP0010	FIRE FIGHTER I Fire Fighter I	9-12,30,31 /Y	VO	1.0	FIRE FIGHT7 G		
FFP0020	FIRE FIGHTER II Fire Fighter II	9-12,30,31 /Y	VO	1.0	FIRE FIGHT7 G		

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
^a P430215	FIREFIGHTER/EMT COMB Fire Fighter/Emergency Medical Technician-Combined	30,31 /			
FFP0010	FIRE FIGHTER I Fire Fighter I	9-12,30,31 /Y	VO	1.0	FIRE FIGHT7 G
FFP0020	FIRE FIGHTER II Fire Fighter II	9-12,30,31 /Y	VO	1.0	FIRE FIGHT7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	9-12,30,31 /Y	VO	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
^a EMS0159	EMER MEDICAL TECH Emergency Medical Technician	9-12,30,31 /Y	VO	1.0	
P430216	FIREFIGHTER/EMT COMB Fire Fighter/Emergency Medical Technician-Combined (NEW)	30,31 /			
FFP0010	FIRE FIGHTER I Fire Fighter I	9-12,30,31 /Y	VO	1.0	FIRE FIGHT7 G
FFP0020	FIRE FIGHTER II Fire Fighter II	9-12,30,31 /Y	VO	1.0	FIRE FIGHT7 G
EMS0110	EMER MEDICAL TECH Emergency Medical Technician (EMT)	9-12,30,31 /Y	VO	2.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
^a P430204	FIRESAFETY INSPECT Firesafety Inspector	30,31 /			
^a FFP0560	FIRESAFETY INSPECT I Firesafety Inspector I	9-12,30,31 /Y	VO	1.0	FIRE FIGH@7 7 G
^a FFP0562	FIRESAFETY INSPEC II Firesafety Inspector II	9-12,30,31 /Y	VO	1.0	FIRE FIGH@7 7 G
8918200	INTRO TO FIRE FIGHT Introduction to Fire Fighting	10-12,30,31/			
8918210	FIREFIGHTING 1 Firefighting 1/Level 2	10-12,30,31/	VO	1.0	FIRE FIGHT7 G
8918220	FIREFIGHTING 2 Firefighting 2/Level 2	10-12,30,31/	VO	1.0	FIRE FIGHT7 G
8918230	FIREFIGHTING 3 Firefighting 3/Level 3	10-12,30,31/	VO	1.0	FIRE FIGHT7 G
P439991	POLICE SERVICE AIDE Police Service Aide	30,31 /			
CJK0110	PARK ENFORCE SPEC Park Enforcement Specialist	9-12,30,31 /Y	VO		LAW ENF @7 7 G PUB SERV 7 G
CJK0112	TRAF ACCIDENT INVEST Traffic Accident Investigator	9-12,30,31 /Y	VO	0.5	LAW ENF @7 7 G PUB SERV 7 G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION				
CJK0114	POLICE SERVICE AIDE Police Service Aide	9-12,30,31 /Y	VO	0.5	LAW ENF @7 7 G PUB SERV 7 G				
9101000	PUBLIC SAFETY TELE Public Safety Telecommunication	11-12,30,31/Y							
9101100	DISP: POL,FIRE, AMB Dispatcher: Police, Fire, Ambulance, Level 2	12 /Y	VO	1.5	CORR OFF 7 G FIRE FIGHT7 G LAW ENF @7 7 G PUB SAF TE7 G PUB SERV 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE				
P090101	PUBLIC SAFETY TELE Public Safety Telecommunication	30,31 /							
EMS0002	DISP: POL,FIRE, AMB Dispatcher: Police, Fire, Ambulance	9-12,30,31 /Y	VO	1.5	CORR OFF 7 G FIRE FIGHT7 G LAW ENF @7 7 G PUB SAF TE7 G PUB SERV 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE				
^a P430203	^a PUMP OPERATOR Pump Operator	30,31 /							
^a FFP0360	FIRE APPARATUS OP Fire Apparatus Operator	9-12,30,31 /S	VO	0.5	FIRE FIGH@7 7 G				
----- SECURITY & PROTECTIVE SERVICES CAREER PATH (LWPC) -----									
P430208	PRIV INVEST INTERN Private Investigator Intern	30,31 /							
SCY0051	PRIV INVEST INTERN 1 Private Investigator Intern 1	9-12,30,31 /Y	VO		LAW ENF @7 7 G PUB SERV 7 G				
SCY0052	PRIV INVEST INTERN 2 Private Investigator Intern 2	9-12,30,31 /Y	VO		LAW ENF @7 7 G PUB SERV 7 G				
P430109	PRIVATE SECURITY OFR Private Security Officer	30,31 /			LAW ENF @7 7 G	PUB SERV 7 G			
CJK0132	PRIVATE SEC OFF Private Security Officer	9-12,30,31 /Y	VO		LAW ENF @7 7 G PUB SERV 7 G				
CJK0134	ARMED PRIV SEC OFF Armed Private Security Officer	9-12,30,31 /Y	VO		LAW ENF @7 7 G PUB SERV 7 G				
8918031	PRIVATE SECURITY OFR Private Security Officer/Level 3	12,30,31 /Y	VO	1.0	LAW ENF @7 7 G	PUB SERV 7 G			

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT	CERTIFICATION		
			GRADUATION REQUIREMENTS					
LAW ENFORCEMENT SERVICES CAREER PATH (LWPD)								
P430116	AUX LAW ENF OFFICER Auxiliary Law Enforcement Officer	30,31	/					
CJK0023	INTRO TO LAW ENFORCE Introduction to Law Enforcement	9-12,30,31	/Y	VO		LAW ENF	@7	7 G
CJK0024	LEGAL CONCEPTS Legal Concepts	9-12,30,31	/Y	VO		LAW ENF	@7	7 G
CJK0025	PATROL/PROF COMM Patrol and Professional Communication	9-12,30,31	/Y	VO		LAW ENF	@7	7 G
CJK0026	DIVERSE COMMUNITY Interactions in a Diverse Community	9-12,30,31	/Y	VO		LAW ENF	@7	7 G
CJK0027	SERVICE/ARREST PRO Calls for Service and Arrest Procedures	9-12,30,31	/Y	VO		LAW ENF	@7	7 G
CJK0028	TRAFFIC STOPS/CRASH Traffic Stops and Crash Investigations	9-12,30,31	/Y	VO		LAW ENF	@7	7 G
CJK0029	CRIME SCENE/COURT Crime Scene and Courtroom Procedures	9-12,30,31	/Y	VO		LAW ENF	@7	7 G
CJK0422	DART FIRING STUN GUN Dart Firing Stun Gun	9-12,30,31	/Y	VO		CORR OFF LAW ENF	7 @7	G 7 G
CJK0031	CMS FIRST AIDE/CJO CMS First Aide for Criminal Justice Officer	9-12,30,31	/Y	VO		CORR OFF LAW ENF	7 @7	G 7 G
CJK0040	CMS CRIM JUST FIREAR CMS Criminal Justice Firearms	9-12,30,31	/Y	VO	0.5	CORR OFF LAW ENF	7 @7	G 7 G
CJK0051	CMS CRIM JUST DEF TA CMS Criminal Justice Defensive Tactics	9-12,30,31	/Y	VO	0.5	CORR OFF LAW ENF	7 @7	G 7 G
CJK0020	CMS LAW ENF VEH OPS CMS Law Enforcement Vehicle Operations	9-12,30,31	/Y	VO		CORR OFF LAW ENF	7 @7	G 7 G
^a P430115	^a AUX LAW ENF OFR Auxiliary Law Enforcement Officer	30,31	/					
^a CJK0240	LE AUX INTRO Law Enforcement Auxiliary Introduction	9-12,30,31	/Y	VO		LAW ENF	@7	7 G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	COURSES MEETING			CERTIFICATION
^a CJK0241	LE AUX PAT & TRAFFIC Law Enforcement Auxiliary Patrol and Traffic	9-12,30,31 /Y	VO		LAW ENF	@7	7	G
^a CJK0242	LE AUX INVESTIGATION Law Enforcement Auxiliary Investigations	9-12,30,31 /Y	VO		LAW ENF	@7	7	G
CJK0422	DART FIRING STUN GUN Dart Firing Stun Gun	9-12,30,31 /Y	VO		CORR OFF LAW ENF	7 @7	G 7	G
CJK0031	CMS FIRST AIDE/CJO CMS First Aide for Criminal Justice Officer	9-12,30,31 /Y	VO		CORR OFF LAW ENF	7 @7	G 7	G
CJK0040	CMS CRIM JUST FIREAR CMS Criminal Justice Firearms	9-12,30,31 /Y	VO	0.5	CORR OFF LAW ENF	7 @7	G 7	G
CJK0051	CMS CRIM JUST DEF TA CMS Criminal Justice Defensive Tactics	9-12,30,31 /Y	VO	0.5	CORR OFF LAW ENF	7 @7	G 7	G
CJK0020	CMS LAW ENF VEH OPS CMS Law Enforcement Vehicle Operations	9-12,30,31 /Y	VO		CORR OFF LAW ENF	7 @7	G 7	G
8918000	CRIMINAL JUSTICE OPS Criminal Justice Operations	9-12,30,31 /						
8918010	CRIMINAL JUST OPS 1 Criminal Justice Operations 1/Level 2	9-12,30,31 /Y	VO	1.0	CORR OFF LAW ENF PUB SERV	7 @7 7	G 7 G	G
8918020	CRIMINAL JUST OPS 2 Criminal Justice Operations 2/Level 2	9-12,30,31 /Y	VO	1.0	CORR OFF LAW ENF PUB SERV	7 @7 7	G 7 G	G
8918030	CRIMINAL JUST OPS 3 Criminal Justice Operations 3/Level 3	9-12,30,31 /Y	VO	1.0	CORR OFF LAW ENF PUB SERV	7 @7 7	G 7 G	G
8918040	CRIMINAL JUST OPS 4 Criminal Justice Operations 4/Level 3	9-12,30,31 /Y	VO	1.0	CORR OFF LAW ENF PUB SERV	7 @7 7	G 7 G	G
^a P430199	^a CRIMINAL JUSTICE OPS Criminal Justice Operations	30,31 /						
^a CJK0120	POL SERVICE AIDE-CJO Police Service Aide- Criminal Justice Operations	9-12,30,31 /Y	VO	3.0	CORR OFF LAW ENF PUB SERV	7 @7 7	G 7 G	G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT	SUBJECT AREA			CERTIFICATION
			GRADUATION REQUIREMENTS						
P430142	CROSSOVER CPO TO CMS Crossover Correctional Probation Officer to CMS Correctional BRTP	30,31	/						
CJK0300	INTRO TO CORRECTIONS Introduction to Corrections	9-12,30,31	/Y	VO		CORR OFF LAW ENF	7 @7	G 7	G
CJK0310	OFFICER SAFETY Officer Safety	9-12,30,31	/Y	VO		CORR OFF LAW ENF	7 @7	G 7	G
CJK0315	FACILITY & EQUIP Facility and Equipment	9-12,30,31	/Y	VO		CORR OFF LAW ENF	7 @7	G 7	G
CJK0320	INTAKE & RELEASE Intake and Release	9-12,30,31	/Y	VO		CORR OFF LAW ENF	7 @7	G 7	G
CJK0325	SPRV CORR FACILITY Supervising in a Correctional Facility	9-12,30,31	/Y	VO		CORR OFF LAW ENF	7 @7	G 7	G
CJK0330	SPRV SP POPULATIONS Supervising Special Populations	9-12,30,31	/Y	VO		CORR OFF LAW ENF	7 @7	G 7	G
CJK0335	RESP INCIDENT & EMER Responding to Incidents and Emergencies	9-12,30,31	/Y	VO		CORR OFF LAW ENF	7 @7	G 7	G
CJK0040	CMS CRIM JUST FIREAR CMS Criminal Justice Firearms	9-12,30,31	/Y	VO	0.5	CORR OFF LAW ENF	7 @7	G 7	G
CJK0393	CROSSOVER PROG UPDAT Crossover Program Updates	9-12,30,31	/Y	VO		CORR OFF LAW ENF	7 @7	G 7	G
P430107	CROSSOVER CPO TO LEO Crossover Correctional Probation Officer to Law Enforcement Officer	30,31	/						
CJK0012	LEGAL Legal	9-12,30,31	/Y	VO		CORR OFF LAW ENF	7 @7	G 7	G
CJK0013	DIVERSE COMMUNITY Interactions in a Diverse Community	9-12,30,31	/Y	VO		CORR OFF LAW ENF	7 @7	G 7	G
CJK0064	FUNDS OF PATROL Fundamentals of Patrol	9-12,30,31	/Y	VO		CORR OFF LAW ENF	7 @7	G 7	G
CJK0065	CALLS FOR SERVICE Calls for Service	9-12,30,31	/Y	VO		CORR OFF LAW ENF	7 @7	G 7	G
CJK0077	CRIMINAL INVEST Criminal Investigations	9-12,30,31	/Y	VO		CORR OFF LAW ENF	7 @7	G 7	G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	COURSES MEETING		
					CERTIFICATION		
CJK0078	CRIME SCENE/COURTRM Crime Scene to Courtroom	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0092	CRITICAL INCIDENTS Critical Incidents	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0087	TRAFFIC STOPS Traffic Stops	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0084	DUI TRAFFIC STOPS DUI Traffic Stops	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0088	TRAF CRASH INVEST Traffic Crash Investigations	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0393	CROSSOVER PROG UPDAT Crossover Program Updates	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0020	CMS LAW ENF VEH OPS CMS Law Enforcement Vehicle Operations	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0040	CMS CRIM JUST FIREAR CMS Criminal Justice Firearms	9-12,30,31 /Y	VO	0.5	CORR OFF 7 G LAW ENF @7 7 G		
CJK0422	DART FIRING STUN GUN Dart Firing Stun Gun	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
P430105	FL LAW ENFORCE ACAD Florida Law Enforcement Academy	30,31 /					
CJK0001	INTRO TO LAW ENFORCE Introduction to Law Enforcement	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0012	LEGAL Legal	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0013	DIVERSE COMMUNITY Interactions in a Diverse Community	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0014	INTERVIEW & REPORT Interviewing and Report Writing	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0064	FUNDS OF PATROL Fundamentals of Patrol	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0065	CALLS FOR SERVICE Calls for Service	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		
CJK0077	CRIMINAL INVEST Criminal Investigations	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G		

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION				
CJK0078	CRIME SCENE/COURTRM Crime Scene to Courtroom	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G				
CJK0092	CRITICAL INCIDENTS Critical Incidents	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G				
CJK0087	TRAFFIC STOPS Traffic Stops	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G				
CJK0084	DUI TRAFFIC STOPS DUI Traffic Stops	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G				
CJK0088	TRAF CRASH INVEST Traffic Crash Investigations	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G				
CJK0020	CMS LAW ENF VEH OPS CMS Law Enforcement Vehicle Operations	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G				
CJK0031	CMS FIRST AIDE/CJO CMS First Aide for Criminal Justice Officer	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G				
CJK0040	CMS CRIM JUST FIREAR CMS Criminal Justice Firearms	9-12,30,31 /Y	VO	0.5	CORR OFF 7 G LAW ENF @7 7 G				
CJK0051	CMS CRIM JUST DEF TA CMS Criminal Justice Defensive Tactics	9-12,30,31 /Y	VO	0.5	CORR OFF 7 G LAW ENF @7 7 G				
CJK0422	DART FIRING STUN GUN Dart Firing Stun Gun	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G				
CJK0096	CJ OFF PHYS FIT TRA Criminal Justice Officer Physical Fitness Training/Law Enforcement	9-12,30,31 /Y	VO		CORR OFF 7 G LAW ENF @7 7 G				
----- LEGAL SERVICES CAREER PATH (LWPE) -----									
P430135	BAIL BOND AGENT Bail Bond Agent	30,31 /							
SCY0050	BAIL BOND AGENT Bail Bond Agent	9-12,30,31 /S	VO	0.5	LAW ENF @7 7 G				
8900220	EXPLOR OF CJ OCCS Exploration of Criminal Justice Occupations	6-8 /S			ANY PUB SERV OCC ED G CORR OFF 7 G	LAW ENF @7 7 G			

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT	CERTIFICATION
			GRADUATION REQUIREMENTS			
GENERAL PROGRAMS						
9160350	INTRO LAW & PS Introduction to Law, Public Safety and Security	6-8	/S		ANY PUB SERV CORR OFF	OCC ED G 7 G LAW ENF @7 7 G
9160360	INTRO LAW & PS & CP Introduction to Law, Public Safety and Security and Career Planning	6-8	/S		ANY PUB SERV CORR OFF	OCC ED G 7 G LAW ENF @7 7 G
8900410	LAW, PS & SEC OJT Law, Public Safety and Security Cooperative Education - OJT	9-12,30,31	/M	MULTIPLE	ANY PUB SERV CORR OFF	OCC ED G 7 G LAW ENF @7 7 G
8900100	LAW, PS & SECU DS Law, Public Safety and Security Dir Directed Study	1112,30,31	/M	VO MULTIPLE	ANY PUB SERV CORR OFF	OCC ED G 7 G LAW ENF @7 7 G
8999990	PUB SERV ED TRAN Public Service Education Transfer	9-12,30,31	/		NA	
P000000	PUB SERV ED TRAN Public Service Education Transfer	30,31	/		NA	
APPRENTICESHIP PROGRAMS						
P43020R	FIRE FIGHT - APPR Fire Fighter - Apprenticeship	30,31	/			
P43021R	FIRE/EMT COMB-APPR Fire Fighter/Emergency Medical Technician-Combined - Apprenticeship	30,31	/			

|MANUFACTURING CAREER CLUSTER|

MANUFACTURING PRODUCTION PROCESS CAREER PATH (MNPA)

J100200	ADV MFG & PROD TECH Advanced Manufacturing and Production Technology	9-12,30,31 /			
ETI0400	ENTRY-LEVEL PROD WKR Entry-Level Production Worker	9-12,30,31 /Y	VO	1.0	AUTO PROD 7 G ELECTRONI@7 7 G ENG 7 G ENG&TEC ED1 @2
ETI0431	PROD QUALITY/ASSUR Production Quality and Assurance	9-12,30,31 /Y	VO	1.0	AUTO PROD 7 G ELECTRONI@7 7 G ENG 7 G ENG&TEC ED1 @2

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
ETI0432	MFG & PROD PROCESSES Manufacturing and Production Processes	9-12,30,31 /Y	VO	1.0	AUTO PROD 7 G ELECTRONI@7 7 G ENG 7 G ENG&TEC ED1 @2
ETI0453	MFG & PROD MAINT Manufacturing and Production Maintenance	9-12,30,31 /Y	VO	1.0	AUTO PROD 7 G ELECTRONI@7 7 G ENG 7 G ENG&TEC ED1 @2
9200200	ADV MFG TECH Advanced Manufacturing Technology	9-12,30,31 /			
9200210	ADV MFG TECH 1 Advanced Manufacturing Technology 1 /Level 2	9-12,30,31 /Y	VO	1.0	AUTO PROD 7 G ELECTRONI@7 7 G ENG 7 G ENG&TEC ED1 @2
9200220	ADV MFG TECH 2 Advanced Manufacturing Technology 2 /Level 3	9-12,30,31 /Y	VO	1.0	AUTO PROD 7 G ELECTRONI@7 7 G ENG 7 G ENG&TEC ED1 @2
9200230	ADV MFG TECH 3 Advanced Manufacturing Technology 3 /Level 3	9-12,30,31 /Y	VO	1.0	AUTO PROD 7 G ELECTRONI@7 7 G ENG 7 G ENG&TEC ED1 @2
9200240	ADV MFG TECH 4 Advanced Manufacturing Technology 4 /Level 3	9-12,30,31 /Y	VO	1.0	AUTO PROD 7 G ELECTRONI@7 7 G ENG 7 G ENG&TEC ED1 @2
9200250	ADV MFG TECH CAP Advanced Manufacturing Technology Capstone/Level 3	9-12,30,31 /Y	VO	1.0	AUTO PROD 7 G ELECTRONI@7 7 G ENG 7 G ENG&TEC ED1 @2
^a 9200100	^a AUTO & PROD TECH Automation and Production Technology	9-12,30,31 /			
^a 9200110	^a AUTO & PROD TECH 1 Automation and Production Technology 1/Level 3	9-12,30,31 /Y	VO	1.0	AUTO PROD 7 G ELECTRONI@7 7 G ENG 7 G ENG&TEC ED1 @2
^a 9200120	^a AUTO & PROD TECH 2 Automation and Production Technology 2/Level 3	9-12,30,31 /Y	VO	1.0	AUTO PROD 7 G ELECTRONI@7 7 G ENG 7 G ENG&TEC ED1 @2

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
^a 9200130	AUTO & PROD TECH 3 Automation and Production Technology 3, Level 3	9-12,30,31 /Y	VO	1.0	AUTO PROD 7 G ELECTRONI@7 7 G ENG 7 G ENG&TEC ED1 @2
^a 9200140	AUTO & PROD TECH 4 Automation and Production Technology 4, Level 3	9-12,30,31 /Y	VO	1.0	AUTO PROD 7 G ELECTRONI@7 7 G ENG 7 G ENG&TEC ED1 @2
^a J100100	^a AUTO & PROD TECH Automation and Production Technology	30,31 /			
^a ETI0481	PRODUCTION WORKER Production Worker	9-12,30,31 /Y	VO	1.0	AUTO PROD 7 G ELECTRONI@7 7 G ENG 7 G ENG&TEC ED1 @2
^a ETI0482	ASSEMBLER Assembler	9-12,30,31 /Y	VO	1.0	AUTO PROD 7 G ELECTRONIC7 7 G ENG 7 G ENG&TEC ED1 @2
^a ETI0484	PROCESS ASSISTANT Process Assistant	9-12,30,31 /Y	VO	1.0	AUTO PROD 7 G ELECTRONI@7 7 G ENG 7 G ENG&TEC ED1 @2
^a ETI0485	AUTO & PROD TECH Automation and Production Technician	9-12,30,31 /Y	VO	1.0	AUTO PROD 7 G ELECTRONI@7 7 G ENG 7 G ENG&TEC ED1 @2
I150404	ELEC & INST TECH Electrical and Instrumentation Technology	30,31 /			
EEV0650	ELECTRICIAN (CONST) Electrician (Construction)	9-12,30,31 /Y	VO	2.0	ELECTRONI@7 7 G TEC ELEC @7 7 G
EEV0652	INSTRUMENT MECH Instrument Mechanic	9-12,30,31 /Y	VO	2.0	ELECTRONI@7 7 G TEC ELEC @7 7 G
EEV0654	ELECTRICIAN MAINT Electrician Maintenance	9-12,30,31 /Y	VO	2.0	ELECTRONI@7 7 G TEC ELEC @7 7 G
EEV0656	INSTRUMENT TECH Instrument Technician	9-12,30,31 /Y	VO	2.5	ELECTRONI@7 7 G TEC ELEC @7 7 G
EEV0658	OP ENGR ASST STAT Operating Engineer Assistant Stationary	9-12,30,31 /Y	VO	2.5	ELECTRONI@7 7 G TEC ELEC @7 7 G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT	SUBJECT AREA			CERTIFICATION
			GRADUATION REQUIREMENTS						
J110100	ELEC & INST TECH 1 Electrical and Instrumentation Technology 1	30,31	/						
EEV0650	ELECTRICIAN (CONST) Electrician (Construction)	9-12,30,31	/Y	VO	2.0	ELECTRONI@7	7	G	
						TEC ELEC @7	7	G	
EEV0652	INSTRUMENT MECH Instrument Mechanic	9-12,30,31	/Y	VO	2.0	ELECTRONI@7	7	G	
						TEC ELEC @7	7	G	
EEV0654	ELECTRICIAN MAINT Electrician Maintenance	9-12,30,31	/Y	VO	2.0	ELECTRONI@7	7	G	
						TEC ELEC @7	7	G	
J110200	ELEC & INST TECH 2 Electrical and Instrumentation Technology 2	30,31	/						
EEV0656	INSTRUMENT TECH Instrument Technician	9-12,30,31	/Y	VO	2.5	ELECTRONI@7	7	G	
						TEC ELEC @7	7	G	
EEV0658	OP ENGR ASST STAT Operating Engineer Assistant Stationary	9-12,30,31	/Y	VO	2.5	ELECTRONI@7	7	G	
						TEC ELEC @7	7	G	
^a 8743000	^a ENGINEERING ASSIST Engineering Assisting	9-12,30,31	/						
^a 8743010	^a ENGINEERING ASSIST 1 Engineering Assisting 1/Level 2	9-12,30,31	/Y	VO	1.0	ENG&TEC	ED1	@2	
^a 8743020	^a ENGINEERING ASSIST 2 Engineering Assisting 2/Level 2	9-12,30,31	/Y	VO	1.0	BLDG CONS	7	G	
						ELECTRONI@7	7	G	
						ENG	7	G	
						IND ENGR	7	G	
						MACH SHOP@7	7	G	
						MILLWRIGHT7	G		
						TEC CONST	7	G	
						WELDING @7	7	G	
						ENG&TEC	ED1	@2	
^a 8743030	^a ENGINEERING ASSIST 3 Engineering Assisting 3/Level 2	9-12,30,31	/Y	VO	1.0	BLDG CONS	7	G	
						ELECTRONI@7	7	G	
						ENG	7	G	
						IND ENGR	7	G	
						MACH SHOP@7	7	G	
						MILLWRIGHT7	G		
						TEC CONST	7	G	
						WELDING @7	7	G	
						ENG&TEC	ED1	@2	

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
^a 8743040	^a ENGINEERING ASSIST 4 Engineering Assisting 4/Level 2	9-12,30,31 /Y	VO	1.0	BLDG CONST 7 7 G ELECTRONI 7 7 G ENG 7 G IND ENGR 7 G MACH SHOP 7 7 G MILLWRIGHT 7 G TEC CONST 7 7 G WELDING 7 7 G ENG&TEC ED1 @2
^a 8743050	^a ENGINEERING ASSIST 5 Engineering Assisting 5/Level 2	9-12,30,31 /Y	VO	1.0	BLDG CONST 7 7 G ELECTRONI 7 7 G ENG 7 G IND ENGR 7 G MACH SHOP 7 7 G MILLWRIGHT 7 G TEC CONST 7 7 G WELDING 7 7 G ENG&TEC ED1 @2
^a 8743060	^a ENGINEERING ASSIST 6 Engineering Assisting 6/Level 2	9-12,30,31 /Y	VO	1.0	BLDG CONST 7 7 G ELECTRONI 7 7 G ENG 7 G IND ENGR 7 G MACH SHOP 7 7 G MILLWRIGHT 7 G TEC CONST 7 7 G WELDING 7 7 G ENG&TEC ED1 @2
I150603	INDUSTRIAL TECH Industrial Technology	30,31 /			
ETI0600	DRAFT ASST MACH Drafting Assistant Machining	9-12,30,31 /Y	VO	2.0	IND ENGR 7 G
ETI0601	COST CONTROL ASSIST Cost Control Assistant	9-12,30,31 /Y	VO	2.0	IND ENGR 7 G
ETI0602	INDUST TECH ASST 1 Industrial Technician Assistant 1	9-12,30,31 /Y	VO	1.5	IND ENGR 7 G
ETI0603	INDUST TECH ASST 2 Industrial Technician Assistant 2	9-12,30,31 /Y	VO	1.5	IND ENGR 7 G
ETI0604	INDUST ENGR TECH 1 Industrial Engineering Technician 1	9-12,30,31 /Y	VO	1.5	IND ENGR 7 G
ETI0605	INDUST ENGR TECH 2 Industrial Engineering Technician 2	9-12,30,31 /Y	VO	1.5	IND ENGR 7 G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION

PRODUCTION CAREER PATH (MNPB)

J200300	CNC PRODUCTION SPEC CNC Production Specialist	30, 31	/						
PMT0026	CNC PRODUCTION TEC I CNC Production Technician I	30, 31	/	VO	2.0	ENG 7 MACH SHOP@7 METAL WORK7	G 7 G 7 G 7		G
PMT0027	CNC PRODUCTION TECII CNC Production Technician II	30, 31	/	VO	2.0	ENG 7 MACH SHOP@7 METAL WORK7	G 7 G 7 G 7		G
^a 8754000	^a MACHINING Machining	9-12, 30, 31	/						
^a 8754010	^a MACHINING 1 Machining 1/Level 2	9-12, 30, 31	/Y	VO	1.0	MACH SHOP@7 METAL WORK7 TOOL DIE 7	G 7 G 7 G 7		G
^a 8754020	^a MACHINING 2 Machining 2/Level 2	9-12, 30, 31	/Y	VO	1.0	MACH SHOP@7 METAL WORK7 TOOL DIE 7	G 7 G 7 G 7		G
^a 8754030	^a MACHINING 3 Machining 3/Level 2	9-12, 30, 31	/Y	VO	1.0	MACH SHOP@7 METAL WORK7 TOOL DIE 7	G 7 G 7 G 7		G
^a 8754040	^a MACHINING 4 Machining 4/Level 3	9-12, 30, 31	/Y	VO	1.0	MACH SHOP@7 METAL WORK7 TOOL DIE 7	G 7 G 7 G 7		G
^a 8754050	^a MACHINING 5 Machining 5/Level 3	9-12, 30, 31	/Y	VO	1.0	MACH SHOP@7 METAL WORK7 TOOL DIE 7	G 7 G 7 G 7		G
^a 8754060	^a MACHINING 6 Machining 6/Level 3	9-12, 30, 31	/Y	VO	1.0	MACH SHOP@7 METAL WORK7 TOOL DIE 7	G 7 G 7 G 7		G
^a 8754070	^a MACHINING 7 Machining 7/Level 3	9-12, 30, 31	/Y	VO	1.0	MACH SHOP@7 METAL WORK7 TOOL DIE 7	G 7 G 7 G 7		G
^a 8754080	^a MACHINING 8 Machining 8/Level 3	9-12, 30, 31	/Y	VO	1.0	MACH SHOP@7 METAL WORK7 TOOL DIE 7	G 7 G 7 G 7		G
^a 8754090	^a MACHINING 9 Machining 9/Level 3	9-12, 30, 31	/Y	VO	1.0	MACH SHOP@7 METAL WORK7 TOOL DIE 7	G 7 G 7 G 7		G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	COURSES MEETING		
					CERTIFICATION		
^a 8754091	^a MACHINING 10 Machining 10/Level 3	9-12,30,31 /Y	VO	1.0	MACH SHOP@7 METAL WORK7 TOOL DIE 7	7 G G	G
^a I480503	^a MACHINING Machining	30,31 /					
PMT0020	MACHINIST HELPER Machinist Helper	9-12,30,31 /Y	PA	2.0	MACH SHOP@7 METAL WORK7 TOOL DIE %7	7 G G	G
^a PMT0021	MACHINE OPERATOR Machine Operator	9-12,30,31 /Y	VO	3.0	MACH SHOP@7 METAL WORK7 TOOL DIE %7	7 G %G	G
^a PMT0023	MACHINE SETUP OP Machine Setup Operator	9-12,30,31 /Y	VO	3.0	MACH SHOP@7 METAL WORK7 TOOL DIE %7	7 G %G	G
PMT0025	MACHINIST Machinist	9-12,30,31 /Y	VO	2.0	MACH SHOP@7 METAL WORK7 TOOL DIE %7	7 G G	G
J200100	MACHINING TECH Machining Technologies	30,31 /					
PMT0020	MACHINIST HELPER Machinist Helper	9-12,30,31 /Y	PA	2.0	MACH SHOP@7 METAL WORK7 TOOL DIE %7	7 G G	G
PMT0022	MACHINIST OPERATOR Machinist Operator	9-12,30,31 /Y	VO	2.0	MACH SHOP@7 METAL WORK7 TOOL DIE %7	7 G G	G
PMT0024	MACHINIST SETUP OP Machinist Setup Operator	9-12,30,31 /Y	VO	2.0	MACH SHOP@7 METAL WORK7 TOOL DIE %7	7 G G	G
PMT0025	MACHINIST Machinist	9-12,30,31 /Y	VO	2.0	MACH SHOP@7 METAL WORK7 TOOL DIE %7	7 G G	G
9202100	MACHINING TECHNOLOGY Machining Technology	9-12,30,31 /					
9202110	MACHINING TECH 1 Machining Technology 1/Level 3	9-12,30,31 /Y	VO	1.0	MACH SHOP@7 METAL WORK7 TOOL DIE %7	7 G G	G
9202120	MACHINING TECH 2 Machining Technology 2/Level 3	9-12,30,31 /Y	PA	1.0	MACH SHOP@7 METAL WORK7 TOOL DIE %7	7 G G	G

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
9202130	MACHINING TECH 3 Machining Technology 3/Level 3	9-12,30,31 /Y	VO	1.0	MACH SHOP@7 7 G METAL WORK7 G TOOL DIE %7 G
9202140	MACHINING TECH 4 Machining Technology 4/Level 3	9-12,30,31 /Y	VO	1.0	MACH SHOP@7 7 G METAL WORK7 G TOOL DIE %7 G
9202150	MACHINING TECH CAP Machining Technology Capstone/Level 3	9-12,30,31 /Y	PA	1.0	MACH SHOP@7 7 G METAL WORK7 G TOOL DIE %7 G
J200200	MECHATRONICS TECH Mechatronics Technology	30,31 /			
EEV0010	ELECTRONICS ASMBR Electronics Assembler	9-12,30,31 /Y	VO	2.0	AUTO PROD 7 G AVIONICS @7 7 G ELECTRONI@7 7 G ENG 7 G IND ENGR 7 G ROBOTICS 7 G TEC ELEC @7 7 G TV PRO TE@7 7 G RADIO TV %7 %G
EEV0100	ELECTRONICS TESTER Electronics Tester	9-12,30,31 /Y	VO	3.0	AUTO PROD 7 G AVIONICS @7 7 G ELECTRONI@7 7 G ENG 7 G IND ENGR 7 G ROBOTICS 7 G TEC ELEC @7 7 G TV PRO TE@7 T G RADIO TV %7 %G
EEV0752	ELECTROMECH ASSEM Electromechanical Assembler	9-12,30,31 /Y	VO	3.0	AUTO PROD 7 G AVIONICS @7 7 G ELECTRONI@7 7 G ENG 7 G IND ENGR 7 G ROBOTICS 7 G
EEV0753	MECHATRONIC TECH Mechatronic Technician	9-12,30,31 /Y	VO	2.5	AUTO PROD 7 G AVIONICS @7 7 G ELECTRONI@7 7 G ENG 7 G IND ENGR 7 G ROBOTICS 7 G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS		CREDIT	CERTIFICATION		
MAINTENANCE, INSTALLATION & REPAIR CAREER PATH (MNPC)								
J400100	BIOMED EQUIP RPR TEC Biomedical Equipment Repair Technology	9-12,30,31 /						
AVS0095	BASIC ELECT TROUBLE Basic Electronics Troubleshooter	30,31 /	VO	1.0	BIOMED EQ 7 ELECTRONI@7 MED EQ TEC7	G 7 G		G
EER0006	ELECT EQUIP REPAIR Electronics Equipment Repairer	30,31 /	VO	1.0	BIOMED EQ 7 ELECTRONI@7 MED EQ TEC7	G 7 G		G
EER0090	BIOMED ELECT TROUB 1 Biomedical Electronics Troubleshooter 1	30,31 /	VO	1.0	BIOMED EQ 7 ELECTRONI@7 MED EQ TEC7	G 7 G		G
EER0091	BIOMED ELECT TROUB 2 Biomedical Electronics Troubleshooter 2	30,31 /	VO	1.0	BIOMED EQ 7 ELECTRONI@7 MED EQ TEC7	G 7 G		G
EER0092	BIOMED IMAGE EQUIP 1 Biomedical Imaging Equipment 1	30,31 /	VO	1.5	BIOMED EQ 7 ELECTRONI@7 MED EQ TEC7	G 7 G		G
EER0093	BIOMED IMAGE EQ TECH Biomedical Imaging Equipment Technician	30,31 /	VO	1.5	BIOMED EQ 7 ELECTRONI@7 MED EQ TEC7	G 7 G		G
^a 9204100	^a BIOMED EQUIP TECH Biomedical Equipment Technology	9-12 /						
^a 9540310	^a ELECTRONICS FUND 1 Electronics Fundamentals 1/Level 3	9-12,30,31 /	VO	1.0	BIOMED EQ 7 ELECTRONI@7 MED EQ TEC7	G 7 G		G
9204110	ELECT EQUIP TROUBLE Electronics Equipment Troubleshooter /Level 3	9-12 /Y	VO	1.0	BIOMED EQ 7 ELECTRONI@7 MED EQ TEC7	G 7 G		G
9204120	MEDICAL ELECTRONIC 1 Medical Electronics 1/Level 3	9-12 /Y	VO	1.0	BIOMED EQ 7 ELECTRONI@7 MED EQ TEC7	G 7 G		G
9204130	BIOMED ELECTRON TECH Biomedical Electronics Technician/ Level 3	9-12 /Y	VO	1.0	BIOMED EQ 7 ELECTRONI@7 MED EQ TEC7	G 7 G		G
^a 8751300	^a BOAT&YCT RPR/REF TEC Boat and Yacht Repair/Refinishing Technology	9-12,30,31 /						

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	COURSES MEETING		
					CERTIFICATION		
^a 8751310	^a BOAT & YCT R/R TEC 1 Boat and Yacht Repair/Refinishing Technology 1/Level 2	9-12,30,31 /Y	VO	1.0	SEAMANSHIP7	G	
					CARPENTRY@7	7	G
^a 8751320	^a BOAT & YCT R/R TEC 2 Boat and Yacht Repair/Refinishing Technology 2/Level 2	9-12,30,31 /Y	VO	1.0	SEAMANSHIP7	G	
					CARPENTRY@7	7	G
^a 8751330	^a BOAT & YCT R/R TEC 3 Boat and Yacht Repair/Refinishing Technology 3/Level 2	9-12,30,31 /Y	VO	1.0	SEAMANSHIP7	G	
					CARPENTRY@7	7	G
^a 8751340	^a BOAT & YCT R/R TEC 4 Boat and Yacht Repair/Refinishing Technology 4/Level 2	9-12,30,31 /Y	VO	1.0	SEAMANSHIP7	G	
					CARPENTRY@7	7	G
^a 8751350	^a BOAT & YCT R/R TEC 5 Boat and Yacht Repair/Refinishing Technology 5/Level 2	9-12,30,31 /Y	VO	1.0	SEAMANSHIP7	G	
					CARPENTRY@7	7	G
^a 8751360	^a BOAT & YCT R/R TEC 6 Boat and Yacht Repair/Refinishing Technology 6/Level 2	9-12,30,31 /Y	VO	1.0	SEAMANSHIP7	G	
					CARPENTRY@7	7	G
^a 8751370	^a BOAT & YCT R/R TEC 7 Boat and Yacht Repair/Refinishing Technology 7/Level 2	9-12,30,31 /Y	VO	1.0	SEAMANSHIP7	G	
					CARPENTRY@7	7	G
^a 8751380	^a BOAT & YCT R/R TEC 7 Boat and Yacht Repair/Refinishing Technology 7/Level 2	9-12,30,31 /Y	VO	1.0	SEAMANSHIP7	G	
					CARPENTRY@7	7	G
^a 8751390	^a BOAT & YCT R/R TEC 9 Boat and Yacht Repair/Refinishing Technology 9/Level 2	9-12,30,31 /Y	VO	1.0	SEAMANSHIP7	G	
					CARPENTRY@7	7	G
J540300	ELECTRONIC SYSTEMS Electronic Systems Technician	9-12,30,31 /					
EEV0012	ELECTRONIC ASSEMBLER Electronic Assembler and DC Technician	9-12,30,31 /		1.0	AVIONICS @7	7	G
					ELECTRONI@7	7	G
					RADIO TV %7	%G	
					TEC ELEC @7	7	G
					TV PRO TE@7	7	G
EEV0820	ELECTRONIC DIGITAL Electronic Digital and Microprocessor Technician	9-12,30,31 /		1.0	AVIONICS @7	7	G
					ELECTRONI@7	7	G
					RADIO TV %7	%G	
					TEC ELEC @7	7	G
					TV PRO TE@7	7	G

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
EEV0130	ELECTRONIC AC TECH Electronic AC Technician	9-12,30,31 /		1.0	AVIONICS @7 7 G ELECTRONI@7 7 G RADIO TV %7 %G TEC ELEC @7 7 G TV PRO TE@7 7 G
EEV0824	ELEC SOLID-STATE Electronic Solid-State and Analog Technician	9-12,30,31 /		1.0	AVIONICS @7 7 G ELECTRONI@7 7 G RADIO TV %7 %G TEC ELEC @7 7 G TV PRO TE@7 7 G
EEV0825	ELEC SYSS/EQUIP TECH Electronic Systems and Equipment Technician	9-12,30,31 /		2.0	AVIONICS @7 7 G ELECTRONI@7 7 G RADIO TV %7 %G TEC ELEC @7 7 G TV PRO TE@7 7 G
9202300	ELECTRONIC SYSTEMS Electronic Systems Technology	9-12,30,31 /			
9202310	ELECTRONIC SYSTEMS 1 Electronic Systems Technology 1/ Level 3	9-12,30,31 /Y	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G RADIO TV %7 %G TEC ELEC @7 7 G TV PRO TE@7 7 G
9202320	ELECTRONIC SYSTEMS 2 Electronic Systems Technology 2/ Level 3	9-12,30,31 /Y	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G RADIO TV %7 %G TEC ELEC @7 7 G TV PRO TE@7 7 G
9202330	ELECTRONIC SYSTEMS 3 Electronic Systems Technology 3/ Level 3	9-12,30,31 /Y	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G RADIO TV %7 %G TEC ELEC @7 7 G TV PRO TE@7 7 G
9202340	ELECTRONIC SYSTEMS 4 Electronic Systems Technology 4/ Level 3	9-12,30,31 /Y	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G RADIO TV %7 %G TEC ELEC @7 7 G TV PRO TE@7 7 G
9202350	ELECTRONIC SYSTEMS 5 Electronic Systems Technology 5/ Level 3	9-12,30,31 /Y	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G RADIO TV %7 %G TEC ELEC @7 7 G TV PRO TE@7 7 G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
9202360	ELECTRONIC SYSTEMS 6 Electronic Systems Technology 6/ Level 3	9-12,30,31 /Y	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G RADIO TV %7 %G TEC ELEC @7 7 G TV PRO TE@7 7 G
^a 8730000	^a ELECTRONIC TECH Electronic Technology	9-12,30,31 /			
^a 8730010	^a ELECTRONIC 1 Electronic 1/Level 3	9-12,30,31 /Y	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G RADIO TV %7 %G TEC ELEC @7 7 G TV PRO TE@7 7 G
^a 8730020	^a ELECTRONIC 2 Electronic 2/Level 3	9-12,30,31 /Y	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G RADIO TV %7 %G TEC ELEC @7 7 G TV PRO TE@7 7 G
^a 8730030	^a ELECTRONIC 3 Electronic 3/Level 3	9-12,30,31 /Y	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G RADIO TV %7 %G TEC ELEC @7 7 G TV PRO TE@7 7 G
^a 8730040	^a ELECTRONIC 4 Electronic 4/Level 3	9-12,30,31 /Y	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G RADIO TV %7 %G TEC ELEC @7 7 G TV PRO TE@7 7 G
^a 8730050	^a ELECTRONIC 5 Electronic 5/Level 3	9-12,30,31 /Y	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G RADIO TV %7 %G TEC ELEC @7 7 G TV PRO TE@7 7 G
^a 8730060	^a ELECTRONIC 6 Electronic 6/Level 3	9-12,30,31 /Y	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G RADIO TV %7 %G TEC ELEC @7 7 G TV PRO TE@7 7 G
^a 8730070	^a ELECTRONIC 7 Electronic 7/Level 3	9-12,30,31 /Y	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G RADIO TV %7 %G TEC ELEC @7 7 G TV PRO TE@7 7 G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
^a 8730080	^a ELECTRONIC 8 Electronic 8/Level 3	9-12,30,31 /Y	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G RADIO TV %7 %G TEC ELEC @7 7 G TV PRO TE@7 7 G
^a 8730090	^a ELECTRONIC 9 Electronic 9/Level 3	9-12,30,31 /Y	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G RADIO TV %7 %G TEC ELEC @7 7 G TV PRO TE@7 7 G
^a 8730091	^a ELECTRONIC 10 Electronic 10/Level 3	9-12,30,31 /Y	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G RADIO TV %7 %G TEC ELEC @7 7 G TV PRO TE@7 7 G
I150303	ELECTRONIC TECH Electronic Technology	30,31 /			
EEV0010	ELECTRONICS ASMBR Electronics Assembler	9-12,30,31 /Y	VO	2.0	AUTO PROD 7 G AVIONICS @7 7 G ELECTRONI@7 7 G ENG 7 G IND ENGR 7 G ROBOTICS 7 G TEC ELEC @7 7 G TV PRO TE@7 7 G RADIO TV %7 %G
EEV0100	ELECTRONICS TESTER Electronics Tester	9-12,30,31 /Y	VO	3.0	AUTO PROD 7 G AVIONICS @7 7 G ELECTRONI@7 7 G ENG 7 G IND ENGR 7 G ROBOTICS 7 G TEC ELEC @7 7 G TV PRO TE@7 T G RADIO TV %7 %G
EEV0500	ELECT EQUIP REPAIR Electronics Equipment Repairer	9-12,30,31 /Y	VO	2.5	AVIONICS @7 7 G ELECTRONI@7 7 G RADIO TV %7 %G TEC ELEC @7 7 G TV PRO TE@7 7 G
EEV0616	ELECTRONICS TECH Electronics Technician	9-12,30,31 /Y	VO	3.0	AVIONICS @7 7 G ELECTRONI@7 7 G RADIO TV %7 %G TEC ELEC @7 7 G TV PRO TE@7 7 G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
J540100	ELECTRONIC TECH 1 Electronic Technology 1	30, 31 /			
EEV0010	ELECTRONICS ASMBR Electronics Assembler	9-12, 30, 31 /Y	VO	2.0	AUTO PROD 7 G AVIONICS @7 7 G ELECTRONI@7 7 G ENG 7 G IND ENGR 7 G ROBOTICS 7 G TEC ELEC @7 7 G TV PRO TE@7 7 G RADIO TV %7 %G
EEV0100	ELECTRONICS TESTER Electronics Tester	9-12, 30, 31 /Y	VO	3.0	AUTO PROD 7 G AVIONICS @7 7 G ELECTRONI@7 7 G ENG 7 G IND ENGR 7 G ROBOTICS 7 G TEC ELEC @7 7 G TV PRO TE@7 T G RADIO TV %7 %G
J540200	ELECTRONIC TECH 2 Electronic Technology 2	30, 31 /			
EEV0500	ELECT EQUIP REPAIR Electronics Equipment Repairer	9-12, 30, 31 /Y	VO	2.5	AVIONICS @7 7 G ELECTRONI@7 7 G RADIO TV %7 %G TEC ELEC @7 7 G TV PRO TE@7 7 G
EEV0616	ELECTRONICS TECH Electronics Technician	9-12, 30, 31 /Y	VO	3.0	AVIONICS @7 7 G ELECTRONI@7 7 G RADIO TV %7 %G TEC ELEC @7 7 G TV PRO TE@7 7 G
J550100	GAMING MAC RPR TEC Gaming Machine Repair Technician	30, 31 /			
EER0320	SLOT MACH ATTENDANT Slot Machine Attendant	9-12, 30, 31 /Y	VO	0.5	COMP SVC 7 G ELECTRONI@7 7 G SLOT MACH 7 G TEC ELEC @7 7 G
EER0321	SLOT MACHINE TECH Slot Machine Technician	9-12, 30, 31 /Y	VO	1.0	COMP SVC 7 G ELECTRONI@7 7 G SLOT MACH 7 G TEC ELEC @7 7 G
^ 8736000	INDUSTRIAL BIOTECH Industrial Biotechnology	9-12, 30, 31 /			
3027010	BIOTECH 1 Biotechnology 1, Level 3	/Y	EQ	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
3027020	BIOTECH 2 Biotechnology 2, Level 3	/Y	EQ	1.0	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8736030	BIOTECH 3 Biotechnology 3/Level 3	9-12, 30, 31 /Y	VO	1.0	CHEM 1 BIOLOGY 1 BIOTECH 7 G
I470303	INDUS MACH MAINT/RPR Industrial Machinery Maintenance and Repair	30, 31 /			
ETI0450	INDUS MACH MAINT AST Industrial Machinery Maintenance Assistant	9-12, 30, 31 /Y	VO	3.0	BLDG CONS@7 7 G IND ENGR 7 G MACH SHOP@7 7 G MILLWRIGHT7 G TEC CONST@7 7 G
ETI0457	MACH MAINT TECH Machinery Maintenance Technician	9-12, 30, 31 /Y	VO	1.0	BLDG CONS@7 7 G IND ENGR 7 G MACH SHOP@7 7 G MILLWRIGHT7 G TEC CONST@7 7 G
ETI0456	MACH MAINT MECH Machinery Maintenance Mechanic	9-12, 30, 31 /Y	VO	2.0	BLDG CONS@7 7 G IND ENGR 7 G MACH SHOP@7 7 G MILLWRIGHT7 G TEC CONST@7 7 G
ETI0458	INDUS MAINT SPEC Industrial Maintenance Specialist	9-12, 30, 31 /Y	VO	3.0	BLDG CONS@7 7 G IND ENGR 7 G MACH SHOP@7 7 G MILLWRIGHT7 G TEC CONST@7 7 G
9204300	INDUS MACH MAIN TECH Industrial Machinery Maintenance Technology	9-12, 30, 31 /			
9204310	MACHINERY MAINT 1 Machinery Maintenance 1/Level 3	9-12, 30, 31 /Y	VO	1.0	BLDG CONS@7 7 G IND ENGR 7 G MACH SHOP@7 7 G MILLWRIGHT7 G TEC CONST@7 7 G
9204320	MACHINERY MAINT 2 Machinery Maintenance 2/Level 3	9-12, 30, 31 /Y	VO	1.0	BLDG CONS@7 7 G IND ENGR 7 G MACH SHOP@7 7 G MILLWRIGHT7 G TEC CONST@7 7 G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	COURSES MEETING		
					CERTIFICATION		
9204330	MACHINERY MAINT 3 Machinery Maintenance 3/Level 3	9-12,30,31 /Y	VO	1.0	BLDG CONS@7	7	G
					IND ENGR	7	G
					MACH SHOP@7	7	G
					MILLWRIGHT7	7	G
					TEC CONST@7	7	G
8743240	MACHINERY MAINT 4 Machinery Maintenance 4/Level 3	9-12,30,31 /Y	VO	1.0	BLDG CONS@7	7	G
					IND ENGR	7	G
					MACH SHOP@7	7	G
					MILLWRIGHT7	7	G
					TEC CONST@7	7	G
9204350	IND MACH MECH CAP Industrial Machinery Mechanic Technology Capstone/Level 3	9-12,30,31 /Y	PA	1.0	BLDG CONS@7	7	G
					IND ENGR	7	G
					MACH SHOP@7	7	G
					MILLWRIGHT7	7	G
					TEC CONST@7	7	G
J590100	INDUS MACH MAINT 1 Industrial Machinery Maintenance 1	30,31 /					
ETI0450	INDUS MACH MAINT AST Industrial Machinery Maintenance Assistant	9-12,30,31 /Y	VO	3.0	BLDG CONS@7	7	G
					IND ENGR	7	G
					MACH SHOP@7	7	G
					MILLWRIGHT7	7	G
					TEC CONST@7	7	G
ETI0456	MACH MAINT MECH Machinery Maintenance Mechanic	9-12,30,31 /Y	VO	2.0	BLDG CONS@7	7	G
					IND ENGR	7	G
					MACH SHOP@7	7	G
					MILLWRIGHT7	7	G
					TEC CONST@7	7	G
J590200	INDUS MACH MAINT 2 Industrial Machinery Maintenance 2	30,31 /					
ETI0457	MACH MAINT TECH Machinery Maintenance Technician	9-12,30,31 /Y	VO	1.0	BLDG CONS@7	7	G
					IND ENGR	7	G
					MACH SHOP@7	7	G
					MILLWRIGHT7	7	G
					TEC CONST@7	7	G
ETI0458	INDUS MAINT SPEC Industrial Maintenance Specialist	9-12,30,31 /Y	VO	3.0	BLDG CONS@7	7	G
					IND ENGR	7	G
					MACH SHOP@7	7	G
					MILLWRIGHT7	7	G
					TEC CONST@7	7	G
I480602	JEWELRY MAKING & RPR Jewelry Making and Repair	30,31 /					
PMT0650	CLK, WATCH & JEW TEC Clock, Watch and Jewelry Technician Assistant	9-12,30,31 /Y	PA	3.0	JWLY MFGR	7	G
					METAL WORK	7	G

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION	
PMT0630	JEWELRY DESIGNER Jewelry Designer	9-12,30,31 /Y	PA	3.0	JWLY MFGR 7 METAL WORK7	G G
PMT0640	WAX MODELER/CASTING Wax Modeler/Casting	9-12,30,31 /Y	PA	1.0	JWLY MFGR 7 METAL WORK7	G G
PMT0641	JEWELRY REPAIRER Jewelry Repairer	9-12,30,31 /Y	PA	2.0	JWLY MFGR 7 METAL WORK7	G G
PMT0632	STONE SETTER Stone Setter	9-12,30,31 /Y	PA	1.0	JWLY MFGR 7 METAL WORK7	G G
PMT0645	JEWELRY FINISHING TE Jewelry Finishing Technician	9-12,30,31 /Y	PA	1.0	JWLY MFGR 7 METAL WORK7	G G
J450400	JEWL MAKING & RPR1 Jewelry Making and Repair 1	30,31 /				
PMT0650	CLK, WATCH & JEW TEC Clock, Watch and Jewelry Technician Assistant	9-12,30,31 /Y	PA	3.0	JWLY MFGR 7 METAL WORK7	G G
PMT0630	JEWELRY DESIGNER Jewelry Designer	9-12,30,31 /Y	PA	3.0	JWLY MFGR 7 METAL WORK7	G G
J450500	JEWL MAKING & RPR 2 Jewelry Making and Repair 2	30,31 /				
PMT0640	WAX MODELER/CASTING Wax Modeler/Casting	9-12,30,31 /Y	PA	1.0	JWLY MFGR 7 METAL WORK7	G G
PMT0641	JEWELRY REPAIRER Jewelry Repairer	9-12,30,31 /Y	PA	2.0	JWLY MFGR 7 METAL WORK7	G G
PMT0632	STONE SETTER Stone Setter	9-12,30,31 /Y	PA	1.0	JWLY MFGR 7 METAL WORK7	G G
PMT0645	JEWELRY FINISHING TE Jewelry Finishing Technician	9-12,30,31 /Y	PA	1.0	JWLY MFGR 7 METAL WORK7	G G
^a I470106	^a MAJ APP & REFG RPR Major Appliance and Refrigeration Repair	30,31 /				
^a EER0310	APPLIANCE HELPER Appliance Helper	9-12,30,31 /Y	VO	2.0	APPLI REP@7 GAS FITTER7	7 G G
EER0315	LAUNDRY TECH Laundry Technician	9-12,30,31 /Y	VO	2.0	APPLI REP@7 GAS FITTER7	7 G G
^a EER0317	KITCHEN TECH Kitchen Technician	9-12,30,31 /Y	VO	3.0	APPLI REP@7 GAS FITTER7	7 G G
^a ACR0046	REFRIGERATION TECH Refrigeration Technician	9-12,30,31 /Y	VO	3.0	APPLI REP@7 GAS FITTER7	7 G G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
J620300	MAJ APP & REFG TECH Major Appliance and Refrigeration Technology	30,31 /			
EER0391	APP INSTALLATION HLP Appliance Installation Helper	9-12,30,31 /Y	VO	1.0	APPLI REP@7 7 G GAS FITTER7 G
EER0315	LAUNDRY TECH Laundry Technician	9-12,30,31 /Y	VO	2.0	APPLI REP@7 7 G GAS FITTER7 G
EER0392	COOKING APP TECH Cooking Appliance Technician	9-12,30,31 /Y	VO	2.0	APPLI REP@7 7 G GAS FITTER7 G
ACR0084	COOLING APP TECH Cooling Appliance Technician	9-12,30,31 /Y	VO	2.0	APPLI REP@7 7 G GAS FITTER7 G
9202200	MARITIME RPR/REF TEC Maritime Repair/Refinishing Technology	9-12,30,31 /			
9202210	MARITIME RPR/REF 1 Maritime Repair/Refinishing Technology 1/Level 2	9-12,30,31 /Y	VO	1.0	CARPENTRY@7 7 G SEAMANSHIP7 G
9202220	MARITIME RPR/REF 2 Maritime Repair/Refinishing Technology 2/Level 2	9-12,30,31 /Y	VO	1.0	CARPENTRY@7 7 G SEAMANSHIP7 G
9202230	MARITIME RPR/REF 3 Maritime Repair/Refinishing Technology 3/Level 2	9-12,30,31 /Y	VO	1.0	CARPENTRY@7 7 G SEAMANSHIP7 G
9202240	MARITIME RPR/REF 4 Maritime Repair/Refinishing Technology 4/Level 2	9-12,30,31 /Y	VO	1.0	CARPENTRY@7 7 G SEAMANSHIP7 G
I470313	MILLWRIGHT Millwright	30, 31 /			
ETI0450	INDUS MACH MAINT AST Industrial Machinery Maintenance Assistant	9-12,30,31 /Y	VO	3.0	BLDG CONS@7 7 G IND ENGR 7 G MACH SHOP@7 7 G MILLWRIGHT7 G TEC CONST@7 7 G
ETI0457	MACH MAINT TECH Machinery Maintenance Technician	9-12,30,31 /Y	VO	1.0	BLDG CONS@7 7 G IND ENGR 7 G MACH SHOP@7 7 G MILLWRIGHT7 G TEC CONST@7 7 G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
ETI0456	MACH MAINT MECH Machinery Maintenance Mechanic	9-12,30,31 /Y	VO	2.0	BLDG CONS@7 7 G IND ENGR 7 G MACH SHOP@7 7 G MILLWRIGHT7 G TEC CONST@7 7 G
ETI0459	MILLWRIGHT Millwright	9-12,30,31 /Y	VO	3.0	BLDG CONS@7 7 G IND ENGR 7 G MACH SHOP@7 7 G MILLWRIGHT7 G TEC CONST@7 7 G
J590400	MILLWRIGHT 1 Millwright 1	30, 31 /			
ETI0450	INDUS MACH MAINT AST Industrial Machinery Maintenance Assistant	9-12,30,31 /Y	VO	3.0	BLDG CONS@7 7 G IND ENGR 7 G MACH SHOP@7 7 G MILLWRIGHT7 G TEC CONST@7 7 G
ETI0456	MACH MAINT MECH Machinery Maintenance Mechanic	9-12,30,31 /Y	VO	2.0	BLDG CONS@7 7 G IND ENGR 7 G MACH SHOP@7 7 G MILLWRIGHT7 G TEC CONST@7 7 G
J590500	MILLWRIGHT 2 Millwright 2	30, 31 /			
ETI0457	MACH MAINT TECH Machinery Maintenance Technician	9-12,30,31 /Y	VO	1.0	BLDG CONS@7 7 G IND ENGR 7 G MACH SHOP@7 7 G MILLWRIGHT7 G TEC CONST@7 7 G
ETI0459	MILLWRIGHT Millwright	9-12,30,31 /Y	VO	3.0	BLDG CONS@7 7 G IND ENGR 7 G MACH SHOP@7 7 G MILLWRIGHT7 G TEC CONST@7 7 G
^a 8754500	WELDING TECHNOLOGIES Welding Technologies	9-12,30,31 /			
^a 8754510	^a WELDING TECH 1 Welding Technologies 1/Level 2	9-12,30,31 /Y	VO	1.0	METAL WORK7 G WELDING @7 7 G
^a 8754520	^a WELDING TECH 2 Welding Technologies 2/Level 2	9-12,30,31 /Y	VO	1.0	METAL WORK7 G WELDING @7 7 G
^a 8754530	^a WELDING TECH 3 Welding Technologies 3/Level 2	9-12,30,31 /Y	VO	1.0	METAL WORK7 G WELDING @7 7 G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	COURSES MEETING		
					CERTIFICATION		
^a 8754540	^a WELDING TECH 4 Welding Technologies 4/Level 2	9-12,30,31 /Y	VO	1.0	METAL WORK7 WELDING @7	G 7	G
^a 8754550	^a WELDING TECH 5 Welding Technologies 5/Level 2	9-12,30,31 /Y	VO	1.0	METAL WORK7 WELDING @7	G 7	G
^a 8754560	^a WELDING TECH 6 Welding Technologies 6/Level 2	9-12,30,31 /Y	VO	1.0	METAL WORK7 WELDING @7	G 7	G
^a 8754570	^a WELDING TECH 7 Welding Technologies 7/Level 2	9-12,30,31 /Y	VO	1.0	METAL WORK7 WELDING @7	G 7	G
^a 8754580	^a WELDING TECH 8 Welding Technologies 8/Level 2	9-12,30,31 /Y	VO	1.0	METAL WORK7 WELDING @7	G 7	G
^a I480500	WELDING TECHNOLOGIES Welding Technologies	30,31 /					
^a PMT0011	WELDER HELPER Welder Helper	9-12,30,31 /Y	VO	1.5	METAL WORK7 WELDING @7	G 7	G
^a PMT0012	WELDER, SHIELDED MA Welder, Shielded Metal Arc	9-12,30,31 /Y	VO	2.0	METAL WORK7 WELDING @7	G 7	G
^a PMT0013	WELDER, GAS-METAL AR Welder, Gas-Metal Arc	9-12,30,31 /Y	VO	1.0	METAL WORK7 WELDING @7	G 7	G
^a PMT0014	WELDER, FLUX CORED A Welder, Flux Cored Arc	9-12,30,31 /S	VO	0.5	METAL WORK7 WELDING @7	G 7	G
^a PMT0015	WELDER, GAS-TUNG ARC Welder, Gas-Tungsten Arc	9-12,30,31 /Y	VO	1.0	METAL WORK7 WELDING @7	G 7	G
^a PMT0016	WELDER, PIPE Welder, Pipe	9-12,30,31 /Y	VO	2.0	METAL WORK7 WELDING @7	G 7	G
J400400	WELDING TECHNOLOGY Welding Technology	30,31 /					
PMT0070	WELDER ASSISTANT 1 Welder Assistant 1	9-12,30,31 /Y	PA	1.0	METAL WORK7 WELDING @7	G 7	G
PMT0071	WELDER ASSISTANT 2 Welder Assistant 2	9-12,30,31 /Y	PA	1.0	METAL WORK7 WELDING @7	G 7	G
PMT0072	WELDER, SMAW 1 Welder, SMAW 1	9-12,30,31 /Y	PA	1.0	METAL WORK7 WELDING @7	G 7	G
PMT0073	WELDER, SMAW 2 Welder, SMAW 2	9-12,30,31 /Y	PA	1.0	METAL WORK7 WELDING @7	G 7	G
PMT0074	WELDER Welder	9-12,30,31 /Y	VO	3.0	METAL WORK7 WELDING @7	G 7	G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	REQUIREMENTS	CREDIT	CERTIFICATION
J400410	WELDING TECH - ADV Welding Technology - Advanced	30,31 /			
PMT0075	ADVANCED WELDER 1 Advanced Welder 1	9-12,30,31 /Y	VO	4.0	METAL WORK7 G WELDING @7 7 G
PMT0076	ADVANCED WELDER 2 Advanced Welder 2	9-12,30,31 /Y	VO	1.0	METAL WORK7 G WELDING @7 7 G
9204400	WELDING TECH FUND Welding Technology Fundamentals	9-12,30,31 /			
9204410	WELD TECH FUNDS 1 Welding Technology Fundamentals 1/ Level 3	9-12,30,31 /Y	PA	1.0	METAL WORK7 G WELDING @7 7 G
9204420	WELD TECH FUNDS 2 Welding Technology Fundamentals 2/ Level 3	9-12,30,31 /Y	PA	1.0	METAL WORK7 G WELDING @7 7 G
9204430	WELD TECH FUNDS 3 Welding Technology Fundamentals 3/ Level 3	9-12,30,31 /Y	PA	1.0	METAL WORK7 G WELDING @7 7 G
9204440	WELD TECH FUNDS 4 Welding Technology Fundamentals 4/ Level 3	9-12,30,31 /Y	PA	1.0	METAL WORK7 G WELDING @7 7 G
9204450	WELD TECH FUNDS CAP Welding Technology Fundamentals Capstone/Level 3	9-12,30,31 /Y	VO	1.0	METAL WORK7 G WELDING @7 7 G
----- SUPPLEMENTAL PROGRAMS -----					
9260400	FUND OF MANUFACTUR Fundamentals of Manufacturing	6-8 /S			AUTO PROD 7 G ENG 7 G ELECTRONIC @7 7 G IND ENGR 7 G
9260350	INTRO TO MANUFACTUR Introduction to Manufacturing	6-8 /S			ENG&TEC ED 1 @2 AUTO PROD 7 G ELECTRONIC @7 7 G IND ENGR 7 G
9260360	INTRO TO MANUF & CP Introduction to Manufacturing and Career Planning	6-8 /S			ENG&TEC ED 1 @2 AUTO PROD 7 G ELECTRONIC @7 7 G IND ENGR T G
9200420	MANUFACTURING OJT Manufacturing Cooperative Education OJT	9-12,30,31 /M	VO	MULTIPLE	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
9201000	MANUF DIRECTED ST Manufacturing Directed Study	1112,30,31 /M	VO	MULTIPLE	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
^a 8700300	^a PRAC,TECH&INDUS OCCS Practical, Technical and Industrial Occupations	9-12,30,31 /Y			SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
^a 8700310	^a PRAC APPLIANCE SERV Practical Appliance Service	9-12,30,31 /Y	VO	1.0	

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
^a 8700320	^a PRAC ENGINE MECH Practical Engine Mechanics	9-12,30,31 /Y	VO	1.0	
^a 8700330	^a PRAC CONST TRADES Practical Construction Trades	9-12,30,31 /Y	VO	1.0	
^a 8700340	^a PRAC ELEC/ELECT Practical Electrical/Electronics	9-12,30,31 /Y	VO	1.0	
^a 8700350	^a PRAC METAL WORK Practical Metal Work	9-12,30,31 /Y	VO	1.0	
^a 8700360	^a PRAC CMCL FOODS Practical Commercial Foods	9-12,30,31 /Y	VO	1.0	
^a 8700370	^a PRAC GRAPHIC ARTS Practical Graphic Arts	9-12,30,31 /Y	VO	1.0	
^a 8700380	^a PRAC DRAFTING Practical Drafting	9-12,30,31 /Y	PA	1.0	
^a 8700390	^a PRAC AV CAREERS Practical Aviation Careers	9-12,30,31 /Y	VO	1.0	

APPRENTICESHIP PROGRAMS

I48054R	APLD WELD TECH -APPR Applied Welding Technologies - Apprenticeship	30,31	/
I48020R	CMCL SGN DSNFAB-APPR Commercial Sign Design and Fabrication - Apprenticeship	30,31	/
I15040R	ELEC & INST TECH-APP Electrical and Instrumentation Technology - Apprenticeship	30,31	/
I15030R	ELECT TECH - APPR Electronic Technology - Apprenticeship	30,31	/
I47031R	INDUS MACH MAINT-APP Industrial Machinery Maintenance - Apprenticeship	30,31	/
I48060R	IND PLASTICS - APPR Industrial Plastics - Apprenticeship	30,31	/
I48050R	MACHINING - APPR Machining - Apprenticeship	30,31	/
I47010R	MAJ APP&REFG RPR APP Major Appliance and Refrigeration Repair - Apprenticeship	30,31	/
I47032R	MILLWRIGHT - APPR Millwright - Apprenticeship	30,31	/

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION					
I48052R	SH MTL FAB TECH-APPR Sheet Metal Fabrication Technology - Apprenticeship	30,31 /								

MARKETING, SALES & SERVICES CAREER CLUSTER										

MANAGEMENT & ENTREPRENEURSHIP CAREER PATH (MKPA)										

8812000	BUSINESS OWNERSHIP Business Ownership/Level 3	9-12,30,31 /Y	PA	1.0	BUS ED	1		MKTG	1	
					MKTG MGMT	7	G	RETAILING	@7	7 G
					WHOLESA	7	G	TC COOP ED	@7	
					VOE	@7		ADVR PROM	7	G
8812100	ENTREPRENEURSHIP Entrepreneurship	9-12,30,31 /								
8812110	PRIN OF ENTREPRENEUR Principles of Entrepreneurship/ Level 2	9-12,30,31 /Y	PA	1.0	BUS ED	1				
					MKTG	1				
					MKTG MGMT	7	G			
					RETAILING	@7	7 G			
					TC COOP E	@7				
					VOE	@7				
					WHOLESA	7	G			
8812120	BUSINESS MGMT & LAW Business Management and Law/Level 3	9-12,30,31 /Y	VO	1.0	BUS ED	1				
					MKTG	1				
					MKTG MGMT	7	G			
					RETAILING	@7	7 G			
					TC COOP E	@7				
					VOE	@7				
					WHOLESA	7	G			
8812000	BUSINESS OWNERSHIP Business Ownership/Level 3	9-12,30,31 /Y	PA	1.0	BUS ED	1				
					MKTG	1				
					MKTG MGMT	7	G			
					RETAILING	@7	7 G			
					WHOLESA	7	G			
					TC COOP E	@7				
					VOE	@7				
					ADVR PROM	7	G			
M803010	ENTREPRENEURSHIP Entrepreneurship	30,31 /								
MKA0090	BUS DEVELOPMENT MGR Business Development Manager	9-12,30,31 /Y	PA	2.0	BUS ED	1				
					MKTG	1				
					MKTG MGMT	7	G			
					RETAILING	@7	7 G			
					TC COOP E	@7				
					VOE	@7				
					WHOLESA	7	G			

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT	CERTIFICATION
			SUBJECT AREA GRADUATION REQUIREMENTS			

MKA0091	(ENT) GEN MANAGER (Entrepreneur) General Manager	9-12,30,31 /Y	VO	1.0	BUS ED 1 MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G TC COOP E@7 VOE @7 WHOLESAL 7 G ADVR PROM 7 G	
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PROFESSIONAL SALES & MARKETING CAREER PATH (MKPB)

8827200	E-COMMERCE MARKETING E-Commerce Marketing	9-12,30,31 /				
8827110	MARKETING ESSENTIALS Marketing Essentials/Level 2	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G WHOLESAL 7 G ADVR PROM 7 G TC COOP E@7	G
8827120	MARKETING APPS Marketing Applications/Level 2	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G ADVR PROM 7 G	G
8827210	E-COMMERCE MARKETING E-Commerce Marketing/Level 3	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G	G
M899992	E-COMMERCE MARKETING E-Commerce Marketing	30,31 /				
MKA0432	SALESPERSON, RETAIL Salesperson, Retail	9-12,30,31 /Y	PA	2.0	BUS ED 1 @2 MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G ADVR PROM 7 G TC COOP E@7 WHOLESAL @7 G	G
MKA0455	(E-COMM) CPT SPEC (E-Commerce) Computer Specialist	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G	G
8806000	FASHION MARKETING Fashion Marketing	9-12,30,31 /				

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8806010	FASH ESSENTIALS Fashion Essentials/Level 2	9-12,30,31 /Y	PA	1.0	MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G BUS ED 1
8827110	MARKETING ESSENTIALS Marketing Essentials/Level 2	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G WHOLESALE 7 G ADVR PROM 7 G TC COOP E@7
8806020	FASHION APPL Fashion Applications/Level 2	9-12,30,31 /Y	PA	1.0	MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G BUS ED 1
8827120	MARKETING APPS Marketing Applications/Level 2	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G ADVR PROM 7 G
8806030	FASH MKT MGMT 3 Fashion Marketing Management/Level 3	9-12,30,31 /Y	PA	1.0	MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G
8839100	INTERNATIONAL MKT International Marketing	9-12,30,31 /			
8827110	MARKETING ESSENTIALS Marketing Essentials/Level 2	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G WHOLESALE 7 G ADVR PROM 7 G TC COOP E@7
8839110	INTL MARKETING 1 International Marketing 1/Level 2	9-12,30,31 /Y	VO	1.0	BUS ED 1 MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G TC COOP E@7 WHOLESALE 7 G
8839120	INTL MARKETING 2 International Marketing 2/Level 2	9-12,30,31 /Y	VO	1.0	BUS ED 1 MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G TC COOP E@7 WHOLESALE 7 G

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COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8839130	INTL MARKETING 3 International Marketing 3/Level 3	9-12,3031 /Y	VO	1.0	BUS ED 1 MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G TC COOP E@7 WHOLESALE 7 G
^a M807030	^a INTERNATIONAL MKT International Marketing	30,31 /			
MKA0096	(IMP/EXP) BILL CLERK (Import/Export) Billing Clerk	9-12,30,31 /Y	VO	2.0	BUS ED 1 MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G TC COOP E@7 WHOLESALE 7 G ADVR PROM 7 G
MKA0097	(IMP/EXP) DOC CLERK (Import/Export) Documentation Clerk	9-12,30,31 /Y	VO	1.0	BUS ED 1 MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G TC COOP E@7 WHOLESALE 7 G
MKA0098	(IMP/EXP) SALES MGR (Import/Export) Sales Manager	9-12,30,31 /Y	VO	1.0	BUS ED 1 MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G TC COOP E@7 WHOLESALE 7 G
M200500	MKT, MGMT & ENTREN Marketing, Management and Entrepreneurial Principles PSAV	30,31 /			
MKA0432	SALESPERSON, RETAIL Salesperson, Retail	9-12,30,31 /Y	PA	2.0	BUS ED 1 @2 MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G ADVR PROM 7 G TC COOP E@7 WHOLESALE @7 G
MKA0010	MARKETING MANAGERS Marketing Managers	9-12,30,31 /Y	VO	1.0	ADVR PROM 7 G BUS ED 1 MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G TC COOP E@7 WHOLESALE 7 G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
MKA0091	(ENT) GEN MANAGER (Entrepreneur) General Manager	9-12,30,31 /Y	VO	1.0	BUS ED 1 MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G TC COOP E@7 VOE @7 WHOLESAL 7 G ADVR PROM 7 G
9200500	MKT, MGMT & ENTREN Marketing, Management and Entrepreneurial Principles Secondary	9-12,30,31 /			
8827110	MARKETING ESSENTIALS Marketing Essentials/Level 2	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G WHOLESAL 7 G ADVR PROM 7 G TC COOP E@7
8827120	MARKETING APPS Marketing Applications/Level 2	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G ADVR PROM 7 G
8827130	MARKETING MANAGEMENT Marketing Management/Level 2	9-12,30,31 /Y	PA	1.0	ADVR PROM 7 G BUS ED 1 MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G
8812000	BUSINESS OWNERSHIP Business Ownership/Level 3	9-12,30,31 /Y	PA	1.0	BUS ED 1 MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G WHOLESAL 7 G TC COOP E@7 VOE @7 ADVR PROM 7 G
^a M807020	^a REAL ESTATE BROKER Real Estate Broker	30,31 /			
^a REE0048	REAL ESTATE BROKER Real Estate Broker	9-12,30,31 /Y	VO		REAL ESTAT7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
M807010	REAL ESTA SLS AGT Real Estate Sales Agent	30,31 /			
REE0047	REAL ESTATE SALES AG Real Estate Sales Agent	9-12,30,31 /Y	VO		REAL ESTAT7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
M200100	REAL EST SLS ASSC PL Real Estate Sales Associate Post Licensing	30,31 /			
REE0089	REAL EST SALES ASSC Real Estate Sales Associate Post Licensing	9-12,30,31 /Y	VO		REAL ESTAT7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8827400	SPRT REC ENT MKT Sport, Recreation, and Entertainment Marketing	9-12,30,31 /			
8827410	SPORT REC ENT ESSEN Sport, Recreation, and Entertainment Essentials/Level 2	9-12,30,31 /Y	VO	1.0	ADVR PROM 7 G BUS ED 1 MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G
8827110	MARKETING ESSENTIALS Marketing Essentials/Level 2	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G WHOLESALE 7 G ADVR PROM 7 G TC COOP E@7
8827420	SPORT REC ENT APPL Sport, Recreation, and Entertainment Applications/Level 2	9-12,30,31 /Y	PA	1.0	ADVR PROM 7 G BUS ED 1 MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G
8827120	MARKETING APPS Marketing Applications/Level 2	9-12,30,31 /Y	PA	1.0	BUS ED 1 @2 MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G ADVR PROM 7 G
8827430	SPRT REC ENT MKT MGM Sport, Recreation, and Entertainment Marketing Management/Level 3	9-12,30,31 /Y	VO	1.0	ADVR PROM 7 G BUS ED 1 MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G
8827440	SPRT REC ENT INTERN Sport, Recreation, and Entertainment Internship/Level 2	9-12,30,31 /Y	VO	1.0	ADVR PROM T G BUS ED 1 MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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8800410	MARKETING COOP-OJT Marketing Cooperative Education- OJT /Level 2	9-12,30,31 /M	VO	MULTIPLE	MKTG 1 @2 ADVR PROM 7 G BUS ED 1 MKTG MGMT 7 G RETAILING@7 7 G
^a M899400	^a SPRT REC ENT MKT Sport, Recreation, and Entertainment Marketing	30,31 /			
MKA0432	SALESPERSON, RETAIL Salesperson, Retail	9-12,30,31 /Y	PA	2.0	BUS ED 1 @2 MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G ADVR PROM 7 G TC COOP E@7 WHOLESALE @7 G
MKA0080	ENTERTAIN, SPTS & RE Entertainment, Sports and Related Workers	9-12,30,31 /Y	VO	2.0	ADVR PROM 7 G BUS ED 1 MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G TC COOP E@7 WHOLESALE 7 G
MKA0010	MARKETING MANAGERS Marketing Managers	9-12,30,31 /Y	VO	1.0	ADVR PROM 7 G BUS ED 1 MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G TC COOP E@7 WHOLESALE 7 G

MARKETING INFORMATION MANAGEMENT & RESEARCH CAREER PATH (MKPE)

8848100	CUSTOMER SERV REP Customer Service Representative	9-12,30,31 /Y	VO		
8848110	CUSTOMER SERV REPR 1 Customer Service Representative 1/ Level 2	9-12,30,31 /Y	VO	1.0	ADVR PROM 7 G BANK FINC@7 7 G BUS ED 1 @2 HOTEL TRNG7 G INSURANCE 7 G MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G TRANSPORT 7 G WHOLESALE @7 @7 G

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8848120	CUSTOMER SERV REPR 2 Customer Service Representative 2/ Level 2	9-12,30,31 /Y	VO	1.0	ADVR PROM 7 G BANK FINC@7 7 G BUS ED 1 @2 HOTEL TRNG7 G INSURANCE 7 G MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G TRANSPORT 7 G WHOLESALE @7 7 G
8848130	CUSTOMER SERV REPR 3 Customer Service Representative 3/ Level 2	9-12,30,31 /Y	VO	1.0	ADVR PROM 7 G BANK FINC@7 7 G BUS ED 1 @2 HOTEL TRNG7 G INSURANCE 7 G MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G TRANSPORT 7 G WHOLESALE @7 7 G
8848140	CUSTOMER SERV REPR 4 Customer Service Representative 4/ Level 2	9-12,30,31 /Y	VO	1.0	ADVR PROM 7 G BANK FINC@7 7 G BUS ED 1 @2 HOTEL TRNG7 G INSURANCE 7 G MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G TRANSPORT 7 G WHOLESALE @7 7 G
^a M807060	^a CUSTOMER SERV REP Customer Service Representative	30,31 /			
MNA0135	TELECOMM CLERK Telecommunications Clerk	9-12,30,31 /Y	VO	1.0	ADVR PROM 7 G BANK FINC@7 7 G BUS ED 1 @2 HOTEL TRNG7 G INSURANCE 7 G MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G TRANSPORT 7 G WHOLESALE @7 7 G

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MNA0136	TELESALES REP Telesales Representative	9-12,30,31 /Y	VO	1.0	ADVR PROM 7 G BANK FINC@7 7 G BUS ED 1 @2 HOTEL TRNG7 G INSURANCE 7 G MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G TRANSPORT 7 G WHOLESALE @7 7 G
MNA0084	CUST SER REP Customer Service Representative	9-12,30,31 /Y	VO	1.0	ADVR PROM 7 G BANK FINC@7 7 G BUS ED 1 @2 HOTEL TRNG7 G INSURANCE 7 G MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G TRANSPORT 7 G WHOLESALE @7 7 G
MNA0085	CUST SER MANAGER Customer Service Manager	9-12,30,31 /Y	VO	1.0	ADVR PROM 7 G BANK FINC@7 7 G BUS ED 1 @2 HOTEL TRNG7 G INSURANCE 7 G MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G TRANSPORT 7 G WHOLESALE @7 7 G

DISTRIBUTION & LOGISTICS CAREER PATH (MKPF)

M812040	DIST & LOG MGMT Distribution and Logistics Management	30,31 /			
MNA0088	CUST SERVICE SPEC Customer Service Specialist	9-12,30,31 /Y	VO	1.5	MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G WHOLESALE 7 G
MKA0631	BILLING CLERK Billing Clerk	9-12,30,31 /Y	VO	1.5	MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G WHOLESALE 7 G
MKA0632	STOCK CLERK Stock Clerk	9-12,30,31 /Y	VO	1.0	MKTG 1 MKTG MGMT 7 G RETAILING@7 7 G WHOLESALE 7 G

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MKA0633	SALES REP, W & MANF Sales Representatives, Wholesale and Manufacturing	9-12,30,31 /Y	VO	2.0	MKTG 1 MKTG MGMT@7 7 G RETAILING@7 7 G WHOLESALE 7 G
^a 8809100	MKT MCH & PARTS OPS Marketing, Merchandising & Parts Operations	9-12,30,31 /			
^a 8809108	^a RETAIL ESSEN Retail Essentials/Level 2	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 MKTG 1 MKTG MGMT@7 7 G RETAILING@7 7 G WHOLESALE 7 G
^a 8809101	^a DELIVERY OPS Delivery Operations/Level 2	9-12,30,31 /S	VO	0.5	BUS ED 1 @2 MKTG 1 MKTG MGMT@7 7 G RETAILING@7 7 G WHOLESALE 7 G
^a 8809102	^a WAREHOUSING OPS Warehousing Operations/Level 2	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 MKTG 1 MKTG MGMT@7 7 G RETAILING@7 7 G WHOLESALE 7 G
^a 8809103	^a BILLING OPS Billing Operations/Level 2	9-12,30,31 /S	VO	0.5	BUS ED 1 @2 MKTG 1 MKTG MGMT@7 7 G RETAILING@7 7 G WHOLESALE 7 G
^a 8809104	^a PARTS ACCT OPS Parts Accounting Operations/Level 2	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 MKTG 1 MKTG MGMT@7 7 G RETAILING@7 7 G WHOLESALE 7 G
^a 8809107	^a CATALOGING OPS Cataloging Operations/Level 2	9-12,30,31 /S	VO	0.5	BUS ED 1 @2 MKTG 1 MKTG MGMT@7 7 G RETAILING@7 7 G WHOLESALE 7 G
^a 8809109	^a PARTS SPECIALIST 1 Parts Specialist 1/Level 2	9-12,30,31 /S	VO	0.5	BUS ED 1 @2 MKTG 1 MKTG MGMT@7 7 G RETAILING@7 7 G WHOLESALE 7 G

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^a 8809110	^a PARTS SPECIALIST 2 Parts Specialist 2/Level 2	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 MKTG 1 MKTG MGMT@7 7 G RETAILING@7 7 G WHOLESALE 7 G
^a 8809111	^a PARTS SPECIALIST 3 Parts Specialist 3/Level 2	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 MKTG 1 MKTG MGMT@7 7 G RETAILING@7 7 G WHOLESALE 7 G
^a 8809105	^a INV CONTROL OPS Inventory Control Operations/Level 2	9-12,30,31 /S	VO	0.5	BUS ED 1 @2 MKTG 1 MKTG MGMT@7 7 G RETAILING@7 7 G WHOLESALE 7 G
^a 8809106	^a PURCHASING OPS Purchasing Operations/Level 2	9-12,30,31 /S	VO	0.5	BUS ED 1 @2 MKTG 1 MKTG MGMT@7 7 G RETAILING@7 7 G WHOLESALE 7 G
^a 8809112	^a MKT MANAGEMENT OPS Marketing Management Operations/ Level 2	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 MKTG 1 MKTG MGMT@7 7 G RETAILING@7 7 G WHOLESALE 7 G
^a M700100	^a MKT MCH & PARTS OPS1 Marketing, Merchandising & Parts Operations 1	30,31 /			
MKA0640	SALES REPRESENTATIVE Sales Representative	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 MKTG 1 MKTG MGMT@7 7 G RETAILING@7 7 G WHOLESALE 7 G
MKA0643	BILL,COST&RATE CLERK Billing, Cost and Rate Clerk	9-12,30,31 /S	VO	0.5	BUS ED 1 @2 MKTG 1 MKTG MGMT@7 7 G RETAILING@7 7 G WHOLESALE 7 G
MKA0644	PARTS ACCT CLERK Parts Accounting Clerk	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 MKTG 1 MKTG MGMT@7 7 G RETAILING@7 7 G WHOLESALE 7 G
MKA0647	STOCKROOM CLERK Stockroom Clerk	9-12,30,31 /S	VO	0.5	BUS ED 1 @2 MKTG 1 MKTG MGMT@7 7 G RETAILING@7 7 G

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MKA0648	PURCHASING AGENT Purchasing Agent	9-12,30,31 /S	VO	0.5	WHOLESALE 7 G BUS ED 1 @2 MKTG 1 MKTG MGMT@7 7 G RETAILING@7 7 G WHOLESALE 7 G
MKA0649	DISTRIBUTION MANAGER Distribution Manager	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 MKTG 1 MKTG MGMT@7 7 G RETAILING@7 7 G WHOLESALE 7 G
^a M700200	^a MKT MCH & PARTS OPS2 Marketing, Merchandising & Parts Operations 2	30,31 /			
MKA0641	DRIVER/SALES WORKERS Driver/Sales Workers	9-12,30,31 /S	VO	0.5	BUS ED 1 @2 MKTG 1 MKTG MGMT@7 7 G RETAILING@7 7 G WHOLESALE 7 G
MKA0642	WAREHOUSEMAN Warehouseman	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 MKTG 1 MKTG MGMT@7 7 G RETAILING@7 7 G WHOLESALE 7 G
MKA0645	ORDER CLERK Order Clerk	9-12,30,31 /S	VO	0.5	BUS ED 1 @2 MKTG 1 MKTG MGMT@7 7 G RETAILING@7 7 G WHOLESALE 7 G
MKA0646	PARTS SPECIALIST Parts Specialist	9-12,30,31 /Y	VO	2.5	BUS ED 1 @2 MKTG 1 MKTG MGMT@7 7 G RETAILING@7 7 G WHOLESALE 7 G
SUPPLEMENTAL PROGRAMS					
8800210	EX OF MKT OCCS Exploration of Marketing Occupations	6-8 /S			BUS ED 1 MKTG MGMT 7 G MKTG 1
9380300	FUND OF MARKET OCCS Fundamentals of Marketing Occupations	6-8 /S			BUS ED 1 MKTG MGMT @7 G MKTG 1
9309350	INTRO MKT SAL & SR Introduction to Marketing Sales and Service	6-8 /S			BUS ED 1 MKTG MGMT 7 G MKTG 1
9309360	INTRO MKT & CP Introduction to Marketing Sales and Service and Career Planning	6-8 /S			BUS ED 1 MKTG MGMT 7 G MKTG 1

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			GRADUATION REQUIREMENTS			
8800410	MARKETING COOP-OJT Marketing Cooperative Education- OJT /Level 2	9-12,30,31 /M	VO	MULTIPLE	MKTG 1 @2 BUS ED 1 RETAILING @7 7 G	ADVR PROM 7 G MKTG MGMT 7 G
8800100	MKT ED DIR STUDY Marketing Education Directed Study	11-12,30,31/M	VO	MULTIPLE	ANY MARKETING ED G BUS ED 1	
8899990	MKT ED TRAN Marketing Education Transfer	9-12,30,31 /			NA	
M000000	MKT ED TRANSFER Marketing Education Transfer	30,31 /			NA	
8800110	ORIEN TO MKT OCCS Orientation to Marketing Occupations	6-8 /S			BUS ED 1 MKTG MGMT 7 G	MKTG 1 RETAILING @7 7 G
^a 8800310	^a PRACTICAL ENTREP SK Practical Entrepreneurship Skills	9-12,30,31 /S	VO	0.5	MKTG 1 @2 RETAILING @7 7 G	MKTG MGMT @7 7 G WHOLESALE 7 G

|TRANSPORTATION, DISTRIBUTION & LOGISTICS CAREER CLUSTER|

FACILITY & MOBILE EQUIPMENT MAINTENANCE CAREER PATH (TRPD)

I470604	ADV AUTO SERVICE TEC Advanced Automotive Service Technology	30,31 /				
AER0011	AUTO MAINT TECH Automotive Maintenance Technician	9-12,30,31 /Y	VO	2.5	AUTO IND @7 %7 %G AUTO MECH@7 7 G	
AER0118	ADV ENG RPR TECH Advanced Engine Repair Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G	
AER0258	ADV AUTO TRANS TECH Advanced Automatic Transmission and Transaxle Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G	
AER0275	ADV MAN DT/AXLE TECH Advanced Manual Drivetrain and Axle Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G	
AER0459	ADV AUTO SUSP & STEE Advanced Automotive Suspension and Steering Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G	
AER0419	ADV AUTO BRAKE SYS Advanced Automotive Brake System Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G	
AER0319	ADV AUTO ELEC TECH Advanced Automotive Electrical/ Electronic System Technician	9-12,30,31 /Y	VO	2.5	AUTO IND @7 %7 %G AUTO MECH@7 7 G	

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AER0173	ADV AUTO HEAT&AC Advanced Automotive Heating and Air Conditioning Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
AER0506	ADV AUTO ENGN PERF T Advanced Automotive Engine Performance Technician	9-12,30,31 /Y	VO	2.5	AUTO IND @7 %7 %G AUTO MECH@7 7 G
T600100	ADV AUTO SVR TECH 1 Advanced Automotive Service Technology 1	30,31 /			
AER0011	AUTO MAINT TECH Automotive Maintenance Technician	9-12,30,31 /Y	VO	2.5	AUTO IND @7 %7 %G AUTO MECH@7 7 G
AER0319	ADV AUTO ELEC TECH Advanced Automotive Electrical/ Electronic System Technician	9-12,30,31 /Y	VO	2.5	AUTO IND @7 %7 %G AUTO MECH@7 7 G
T600200	ADV AUTO SVR TECH 2 Advanced Automotive Service Technology 2	30,31 /			
AER0118	ADV ENG RPR TECH Advanced Engine Repair Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
AER0258	ADV AUTO TRANS TECH Advanced Automatic Transmission and Transaxle Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
AER0275	ADV MAN DT/AXLE TECH Advanced Manual Drivetrain and Axle Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
AER0459	ADV AUTO SUSP & STEE Advanced Automotive Suspension and Steering Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
AER0419	ADV AUTO BRAKE SYS Advanced Automotive Brake System Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
AER0173	ADV AUTO HEAT&AC Advanced Automotive Heating and Air Conditioning Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
AER0506	ADV AUTO ENGN PERF T Advanced Automotive Engine Performance Technician	9-12,30,31 /Y	VO	2.5	AUTO IND @7 %7 %G AUTO MECH@7 7 G
^a 8715100	^a AIRCR AIRFRAME MECH Aircraft Airframe Mechanics	9-12,30,31 /			
8715110	AVIATION MAINT GEN 1 Aviation Maintenance General 1/Level 3	9-12,30,31 /Y	VO	1.0	AIR MECH @7 7 G

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	REQUIREMENTS	CREDIT	CERTIFICATION
8715120	AVIATION MAINT GEN 2 Aviation Maintenance General 2/ Level 3	9-12,30,31 /Y	VO	1.0	AIR MECH @7 7 G
8715130	AVIATION MAINT GEN 3 Aviation Maintenance General 3/ Level 3	9-12,30,31 /Y	VO	1.0	AIR MECH @7 7 G
^a 8715140	^a AVIATION MAINT GEN 4 Aviation Maintenance General 4/ Level 3	9-12,30,31 /Y	VO	1.0	AIR MECH @7 7 G
^a I470612	^a AIRCR AIRFRAME MECH Aircraft Airframe Mechanics	30,31 /			
^a AMT0700	AV GEN MAINT TECH HL Aviation General Maintenance Technician Helper	9-12,30,31 /Y	VO	4.0	AIR MECH @7 7 G
^a AMT0710	AV MAINT TECH FAA1 Aviation Maintenance Technician with FAA Airframe Rating 1	9-12,30,31 /Y	VO	3.0	AIR MECH @7 7 G
^a AMT0711	AV MAINT TECH FAA2 Aviation Maintenance Technician with FAA Airframe Rating 2	9-12,30,31 /Y	VO	3.0	AIR MECH @7 7 G
T400500	AIR COAT & CORROSION Aircraft Coating and Corrosion Control Technology	30,31 /			
AMT0125	AIR COAT SAFETY Aircraft Coating Safety, Inspection and Environmental Regulations	30,31 /Y	VO	0.5	AIR MECH @7 7 G
AMT0133	AIR SURFACE PREP TEC Aircraft Surface Prep Technician	30,31 /Y	VO	1.0	AIR MECH @7 7 G
AMT0126	AIR COATINGS TECH Aircraft Coatings Technician	30,31 /Y	VO	1.0	AIR MECH @7 7 G
AMT0940	AIR COAT TECH INTERN Aircraft Coatings Technician Internship	30,31 /Y	VO	0.5	AIR MECH @7 7 G
^a I470622	^a AIRCRAFT POWPL MECH Aircraft Powerplant Mechanics	30,31 /			
^a AMT0700	AV GEN MAINT TECH HL Aviation General Maintenance Technician Helper	9-12,30,31 /Y	VO	4.0	AIR MECH @7 7 G
^a AMT0720	AV MAINT TECH PPR1 Aviation Maintenance Technician with FAA Power Plant Rating 1	9-12,30,31 /Y	VO	3.0	AIR MECH @7 7 G

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^a AMT0721	AV MAINT TECH PPR2 Aviation Maintenance Technician with FAA Power Plant Rating 2	9-12,30,31 /Y	VO		3.0	AIR MECH @7	7	G
^a 8715200	^a AIRCRAFT POWPL MECH Aircraft PowerPlant Mechanics	9-12,30,31 /						
8715110	AVIATION MAINT GEN 1 Aviation Maintenance General 1/ Level 3	9-12,30,31 /Y	VO		1.0	AIR MECH @7	7	G
8715120	AVIATION MAINT GEN 2 Aviation Maintenance General 2/ Level 3	9-12,30,31 /Y	VO		1.0	AIR MECH @7	7	G
8715130	AVIATION MAINT GEN 3 Aviation Maintenance General 3/ Level 3	9-12,30,31 /Y	VO		1.0	AIR MECH @7	7	G
^a 8715140	^a AVIATION MAINT GEN 4 Aviation Maintenance General 4/ Level 3	9-12,30,31 /Y	VO		1.0	AIR MECH @7	7	G
T401200	ALTERNATIVE FUEL TEC Alternative Fuels Technology	30,31 /						
AER0875	ALT FUELS MAINT TECH Alternative Fuels Maintenance Technician	30,31 /	VO		2.0	AUTO MECH@7	7	G
AER0876	ADV ALT FUELS TECH Advanced Alternative Fuels Technician	30,31 /	VO		2.0	AUTO MECH@7	7	G
AER0877	CNG FUEL SYS INSPECT CNG Fuel System Inspector	30,31 /	VO		1.0	AUTO MECH@7	7	G
^a 8709000	^a AUTO COLL RPR & REF Automotive Collision Repair and Refinishing	9-12,30,31 /						
8709010	AUTO COLL RPR & REF1 Automotive Collision Repair and Refinishing 1/Level 2	9-12,30,31 /Y	VO		1.0	AUTO BODY@7 AUTO IND @7	7 %7	G %G
8709020	AUTO COLL RPR & REF2 Automotive Collision Repair and Refinishing 2/Level 2	9-12,30,31 /Y	VO		1.0	AUTO BODY@7 AUTO IND @7	7 %7	G %G
8709030	AUTO COLL RPR & REF3 Automotive Collision Repair and Refinishing 3/Level 2	9-12,30,31 /Y	VO		1.0	AUTO BODY@7 AUTO IND @7	7 %7	G %G
8709040	AUTO COLL RPR & REF4 Automotive Collision Repair and Refinishing 4/Level 2	9-12,30,31 /Y	VO		1.0	AUTO BODY@7 AUTO IND @7	7 %7	G %G

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8709050	AUTO COLL RPR & REF5 Automotive Collision Repair and Refinishing 5/Level 2	9-12,30,31 /Y	VO	1.0	AUTO BODY@7 7 G AUTO IND @7 %7 %G
8709060	AUTO COLL RPR & REF6 Automotive Collision Repair and Refinishing 6/Level 2	9-12,30,31 /Y	VO	1.0	AUTO BODY@7 7 G AUTO IND @7 %7 %G
8709070	AUTO COLL RPR & REF7 Automotive Collision Repair and Refinishing 7/Level 2	9-12,30,31 /Y	VO	1.0	AUTO BODY@7 7 G AUTO IND @7 %7 %G
8709080	AUTO COLL RPR & REF8 Automotive Collision Repair and Refinishing 8/Level 2	9-12,30,31 /Y	VO	1.0	AUTO BODY@7 7 G AUTO IND @7 %7 %G
8709090	AUTO COLL RPR & REF9 Automotive Collision Repair and Refinishing 9/Level 2	9-12,30,31 /Y	VO	1.0	AUTO BODY@7 7 G AUTO IND @7 %7 %G
^a I470603	^a AUTO COLL RPR & REF Automotive Collision Repair and Refinishing	30,31 /			
^a ARR0210	PAINT & BODY HELP 1 Paint and Body Helper 1	9-12,30,31 /Y	VO	2.0	AUTO BODY@7 7 G AUTO IND @7 %7 %G
^a ARR0213	PAINT & BODY ASST Paint and Body Assistant	9-12,30,31 /Y	VO	2.0	AUTO BODY@7 7 G AUTO IND @7 %7 %G
^a ARR0020	AUTO COLL EST Automotive Collision Estimator	9-12,30,31 /S	VO	0.5	AUTO BODY@7 7 G AUTO IND @7 %7 %G
^a ARR0313	FRAME & BODY RPRM Frame and Body Repairman	9-12,30,31 /Y	VO	1.0	AUTO BODY@7 7 G AUTO IND @7 %7 %G
^a ARR0127	AUTO REFINISHING Automotive Refinishing	9-12,30,31 /Y	VO	2.0	AUTO BODY@7 7 G AUTO IND @7 %7 %G
^a ARR0240	AUTO BODY RPR Automobile Body Repairer	9-12,30,31 /Y	VO	2.0	AUTO BODY@7 7 G AUTO IND @7 %7 %G
^a T400100	^a AUTO COLL RPR & REF1 Automotive Collision Repair and Refinishing 1	30,31 /			
^a ARR0210	PAINT & BODY HELP 1 Paint and Body Helper 1	9-12,30,31 /Y	VO	2.0	AUTO BODY@7 7 G AUTO IND @7 %7 %G
^a ARR0213	PAINT & BODY ASST Paint and Body Assistant	9-12,30,31 /Y	VO	2.0	AUTO BODY@7 7 G AUTO IND @7 %7 %G
^a ARR0020	AUTO COLL EST Automotive Collision Estimator	9-12,30,31 /S	VO	0.5	AUTO BODY@7 7 G AUTO IND @7 %7 %G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
^a ARR0313	FRAME & BODY RPRM Frame and Body Repairman	9-12,30,31 /Y	VO	1.0	AUTO BODY@7 7 G AUTO IND @7 %7 %G
^a T400200	^a AUTO COLL RPR & REF2 Automotive Collision Repair and Refinishing 2	30,31 /			
^a ARR0127	AUTO REFINISHING Automotive Refinishing	9-12,30,31 /Y	VO	2.0	AUTO BODY@7 7 G AUTO IND @7 %7 %G
^a ARR0240	AUTO BODY RPR Automobile Body Repairer	9-12,30,31 /Y	VO	2.0	AUTO BODY@7 7 G AUTO IND @7 %7 %G
9514000	AUTO COLLISION TECH Automotive Collision Technology	9-12,30,31 /			
9514010	COLL PAINT/BODY ASST Automotive Collision Paint and Body Assistant/Level 2	9-12,30,31 /	VO	1.0	AUTO IND @7 %7 %G AUTO BODY@7 7 G
9514020	COLL PAINT/REF ASST1 Automotive Collision Paint and Refinishing Assistant 1/Level 2	9-12,30,31 /	VO	1.0	AUTO IND @7 %7 %G AUTO BODY@7 7 G
9514030	COLL PAINT/REF ASST2 Automotive Collision Paint and Refinishing Assistant2/Level 2	9-12,30,31 /	VO	1.0	AUTO IND @7 %7 %G AUTO BODY@7 7 G
9514040	COLL PAINT/REF ASST3 Automotive Collision Paint and Refinishing Assistant 3/Level 2	9-12,30,31 /	VO	1.0	AUTO IND @7 %7 %G AUTO BODY@7 7 G
9514050	COLL NON-STRUCT 1 Automotive Collision Non-Structural Damage Assistant 1/Level 2	9-12,30,31 /	VO	1.0	AUTO IND @7 %7 %G AUTO BODY@7 7 G
9514060	COLL NON-STRUCT 2 Automotive Collision Non-Structural Damage Assistant 2/Level 2	9-12,30,31 /	VO	1.0	AUTO IND @7 %7 %G AUTO BODY@7 7 G
T401300	AUTO COLL TECH TEC Automotive Collision Technology Technician	30,31 /			
ARR0140	COLL REPAIR HELPER Automotive Collision Repair and Refinishing Helper/Assistant	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO BODY@7 7 G
ARR0141	COLL REFINISHING TEC Automotive Collision Refinishing Technician	9-12,30,31 /Y	VO	3.0	AUTO IND @7 %7 %G AUTO BODY@7 7 G
ARR0312	NON-STRUC DAMAGE TEC Non-Structural Damage Repair Technician	9-12,30,31 /Y	VO	2.0	AUTO IND @7 %7 %G AUTO BODY@7 7 G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
ARR0022	DAMAGE ANALYSIS/EST Damage Analysis and Estimating	9-12,30,31 /Y	VO	0.5	AUTO IND @7 %7 %G AUTO BODY@7 7 G
ARR0112	AUTO COLL WELDING Automotive Collision Welding, Cutting and Joining	9-12,30,31 /Y	VO	0.5	AUTO IND @7 %7 %G AUTO BODY@7 7 G
ARR0295	STRUCT DAMAGE REPAIR Structural Damage Repair Technician	9-12,30,31 /Y	VO	2.0	AUTO IND @7 %7 %G AUTO BODY@7 7 G
T401100	AUTO CNG/LPG TECH Automotive Compressed Natural Gas/ Liquid Propane Gas Technician	30,31 /			
AER0014	AUTO SERVICES ASST Automobile Services Assistor	9-12,30,31 /Y	VO	2.0	AUTO MECH@7 7 G AUTO IND @7 %7 %G
AER0360	AUTO ELEC/ELECT TECH Automotive Electrical/Electronic System Technician	9-12,30,31 /Y	VO	2.0	AUTO MECH@7 7 G AUTO IND @7 %7 %G
AER0503	AUTO ENGN PERF TECH Automotive Engine Performance Technician	9-12,30,31 /Y	VO	2.0	AUTO MECH@7 7 G AUTO IND @7 %7 %G
AER0871	AUTO CNG TECHNICIAN Automotive Compressed Natural Gas Technician	9-12,30,31 /Y	VO	1.0	AUTO MECH@7 7 G
AER0872	AUTO LPG TECHNICIAN Automotive Liquid Propane Gas Technician	9-12,30,31 /Y	VO	1.0	AUTO MECH@7 7 G
T400910	AUTO CUSTOMER SERVIC Automotive Customer Service Advisor	30,31 /			
AER0075	INTRO AUTO SERV ADV Introduction to Automotive Service Advisor	30,31 /Y	VO	0.5	AUTO MECH@7 7 G CUST SERV 7 G MKTG 1 @2 MKTG MGMT@7 7 G RETAILING@7 7 G
AER0076	INTRO AUTO CUST SERV Introduction to Automotive Customer Service	30,31 /Y	VO	0.5	AUTO MECH@7 7 G CUST SERV 7 G MKTG 1 @2 MKTG MGMT@7 7 G RETAILING@7 7 G
AER0077	DEALER POLICIES/PROC Dealership Policies and Procedures	30,31 /Y	VO	0.5	AUTO MECH@7 7 G CUST SERV 7 G MKTG 1 @2 MKTG MGMT@7 7 G RETAILING@7 7 G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
AER0946	DEALER SERV INTERN Dealership Service Advisor Internship	30,31 /Y	VO	1.0	AUTO MECH@7 7 G CUST SERV 7 G MKTG 1 @2 MKTG MGMT@7 7 G RETAILING@7 7 G
AER0078	SERVICE ADVISOR PART Service Advisor Parts Analyst	30,31 /Y	VO	1.0	AUTO MECH@7 7 G CUST SERV 7 G MKTG 1 @2 MKTG MGMT@7 7 G RETAILING@7 7 G
^a 8710000	^a AUTO DETAIL RECD Automotive Detailing and Reconditioning	9-12,30,31 /			
^a 8710010	^a AUTO DETAIL 1 Automotive Detailing 1/Level 2	9-12,30,31 /Y	VO	1.0	AUTO BODY@7 7 G AUTO MECH@7 7 G AUTO IND @7 7 G
^a 8710020	^a AUTO DETAIL 2 Automotive Detailing 2/Level 2	9-12,30,31 /Y	VO	1.0	AUTO BODY@7 7 G AUTO MECH@7 7 G AUTO IND @7 7 G
^a 8710030	^a AUTO DETAIL 3 Automotive Detailing 3/Level 2	9-12,30,31 /Y	VO	1.0	AUTO BODY@7 7 G AUTO MECH@7 7 G AUTO IND @7 7 G
T400710	AUTO DRIVETRAIN TEC Automotive Drivetrain Technician	30,31 /			
AER0014	AUTO SERVICES ASST Automobile Services Assistor	9-12,30,31 /Y	VO	2.0	AUTO MECH@7 7 G AUTO IND @7 %7 %G
AER0110	ENGN RPR TECH Engine Repair Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
AER0274	MAN DRIVETRAIN/AXLE Manual Drivetrain/Axle Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
AER0257	AUTO TRANS&AXLE TECH Automatic Transmission and Transaxle Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
T400720	AUTO ELECTRICAL TEC Automotive Electrical Technician	30,31 /			
AER0014	AUTO SERVICES ASST Automobile Services Assistor	9-12,30,31 /Y	VO	2.0	AUTO MECH@7 7 G AUTO IND @7 %7 %G
AER0360	AUTO ELEC/ELECT TECH Automotive Electrical/Electronic System Technician	9-12,30,31 /Y	VO	2.0	AUTO MECH@7 7 G AUTO IND @7 %7 %G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
AER0172	AUTO HEAT&AC TECH Automotive Heating and Air Conditioning Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
T400730	AUTO GEN SERV TECH Automotive General Service Technician	30,31 /			
AER0014	AUTO SERVICES ASST Automobile Services Assistor	9-12,30,31 /Y	VO	2.0	AUTO MECH@7 7 G AUTO IND @7 %7 %G
AER0418	AUTO BRAKE SYS TECH Automotive Brake System Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
AER0453	AUTO SUSP & STEER TE Automobile Suspension and Steering Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
AER0110	ENGN RPR TECH Engine Repair Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
9504100	AUTO MAINT/LT REPAIR Automotive Maintenance and Light Repair	9-12,30,31 /			
9504110	AUTO MAINT/LT RPR 1 Automotive Maintenance and Light Repair 1/Level 3	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
9504120	AUTO MAINT/LT RPR 2 Automotive Maintenance and Light Repair 2/Level 3	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
9504130	AUTO MAINT/LT RPR 3 Automotive Maintenance and Light Repair 3/Level 3	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
9504140	AUTO MAINT/LT RPR 4 Automotive Maintenance and Light Repair 4/Level 3	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
9504150	AUTO MAINT/LT RPR 5 Automotive Maintenance and Light Repair 5/Level 3	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
9504160	AUTO MAINT/LT RPR 6 Automotive Maintenance and Light Repair 6/Level 3	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
T404100	AUTO MAINT & LIGHT Automotive Maintenance and Light Repair Technician	30,31 /			
AER0025	MAINT & LIGHT RPR 1 Maintenance and Light Repair Technician 1	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
AER0026	MAINT & LIGHT RPR 2 Maintenance and Light Repair Technician 2	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
AER0027	MAINT & LIGHT RPR 3 Maintenance and Light Repair Technician 3	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
AER0028	MAINT & LIGHT RPR 4 Maintenance and Light Repair Technician 4	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
T400740	AUTO PERFORMANCE TEC Automotive Performance Technician	30,31 /			
AER0014	AUTO SERVICES ASST Automobile Services Assistor	9-12,30,31 /Y	VO	2.0	AUTO MECH@7 7 G AUTO IND @7 %7 %G
AER0360	AUTO ELEC/ELECT TECH Automotive Electrical/Electronic System Technician	9-12,30,31 /Y	VO	2.0	AUTO MECH@7 7 G AUTO IND @7 %7 %G
AER0110	ENGN RPR TECH Engine Repair Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
AER0503	AUTO ENGN PERF TECH Automotive Engine Performance Technician	9-12,30,31 /Y	VO	2.0	AUTO MECH@7 7 G AUTO IND @7 %7 %G
^a T400900	^a AUTO SERVICE ADV/CON Automotive Service Advisor and Consultant	30,31 /			
AER0075	INTRO AUTO SERV ADV Introduction to Automotive Service Advisor	30,31 /Y	VO	0.5	AUTO MECH@7 7 G CUST SERV 7 G MKTG 1 @2 MKTG MGMT@7 7 G RETAILING@7 7 G
AER0076	INTRO AUTO CUST SERV Introduction to Automotive Customer Service	30,31 /Y	VO	0.5	AUTO MECH@7 7 G CUST SERV 7 G MKTG 1 @2 MKTG MGMT@7 7 G RETAILING@7 7 G
AER0077	DEALER POLICIES/PROC Dealership Policies and Procedures	30,31 /Y	VO	0.5	AUTO MECH@7 7 G CUST SERV 7 G MKTG 1 @2 MKTG MGMT@7 7 G RETAILING@7 7 G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
^a AER0945	DEALERSHIP INTERN Dealership Internship	30,31 /Y	VO	1.0	AUTO MECH@7 7 G CUST SERV 7 G MKTG 1 @2 MKTG MGMT@7 7 G RETAILING@7 7 G
^a 8709400	^a AUTO SERV TECH Automotive Service Technology	9-12,30,31 /			
^a 8709410	^a AUTO SERV TECH 1 Automotive Service Technology 1/ Level 2	9-12,30,31 /Y	VO	1.0	AUTO MECH@7 7 G AUTO IND @7 7 G
^a 8709420	^a AUTO SERV TECH 2 Automotive Service Technology 2/ Level 2	9-12,30,31 /Y	VO	1.0	AUTO MECH@7 7 G AUTO IND @7 7 G
^a 8709430	^a AUTO SERV TECH 3 Automotive Service Technology 3/ Level 2	9-12,30,31 /Y	VO	1.0	AUTO MECH@7 7 G AUTO IND @7 7 G
^a 8709440	^a AUTO SERV TECH 4 Automotive Service Technology 4/ Level 2	9-12,30,31 /Y	VO	1.0	AUTO MECH@7 7 G AUTO IND @7 7 G
^a 8709450	^a AUTO SERV TECH 5 Automotive Service Technology 5/ Level 2	9-12,30,31 /Y	VO	1.0	AUTO MECH@7 7 G AUTO IND @7 7 G
^a 8709460	^a AUTO SERV TECH 6 Automotive Service Technology 6/ Level 2	9-12,30,31 /Y	VO	1.0	AUTO MECH@7 7 G AUTO IND @7 7 G
^a 8709470	^a AUTO SERV TECH 7 Automotive Service Technology 7/ Level 3	9-12,30,31 /Y	VO	1.0	AUTO MECH@7 7 G AUTO IND @7 7 G
^a 8709480	^a AUTO SERV TECH 8 Automotive Service Technology 8/ Level 3	9-12,30,31 /Y	VO	1.0	AUTO MECH@7 7 G AUTO IND @7 7 G
^a 8709490	^a AUTO SERV TECH 9 Automotive Service Technology 9/ Level 3	9-12,30,31 /Y	VO	1.0	AUTO MECH@7 7 G AUTO IND @7 7 G
^a 8709491	^a AUTO SERV TECH 10 Automotive Service Technology 10/ Level 3	9-12,30,31 /Y	VO	1.0	AUTO MECH@7 7 G AUTO IND @7 7 G
^a 8709492	^a AUTO SERV TECH 11 Automotive Service Technology 11/ Level 3	9-12,30,31 /Y	VO	1.0	AUTO MECH@7 7 G AUTO IND @7 7 G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
^a 8709493	^a AUTO SERV TECH 12 Automotive Service Technology 12/ Level 3	9-12,30,31 /Y	VO	1.0	AUTO MECH@7 7 G AUTO IND @7 7 G
I470608	AUTO SERVICE TECH Automotive Service Technology	30,31 /			
AER0014	AUTO SERVICES ASST Automobile Services Assistor	9-12,30,31 /Y	VO	2.0	AUTO MECH@7 7 G AUTO IND @7 %7 %G
AER0110	ENGN RPR TECH Engine Repair Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
AER0257	AUTO TRANS&AXLE TECH Automatic Transmission and Transaxle Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
AER0274	MAN DRIVETRAIN/AXLE Manual Drivetrain/Axle Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
AER0453	AUTO SUSP & STEER TE Automobile Suspension and Steering Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
AER0418	AUTO BRAKE SYS TECH Automotive Brake System Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
AER0360	AUTO ELEC/ELECT TECH Automotive Electrical/Electronic System Technician	9-12,30,31 /Y	VO	2.0	AUTO MECH@7 7 G AUTO IND @7 %7 %G
AER0172	AUTO HEAT&AC TECH Automotive Heating and Air Conditioning Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
AER0503	AUTO ENGN PERF TECH Automotive Engine Performance Technician	9-12,30,31 /Y	VO	2.0	AUTO MECH@7 7 G AUTO IND @7 %7 %G
T400700	AUTO SERVICE TECH 1 Automotive Service Technology 1	30,31 /			
AER0014	AUTO SERVICES ASST Automobile Services Assistor	9-12,30,31 /Y	VO	2.0	AUTO MECH@7 7 G AUTO IND @7 %7 %G
AER0418	AUTO BRAKE SYS TECH Automotive Brake System Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
AER0453	AUTO SUSP & STEER TE Automobile Suspension and Steering Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
AER0360	AUTO ELEC/ELECT TECH Automotive Electrical/Electronic System Technician	9-12,30,31 /Y	VO	2.0	AUTO MECH@7 7 G AUTO IND @7 %7 %G
AER0110	ENGN RPR TECH Engine Repair Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
T400800	AUTO SERVICE TECH 2 Automotive Service Technology 2	30,31 /			
AER0503	AUTO ENGN PERF TECH Automotive Engine Performance Technician	9-12,30,31 /Y	VO	2.0	AUTO MECH@7 7 G AUTO IND @7 %7 %G
AER0257	AUTO TRANS&AXLE TECH Automatic Transmission and Transaxle Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
AER0274	MAN DRIVETRAIN/AXLE Manual Drivetrain/Axle Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
AER0172	AUTO HEAT&AC TECH Automotive Heating and Air Conditioning Technician	9-12,30,31 /Y	VO	1.0	AUTO IND @7 %7 %G AUTO MECH@7 7 G
T640300	AVIATION AIRFRAME Aviation Airframe Mechanics	30,31 /			
AMT0705	AV MAINT GEN TECH Aviation Maintenance General Technician	9-12,30,31 /Y	VO	3.0	AIR MECH @7 7 G
AMT0765	AV MAINT AF TECH 1 Aviation Maintenance Airframe Technician 1	9-12,30,31 /Y	PA	3.0	AIR MECH @7 7 G
AMT0766	AV MAINT AF TECH 2 Aviation Maintenance Airframe Technician 2	9-12,30,31 /Y	VO	3.0	AIR MECH @7 7 G
9540700	AVIATION ASSEMB/FAB Aviation Assembly and Fabrication	9-12,30,31 /			
9540610	PRIVATE PIOLT GROUND Private Pilot Ground School/Level 3	9-12,30,31 /	VO	1.0	AIR MECH @7 7 G AVIONICS @7 7 G AEROSPACE 7 G ENG TEC 7 G ENG&TEC ED1 @2
9540710	AVIATION ASSEMB TEC1 Aviation Assembly Technician 1/ Level 3	9-12,30,31 /	VO	1.0	AIR MECH @7 7 G AVIONICS @7 7 G AEROSPACE 7 G ENG TEC 7 G ENG&TEC ED1 @2

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
9540720	AVIATION ASSEMB TEC2 Aviation Assembly Technician 2/ Level 3	9-12,30,31 /	VO	1.0	AIR MECH @7 7 G AVIONICS @7 7 G AEROSPACE 7 G ENG TEC 7 G ENG&TEC ED1 @2
9540730	AVIATION ASSEMB TEC3 Aviation Assembly Technician 3/ Level 3	9-12,30,31 /	VO	1.0	AIR MECH @7 7 G AVIONICS @7 7 G AEROSPACE 7 G ENG TEC 7 G ENG&TEC ED1 @2
9540600	AVIATION MAINT GEN Aviation Maintenance General	9-12,30,31 /			
9540610	PRIVATE PILOT GROUND Private Pilot Ground School/Level 3	9-12,30,31 /	VO	1.0	AIR MECH @7 7 G AVIONICS @7 7 G AEROSPACE 7 G ENG TEC 7 G ENG&TEC ED1 @2
8715110	AVIATION MAINT GEN 1 Aviation Maintenance General 1/ Level 3	9-12,30,31 /Y	VO	1.0	AIR MECH @7 7 G
8715120	AVIATION MAINT GEN 2 Aviation Maintenance General 2/ Level 3	9-12,30,31 /Y	VO	1.0	AIR MECH @7 7 G
8715130	AVIATION MAINT GEN 3 Aviation Maintenance General 3/ Level 3	9-12,30,31 /Y	VO	1.0	AIR MECH @7 7 G
T640400	AVIATION POWPL MECH Aviation Powerplant Mechanics	30,31 /			
AMT0705	AV MAINT GEN TECH Aviation Maintenance General Technician	9-12,30,31 /Y	VO	3.0	AIR MECH @7 7 G
AMT0775	AV POWERPLANT TECH 1 Aviation Maintenance Powerplant Technician 1	9-12,30,31 /Y	VO	3.0	AIR MECH @7 7 G
AMT0776	AV POWERPLANT TECH 2 Aviation Maintenance Powerplant Technician 2	9-12,30,31 /Y	VO	3.0	AIR MECH @7 7 G
^a I470199	^a AVIONICS Avionics	30,31 /			

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
EEV0010	ELECTRONICS ASMBR Electronics Assembler	9-12,30,31 /Y	VO	2.0	AUTO PROD 7 G AVIONICS @7 7 G ELECTRONI@7 7 G ENG 7 G IND ENGR 7 G ROBOTICS 7 G TEC ELEC @7 7 G TV PRO TE@7 7 G RADIO TV %7 %G
EEV0100	ELECTRONICS TESTER Electronics Tester	9-12,30,31 /Y	VO	3.0	AUTO PROD 7 G AVIONICS @7 7 G ELECTRONI@7 7 G ENG 7 G IND ENGR 7 G ROBOTICS 7 G TEC ELEC @7 7 G TV PRO TE@7 T G RADIO TV %7 %G
EEV0500	ELECT EQUIP REPAIR Electronics Equipment Repairer	9-12,30,31 /Y	VO	2.5	AVIONICS @7 7 G ELECTRONI@7 7 G RADIO TV %7 %G TEC ELEC @7 7 G TV PRO TE@7 7 G
EEV0616	ELECTRONICS TECH Electronics Technician	9-12,30,31 /Y	VO	3.0	AVIONICS @7 7 G ELECTRONI@7 7 G RADIO TV %7 %G TEC ELEC @7 7 G TV PRO TE@7 7 G
^a AVS0090	AVIONICS TEC PUB TEC Avionics Technical Publications Technician	9-12,30,31 /Y	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G
^a AVS0091	AVIONICS INSTALLER Avionics Installer	9-12,30,31 /Y	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G
^a AVS0092	AV COMM SYS TECH Avionics Communications System Technician	9-12,30,31 /Y	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G
^a AVS0093	AVIONICS TECH Avionics Technician	9-12,30,31 /Y	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G
9504300	AVIONICS SYSTEMS Avionics Systems	9-12,30,31 /			
9504310	AVIONICS FUND 1 Avionics Fundamentals 1/Level 3	9-12,30,31 /	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA REQUIREMENTS	CREDIT	CERTIFICATION
9504320	AVIONICS FUND 2 Avionics Fundamentals 2/Level 3	9-12,30,31 /	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G
9504330	AVIONICS FUND 3 Avionics Fundamentals 3/Level 3	9-12,30,31 /	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G
9504340	AVIONICS FUND 4 Avionics Fundamentals 4/Level 3	9-12,30,31 /	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G
9504350	AVIONICS FUND CAP Avionics Fundamentals Capstone/ Level 3	9-12,30,31 /	PA	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G
T400310	AVIONICS SYS TECH Avionics Systems Technician	30,31 /			
AVS0680	BASIC ELEC WIRE INST Basic Electronics Wiring Installer/ Technician	30,31 /	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G
AVS0681	ELECT SYSTEMS TECH Electrical Systems Technician	30,31 /	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G
AVS0682	ANALOG CIRCUITS TECH Analog Circuits Technician	30,31 /	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G
AVS0683	AIRCRAFT ELECT TECH Aircraft Electronics Technician	30,31 /	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G
AVS0684	AVIONICS INSTALL/TEC Avionics Installer/Technician	30,31 /	VO	2.0	AVIONICS @7 7 G ELECTRONI@7 7 G
AVS0685	ADV AVIONICS INSTALL Advanced Avionics Installer/ Technician	30,31 /	VO	2.0	AVIONICS @7 7 G ELECTRONI@7 7 G
^a 9540300	^a AVIONICS TECHNOLOGY Avionics Technology	9-12,30,31 /			
^a 9540310	^a ELECTRONICS FUND 1 Electronics Fundamentals 1/Level 3	9-12,30,31 /	VO	1.0	BIOMED EQ 7 G ELECTRONI@7 7 G MED EQ TEC7 G
^a 9540320	^a ELECTRONICS FUND 2 Electronics Fundamentals 2/Level 2	9-12,30,31 /	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G
^a 9540330	^a COMM SYSTEMS TECH Communications Systems Technician/ Level 2	9-12,30,31 /	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G
^a 9540340	^a ELECT NAV & UAS TECH Electronic Navigation and UAS Technician/Level 2	9-12,30,31 /	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
^a T640100	^a AVIONICS 1 Avionics 1	30, 31 /			
EEV0010	ELECTRONICS ASMBR Electronics Assembler	9-12, 30, 31 /Y	VO	2.0	AUTO PROD 7 G AVIONICS @7 7 G ELECTRONI@7 7 G ENG 7 G IND ENGR 7 G ROBOTICS 7 G TEC ELEC @7 7 G TV PRO TE@7 7 G RADIO TV %7 %G
EEV0100	ELECTRONICS TESTER Electronics Tester	9-12, 30, 31 /Y	VO	3.0	AUTO PROD 7 G AVIONICS @7 7 G ELECTRONI@7 7 G ENG 7 G IND ENGR 7 G ROBOTICS 7 G TEC ELEC @7 7 G TV PRO TE@7 T G RADIO TV %7 %G
EEV0616	ELECTRONICS TECH Electronics Technician	9-12, 30, 31 /Y	VO	3.0	AVIONICS @7 7 G ELECTRONI@7 7 G RADIO TV %7 %G TEC ELEC @7 7 G TV PRO TE@7 7 G
EEV0500	ELECT EQUIP REPAIR Electronics Equipment Repairer	9-12, 30, 31 /Y	VO	2.5	AVIONICS @7 7 G ELECTRONI@7 7 G RADIO TV %7 %G TEC ELEC @7 7 G TV PRO TE@7 7 G
^a T640200	^a AVIONICS 2 Avionics 2	30, 31 /			
^a AVS0090	AVIONICS TEC PUB TEC Avionics Technical Publications Technician	9-12, 30, 31 /Y	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G
^a AVS0091	AVIONICS INSTALLER Avionics Installer	9-12, 30, 31 /Y	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G
^a AVS0092	AV COMM SYS TECH Avionics Communications System Technician	9-12, 30, 31 /Y	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G
^a AVS0093	AVIONICS TECH Avionics Technician	9-12, 30, 31 /Y	VO	1.0	AVIONICS @7 7 G ELECTRONI@7 7 G
T650500	CONSTRUCT VEH TECH Construction Vehicle Technician	30, 31 /			

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION		
TRA0073	CONSTRUCT VEH DRIVER Construction Vehicle Driver	9-12,30,31 /Y	VO	1.0	OPER ENGR@7 COMM DRIV@7	7 7	G G
TRA0074	CONSTRUCT VEH MAINT Construction Vehicle Maintenance Technician	9-12,30,31 /Y	VO	1.0	OPER ENGR@7 COMM DRIV@7	7 7	G G
TRA0075	CONSTRUCT VEH OPER Construction Vehicle Operator	9-12,30,31 /Y	VO	1.5	OPER ENGR@7 COMM DRIV@7	7 7	G G
T440400	DIESEL MAINT TECH Diesel Maintenance Technician	30,31 /					
DIM0101	DSL ENGN MEC/TEC HLP Diesel Engine Mechanic/Technician Helper	9-12,30,31 /Y	VO	1.0	DIESEL ME@7	7	G
DIM0131	DIESEL AIRBRAKE TECH Diesel Air Brake Technician	9-12,30,31 /Y	VO	1.0	DIESEL ME@7	7	G
DIM0153	DIESEL MAINT TECH Diesel Preventative Maintenance Technician	9-12,30,31 /Y	VO	2.0	DIESEL ME@7	7	G
9504400	DIESEL MAINT TECH Diesel Maintenance Technology	9-12,30,31 /					
8742010	DIESEL ENGN SERV 1 Diesel Engine Service 1/Level 3	9-12,30,31 /Y	VO	1.0	DIESEL ME@7	7	G
9504410	DIESEL MAINT TECH 1 Diesel Maintenance Technology 1/ Level 2	9-12,30,31 /Y	VO	1.0	DIESEL ME@7	7	G
9504420	DIESEL MAINT TECH 2 Diesel Maintenance Technology 2/ Level 3	9-12,30,31 /Y	VO	1.0	DIESEL ME@7	7	G
9504430	DIESEL MAINT TECH 3 Diesel Maintenance Technology 3/ Level 3	9-12,30,31 /Y	VO	1.0	DIESEL ME@7	7	G
I470605	DIESEL SYS TECH Diesel Systems Technician	30,31 /					
DIM0101	DSL ENGN MEC/TEC HLP Diesel Engine Mechanic/Technician Helper	9-12,30,31 /Y	VO	1.0	DIESEL ME@7	7	G
DIM0102	DSL ELEC & ELECT TEC Diesel Electrical and Electronics Technician	9-12,30,31 /Y	VO	2.0	DIESEL ME@7	7	G

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
DIM0103	DSL ENG PREV MAINT Diesel Engine Preventative Maintenance Technician	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 7 G
DIM0104	DIESEL ENGINE TECH Diesel Engine Technician	9-12,30,31 /Y	VO	2.0	DIESEL ME@7 7 G
DIM0105	DIESEL BRAKES TECH Diesel Brakes Technician	9-12,30,31 /Y	VO	2.0	DIESEL ME@7 7 G
DIM0106	DSL HEAT & AC TECH Diesel Heating and Air Conditioning Technician	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 7 G
DIM0107	DSL STEER & SUSP TEC Diesel Steering and Suspension Technician	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 7 G
DIM0108	DSL DRIVETRAIN TECH Diesel Drivetrain Technician	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 7 G
DIM0109	DIESEL HYDRA TECH Diesel Hydraulics Technician	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 7 G
T650100	DIESEL SYS TECH 1 Diesel Systems Technician 1	30,31 /			
DIM0101	DSL ENGN MEC/TEC HLP Diesel Engine Mechanic/Technician Helper	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 7 G
DIM0102	DSL ELEC & ELECT TEC Diesel Electrical and Electronics Technician	9-12,30,31 /Y	VO	2.0	DIESEL ME@7 7 G
DIM0104	DIESEL ENGINE TECH Diesel Engine Technician	9-12,30,31 /Y	VO	2.0	DIESEL ME@7 7 G
DIM0105	DIESEL BRAKES TECH Diesel Brakes Technician	9-12,30,31 /Y	VO	2.0	DIESEL ME@7 7 G
T650200	DIESEL SYS TECH 2 Diesel Systems Technician 2	30,31 /			
DIM0103	DSL ENG PREV MAINT Diesel Engine Preventative Maintenance Technician	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 7 G
DIM0106	DSL HEAT & AC TECH Diesel Heating and Air Conditioning Technician	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 7 G

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION		
DIM0107	DSL STEER & SUSP TEC Diesel Steering and Suspension Technician	9-12,30,31 /Y	VO	1.0	DIESEL ME@7	7	G
DIM0108	DSL DRIVETRAIN TECH Diesel Drivetrain Technician	9-12,30,31 /Y	VO	1.0	DIESEL ME@7	7	G
DIM0109	DIESEL HYDRA TECH Diesel Hydraulics Technician	9-12,30,31 /Y	VO	1.0	DIESEL ME@7	7	G
^a 8766000	^a GAS ENGN SERV TECH Gasoline Engine Service Technology	9-12,30,31 /					
^a 8766010	^a GAS ENGN SERV 1 Gasoline Engine Service 1/Level 2	9-12,30,31 /Y	VO	1.0	GASENG RP@7	7	G
^a 8766020	^a GAS ENGN SERV 2 Gasoline Engine Service 2/Level 2	9-12,30,31 /Y	VO	1.0	GASENG RP@7	7	G
^a 8766030	^a GAS ENGN SERV 3 Gasoline Engine Service 3/Level 2	9-12,30,31 /Y	VO	1.0	GASENG RP@7	7	G
^a 8766040	^a GAS ENGN SERV 4 Gasoline Engine Service 4/Level 2	9-12,30,31 /Y	VO	1.0	GASENG RP@7	7	G
^a 8766050	^a GAS ENGN SERV 5 Gasoline Engine Service 5/Level 2	9-12,30,31 /Y	VO	1.0	GASENG RP@7	7	G
^a 8766060	^a GAS ENGN SERV 6 Gasoline Engine Service 6/Level 2	9-12,30,31 /Y	VO	1.0	GASENG RP@7	7	G
^a 8766070	^a GAS ENGN SERV 7 Gasoline Engine Service 7/Level 2	9-12,30,31 /Y	VO	1.0	GASENG RP@7	7	G
^a 8766080	^a GAS ENGN SERV 8 Gasoline Engine Service 8/Level 2	9-12,30,31 /Y	VO	1.0	GASENG RP@7	7	G
9503100	GLOB LOG & SUP CH TE Global Logistics and Supply Chain Technology	9-12,30,31 /					
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	9-12 /Y	PA	1.0	ACCTING @7	7	G
					BANK FINC@7	7	G
					BUS ED 1 @2		
					COMM ART @7	7	G
					COMP PROG 7		G
					COMPU SCI 6		
					CYBER TECH7		G
					INFO TECH 7		G
					MANAG SUPV7		G
					MKTG 1 @2		
					MKTG MGMT 7		G
					WEB DEV 7		G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
9503110	GLOB LOG & SUP CH TE Global Logistics and Supply Chain Technology/Level 3	9-12,30,31 /	VO	1.0	BUS ED 1 LOG TECH 7 G
9503120	INTRO TO IT APPS Introduction to Information Technology Applications/Level 3	9-12,30,31 /	VO	1.0	BUS ED 1 LOG TECH 7 G
9503130	GLOB LOG OPS Global Logistics Operations/Level 3	9-12,30,31 /	VO	1.0	BUS ED 1 LOG TECH 7 G
9503140	GLOB LOG MGMT Global Logistics Management/Level 3	9-12,30,31 /	VO	1.0	BUS ED 1 LOG TECH 7 G
T300100	GLOB LOG & SUP CH TE Global Logistics and Supply Chain Technology	30,31 /			
TRA0180	PACKER Packer	9-12,30,31 /Y	VO	1.0	BUS ED 1 LOG TECH 7 G
TRA0181	MATERIAL HANDLER Material Handler	9-12,30,31 /Y	VO	1.0	BUS ED 1 LOG TECH 7 G
OTA0040	INFO TECH ASSISTANT Information Technology Assistant	9-12,30,31 /Y	PA	1.0	ACCTING @7 7 G ADMIN ASST7 G BUS ED 1 @2 COMM ART @7 7 G COMP PROG 7 G COMPU SCI 6 INFO TECH 7 G MANAG SUPV7 G
TRA0182	SHIP,REC,TRF CLERK Shipping, Receiving and Traffic Clerk	9-12,30,31 /Y	VO	1.0	BUS ED 1 LOG TECH 7 G
TRA0183	LOGISTICS TECH Logistics Technician	9-12,30,31 /Y	VO	1.0	BUS ED 1 LOG TECH 7 G
^a I470302	^a HVY EQUIPMENT MECH Heavy Equipment Mechanics	30,31 /			
DIM0101	DSL ENGN MEC/TEC HLP Diesel Engine Mechanic/Technician Helper	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 7 G
DIM0102	DSL ELEC & ELECT TEC Diesel Electrical and Electronics Technician	9-12,30,31 /Y	VO	2.0	DIESEL ME@7 7 G
DIM0103	DSL ENG PREV MAINT Diesel Engine Preventative Maintenance Technician	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 7 G

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	REQUIREMENTS	CREDIT	CERTIFICATION
DIM0104	DIESEL ENGINE TECH Diesel Engine Technician	9-12,30,31 /Y	VO	2.0	DIESEL ME@7 7 G
DIM0105	DIESEL BRAKES TECH Diesel Brakes Technician	9-12,30,31 /Y	VO	2.0	DIESEL ME@7 7 G
DIM0106	DSL HEAT & AC TECH Diesel Heating and Air Conditioning Technician	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 7 G
DIM0107	DSL STEER & SUSP TEC Diesel Steering and Suspension Technician	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 7 G
DIM0108	DSL DRIVETRAIN TECH Diesel Drivetrain Technician	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 7 G
DIM0110	DIESEL POWER TR TECH Diesel Power Train Technician	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 7 G
^a I490202	^a HEAVY EQUIPMENT OP Heavy Equipment Operation	30,31 /			
TRA0070	HVY EQUIP MAINT TECH Heavy Equipment Maintenance Technician	9-12,30,31 /Y	VO	1.0	OPER ENGR@7 7 G
TRA0086	TRACTOR OPERATOR Tractor Operator	9-12,30,31 /Y	VO	1.0	OPER ENGR@7 7 G
TRA0087	OFFRD EQUIP OP 1 Offroad Equipment Operator 1	9-12,30,31 /Y	VO	2.0	OPER ENGR@7 7 G
TRA0088	OFFRD EQUIP OP 2 Offroad Equipment Operator 2	9-12,30,31 /Y	VO	2.0	OPER ENGR@7 7 G
TRA0049	CRANE OPERATOR Crane Operator	9-12,30,31 /Y	VO	2.0	OPER ENGR@7 7 G
T440200	HEAVY EQ OPS TECH Heavy Equipment Operations Technician	30,31 /			
TRA0070	HVY EQUIP MAINT TECH Heavy Equipment Maintenance Technician	9-12,30,31 /Y	VO	1.0	OPER ENGR@7 7 G
TRA0086	TRACTOR OPERATOR Tractor Operator	9-12,30,31 /Y	VO	1.0	OPER ENGR@7 7 G
TRA0087	OFFRD EQUIP OP 1 Offroad Equipment Operator 1	9-12,30,31 /Y	VO	2.0	OPER ENGR@7 7 G
TRA0088	OFFRD EQUIP OP 2 Offroad Equipment Operator 2	9-12,30,31 /Y	VO	2.0	OPER ENGR@7 7 G

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS		CREDIT	CERTIFICATION		
TRA0049	CRANE OPERATOR Crane Operator	9-12,30,31 /Y	VO		2.0	OPER ENGR@7	7	G
T440100	HVY EQ SERVICE TECH Heavy Equipment Service Technician	30,31 /						
DIM0101	DSL ENGN MEC/TEC HLP Diesel Engine Mechanic/Technician Helper	9-12,30,31 /Y	VO		1.0	DIESEL ME@7	7	G
DIM0102	DSL ELEC & ELECT TEC Diesel Electrical and Electronics Technician	9-12,30,31 /Y	VO		2.0	DIESEL ME@7	7	G
DIM0103	DSL ENG PREV MAINT Diesel Engine Preventative Maintenance Technician	9-12,30,31 /Y	VO		1.0	DIESEL ME@7	7	G
DIM0104	DIESEL ENGINE TECH Diesel Engine Technician	9-12,30,31 /Y	VO		2.0	DIESEL ME@7	7	G
DIM0130	DIESEL BRAKES/FLUID Diesel Brakes/Fluid Technician	9-12,30,31 /Y	VO		2.0	DIESEL ME@7	7	G
DIM0106	DSL HEAT & AC TECH Diesel Heating and Air Conditioning Technician	9-12,30,31 /Y	VO		1.0	DIESEL ME@7	7	G
DIM0107	DSL STEER & SUSP TEC Diesel Steering and Suspension Technician	9-12,30,31 /Y	VO		1.0	DIESEL ME@7	7	G
DIM0108	DSL DRIVETRAIN TECH Diesel Drivetrain Technician	9-12,30,31 /Y	VO		1.0	DIESEL ME@7	7	G
DIM0110	DIESEL POWER TR TECH Diesel Power Train Technician	9-12,30,31 /Y	VO		1.0	DIESEL ME@7	7	G
T400210	MARINE SERVICE TECH Marine Service Technologies	30,31 /						
MTE0090	OUTBOARD ENGINE TECH Outboard Engine Technician	9-12,30,31 /Y	VO		2.0	DIESEL ME@7 GASENG RP@7	7 7	G G
MTE0074	OUTBOARD ENG DIAG Outboard Engine Diagnostics Technician	9-12,30,31 /Y	VO		1.0	DIESEL ME@7 GASENG RP@7	7 7	G G
MTE0092	INBOARD GAS ENG TECH Inboard Gas Engine Technician	9-12,30,31 /Y	VO		2.0	DIESEL ME@7 GASENG RP@7	7 7	G G
MTE0093	DRIVE TRAIN TECH Drive Train Technician	9-12,30,31 /Y	VO		1.0	DIESEL ME@7 GASENG RP@7	7 7	G G

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	REQUIREMENTS	CREDIT	CERTIFICATION				
^a 8751000	MARI SERV TECH Marine Service Technology	9-12,30,31 /							
8751010	MARI SERV 1 Marine Service 1/Level 2	9-12,30,31 /Y	VO	1.0	DIESEL GASENG	ME@7 RP@7	7 7	G G	
8751020	MARI SERV 2 Marine Service 2/Level 2	9-12,30,31 /Y	VO	1.0	DIESEL GASENG	ME@7 RP@7	7 7	G G	
8751030	MARI SERV 3 Marine Service 3/Level 2	9-12,30,31 /Y	VO	1.0	DIESEL GASENG	ME@7 RP@7	7 7	G G	
8751040	MARI SERV 4 Marine Service 4/Level 2	9-12,30,31 /Y	VO	1.0	DIESEL GASENG	ME@7 RP@7	7 7	G G	
8751050	MARI SERV 5 Marine Service 5/Level 2	9-12,30,31 /Y	VO	1.0	DIESEL GASENG	ME@7 RP@7	7 7	G G	
8751060	MARI SERV 6 Marine Service 6/Level 2	9-12,30,31 /Y	VO	1.0	DIESEL GASENG	ME@7 RP@7	7 7	G G	
8751070	MARI SERV 7 Marine Service 7/Level 2	9-12,30,31 /Y	VO	1.0	DIESEL GASENG	ME@7 RP@7	7 7	G G	
8751080	MARI SERV 8 Marine Service 8/Level 2	9-12,30,31 /Y	VO	1.0	DIESEL GASENG	ME@7 RP@7	7 7	G G	
8751090	MARINE SERVICE 9 Marine Service 9/Level 2	9-12,30,31 /Y	VO	1.0	DIESEL GASENG	ME@7 RP@7	7 7	G G	
^a 8742000	MED & HVY TRK&BUS TE Medium and Heavy Duty Truck and Bus Technician	9-12,30,31 /							
8742010	DIESEL ENGN SERV 1 Diesel Engine Service 1/Level 3	9-12,30,31 /Y	VO	1.0	DIESEL	ME@7	7	G	
^a 8742020	^a DIESEL ENGN SERV 2 Diesel Engine Service 2/Level 3	9-12,30,31 /Y	VO	1.0	DIESEL	ME@7	7	G	
^a 8742030	^a DIESEL ENGN SERV 3 Diesel Engine Service 3/Level 3	9-12,30,31 /Y	VO	1.0	DIESEL	ME@7	7	G	
^a 8742040	^a DIESEL ENGN SERV 4 Diesel Engine Service 4/Level 3	9-12,30,31 /Y	VO	1.0	DIESEL	ME@7	7	G	
^a 8742050	^a DIESEL ENGN SERV 5 Diesel Engine Service 5/Level 3	9-12,30,31 /Y	VO	1.0	DIESEL	ME@7	7	G	
^a 8742060	^a DIESEL ENGN SERV 6 Diesel Engine Service 6/Level 3	9-12,30,31 /Y	VO	1.0	DIESEL	ME@7	7	G	
^a 8742070	^a DIESEL ENGN SERV 7 Diesel Engine Service 7/Level 3	9-12,30,31 /Y	VO	1.0	DIESEL	ME@7	7	G	

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION		
^a 8742080	^a DIESEL ENGN SERV 8 Diesel Engine Service 8/Level 3	9-12,30,31 /Y	VO	1.0	DIESEL ME@7	7	G
^a 8742090	^a DIESEL ENGN SERV 9 Diesel Engine Service 9/Level 3	9-12,30,31 /Y	VO	1.0	DIESEL ME@7	7	G
^a 8742091	^a DIESEL ENGN SERV 10 Diesel Engine Service 10/Level 3	9-12,30,31 /Y	VO	1.0	DIESEL ME@7	7	G
^a 8742092	^a DIESEL ENGN SERV 11 Diesel Engine Service 11/Level 3	9-12,30,31 /Y	VO	1.0	DIESEL ME@7	7	G
^a 8742093	^a DIESEL ENGN SERV 12 Diesel Engine Service 12/Level 3	9-12,30,31 /Y	VO	1.0	DIESEL ME@7	7	G
9540400	MOBILE ELECT TECH Mobile Electronics Technology	9-12,30,31 /					
9540410	MOBILE ELECT TECH 1 Mobile Electronics Technology 1/ Level 2	9-12,30,31 /	VO	1.0	AUTO MECH@7 COMP SVC 7 ELECTRONI@7	7 G 7 G	G
9540420	MOBILE ELECT TECH 2 Mobile Electronics Technology 2/ Level 2	9-12,30,31 /	VO	1.0	AUTO MECH@7 COMP SVC 7 ELECTRONI@7	7 G 7 G	G
9540500	MOTORCYCLE SERV TECH Motorcycle Service Technologies	9-12,30,31 /					
8766110	MOTORCYCLE SERV 1 Motorcycle Service 1/Level 2	9-12,30,31 /Y	VO	1.0	MOTORCYCL@7	7	G
8766120	MOTORCYCLE SERV 2 Motorcycle Service 2/Level 2	9-12,30,31 /Y	VO	1.0	MOTORCYCL@7	7	G
8766130	MOTORCYCLE SERV 3 Motorcycle Service 3/Level 2	9-12,30,31 /Y	VO	1.0	MOTORCYCL@7	7	G
8766140	MOTORCYCLE SERV 4 Motorcycle Service 4/Level 2	9-12,30,31 /Y	VO	1.0	MOTORCYCL@7	7	G
8766150	MOTORCYCLE SERV 5 Motorcycle Service 5/Level 2	9-12,30,31 /Y	VO	1.0	MOTORCYCL@7	7	G
8766160	MOTORCYCLE SERV 6 Motorcycle Service 6/Level 2	9-12,30,31 /Y	VO	1.0	MOTORCYCL@7	7	G
8766170	MOTORCYCLE SERV 7 Motorcycle Service 7/Level 2	9-12,30,31 /Y	VO	1.0	MOTORCYCL@7	7	G
8766180	MOTORCYCLE SERV 8 Motorcycle Service 8/Level 2	9-12,30,31 /Y	VO	1.0	MOTORCYCL@7	7	G

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	REQUIREMENTS	CREDIT	CERTIFICATION		
^a 8766100	MOTORCYCLE SERV TECH Motorcycle Service Technology	9-12,30,31 /					
8766110	MOTORCYCLE SERV 1 Motorcycle Service 1/Level 2	9-12,30,31 /Y	VO	1.0	MOTORCYCL@7	7	G
8766120	MOTORCYCLE SERV 2 Motorcycle Service 2/Level 2	9-12,30,31 /Y	VO	1.0	MOTORCYCL@7	7	G
8766130	MOTORCYCLE SERV 3 Motorcycle Service 3/Level 2	9-12,30,31 /Y	VO	1.0	MOTORCYCL@7	7	G
8766140	MOTORCYCLE SERV 4 Motorcycle Service 4/Level 2	9-12,30,31 /Y	VO	1.0	MOTORCYCL@7	7	G
8766150	MOTORCYCLE SERV 5 Motorcycle Service 5/Level 2	9-12,30,31 /Y	VO	1.0	MOTORCYCL@7	7	G
8766160	MOTORCYCLE SERV 6 Motorcycle Service 6/Level 2	9-12,30,31 /Y	VO	1.0	MOTORCYCL@7	7	G
8766170	MOTORCYCLE SERV 7 Motorcycle Service 7/Level 2	9-12,30,31 /Y	VO	1.0	MOTORCYCL@7	7	G
8766180	MOTORCYCLE SERV 8 Motorcycle Service 8/Level 2	9-12,30,31 /Y	VO	1.0	MOTORCYCL@7	7	G
^a 8766190	^a MOTORCYCLE SERV 9 Motorcycle Service 9/Level 2	9-12,30,31 /Y	VO	1.0	MOTORCYCL@7	7	G
^a 8766200	^a MOTORCYCLE SERV 10 Motorcycle Service 10/Level 2	9-12,30,31 /Y	VO	1.0	MOTORCYCL@7	7	G
9504200	OUTBOARD MARINE SER Outboard Marine Service Technology	9-12,30,31 /					
9504210	OUTBOARD MARINE 1 Outboard Marine Service 1/Level 3	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 GASENG RP@7	7 7	G G
9504220	OUTBOARD MARINE 2 Outboard Marine Service 2/Level 3	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 GASENG RP@7	7 7	G G
9504230	OUTBOARD MARINE 3 Outboard Marine Service 3/Level 3	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 GASENG RP@7	7 7	G G
9504240	OUTBOARD MARINE 4 Outboard Marine Service 4/Level 3	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 GASENG RP@7	7 7	G G
9504250	ADV MARINE TECH 1 Advanced Marine Technology 1/Level 3	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 GASENG RP@7	7 7	G G
9504260	ADV MARINE TECH 2 Advanced Marine Technology 2/Level 3	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 GASENG RP@7	7 7	G G

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION		
9504270	OUTBOARD MARINE CAP Outboard Marine Service Capstone/ Level 3	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 7 G GASENG RP@7 7 G		
T410300	POWER EQUIPMENT TECH Power Equipment Technologies	30,31 /					
SER0080	POWER EQUIP SRV TEC1 Power Equipment Service Technician 1	9-12,30,31 /Y	VO	2.0	GASENG RP@7 7 G		
SER0081	POWER EQUIP SRV TEC2 Power Equipment Service Technician 2	9-12,30,31 /Y	VO	2.0	GASENG RP@7 7 G		
SER0082	POWER EQUIP SRV TEC3 Power Equipment Service Technician 3	9-12,30,31 /Y	VO	2.0	GASENG RP@7 7 G		
9504500	POWER EQUIPMENT TECH Power Equipment Technology	9-12,30,31 /					
9504510	POWER & EQUIP TECH 1 Power and Equipment Technology 1/ Level 3	9-12,30,31 /Y	VO	1.0	GASENG RP@7 7 G		
9504520	POWER & EQUIP TECH 2 Power and Equipment Technology 2/ Level 3	9-12,30,31 /Y	VO	1.0	GASENG RP@7 7 G		
9504530	POWER & EQUIP TECH 3 Power and Equipment Technology 3/ Level 3	9-12,30,31 /Y	VO	1.0	GASENG RP@7 7 G		
9504540	POWER & EQUIP TECH 4 Power and Equipment Technology 4/ Level 3	9-12,30,31 /Y	VO	1.0	GASENG RP@7 7 G		
9504550	POWER & EQUIP TECH 5 Power and Equipment Technology 5/ Level 3	9-12,30,31 /Y	VO	1.0	GASENG RP@7 7 G		
9504560	POWER & EQUIP TECH 6 Power and Equipment Technology 6/ Level 3	9-12,30,31 /Y	VO	1.0	GASENG RP@7 7 G		
T660100	TRANSIT TECHNICIAN 1 Transit Technician 1	30,31 /					
DIM0810	TRANSIT EQUIP PREV Transit Equipment Preventative Maintenance Technician	9-12,30,31 /Y	VO	1.5	DIESEL ME@7 7 G		
DIM0811	TRANSIT BASIC ELEC Transit Basic Electrical Systems Technician	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 7 G		

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	REQUIREMENTS	CREDIT	CERTIFICATION
DIM0812	TRANSIT WHEELCHAIR Transit Wheelchair Lift/Ramp Technician	9-12,30,31 /Y	VO	0.5	DIESEL ME@7 7 G
DIM0813	TRANSIT DSL ENG PREV Transit Diesel Engine Preventative Maintenance Technician	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 7 G
DIM0814	TRANSIT STEER & SUSP Transit Steering and Suspension Technician	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 7 G
T660200	TRANSIT TECHNICIAN 2 Transit Technician 2	30,31 /			
DIM0820	TRANSIT HYDR TECH Transit Hydraulics Technician	9-12,30,31 /Y	VO	0.5	DIESEL ME@7 7 G
DIM0821	TRANSIT DIESEL ELEC Transit Diesel Electrical and Diesel Engine Electronics Technician	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 7 G
DIM0822	TRANSIT DRIVETRAIN Transit Drivetrain Technician	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 7 G
DIM0823	TRANSIT INTM ELEC Transit Intermediate Electrical Systems Technician	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 7 G
DIM0824	TRANSIT BRAKES/AIR Transit Brakes/Air System Technician	9-12,30,31 /Y	VO	1.5	DIESEL ME@7 7 G
T660300	TRANSIT TECHNICIAN 3 Transit Technician 3	30,31 /			
DIM0830	TRANSIT ALT FUELS Transit Alternate Fuels System Technician	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 7 G
DIM0831	TRANSIT ADV ELEC SYS Transit Advanced Electrical Systems Technician	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 7 G
DIM0832	TRANSIT HEAT & AIR Transit Heating and Air-Conditioning Technician	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 7 G
DIM0833	TRANS DIAG, REBUILD Transmission Diagnosis, Rebuild and Repair Technician	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 7 G
DIM0834	DSL ENG DIAG, REBLD Diesel Engine Diagnosis, Rebuild and Repair Technician	9-12,30,31 /Y	VO	1.0	DIESEL ME@7 7 G

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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9505100	UAS OPERATIONS Unmanned Aircraft Systems (UAS) Operations	9-12,30,31 /			
9540610	PRIVATE PILOT GROUND Private Pilot Ground School/Level 3	9-12,30,31 /	VO	1.0	AIR MECH @7 7 G AVIONICS @7 7 G AEROSPACE 7 G ENG TEC 7 G ENG&TEC ED1 @2
9505110	UAS OPERATIONS 1 UAS Operations 1/Level 3	9-12,30,31 /	VO	1.0	AIR MECH @7 7 G AVIONICS @7 7 G AEROSPACE 7 G ENG TEC 7 G ENG&TEC ED1 @2
9505120	UAS OPERATIONS 2 UAS Operations 2/Level 3	9-12,30,31 /	VO	1.0	AIR MECH @7 7 G AVIONICS @7 7 G AEROSPACE 7 G ENG TEC 7 G ENG&TEC ED1 @2
9505130	UAS OPERATIONS 3 UAS Operations 3/Level 3	9-12,30,31 /	VO	1.0	AIR MECH @7 7 G AVIONICS @7 7 G AEROSPACE 7 G ENG TEC 7 G ENG&TEC ED1 @2

TRANS SYS/INFRASTRUCTURE PLAN, MGMT & REGS PATH (TRPE)

I490251	CMCL CLASS B DRIVING Commercial Class B Driving	30,31 /			
TRA0084	TRUCK DRIV HVY FL"B" Truck Driver Heavy Florida Class "B"	9-12,30,31 /Y	VO	1.0	COMM DRIV@7 7 G
8751200	COMMERCIAL FISHING Commercial Fishing	9-12,30,31 /			
8751210	COMM FISH 1 Commercial Fishing 1/Level 2	9-12,30,31 /Y	VO	1.0	COMM FISH 7 G
8751220	COMM FISH 2 Commercial Fishing 2/Level 2	9-12,30,31 /Y	VO	1.0	COMM FISH 7 G
8751230	COMM FISH 3 Commercial Fishing 3/Level 2	9-12,30,31 /Y	VO	1.0	COMM FISH 7 G
8751240	COMM FISH 4 Commercial Fishing 4/Level 2	9-12,30,31 /Y	VO	1.0	COMM FISH 7 G
8751250	COMM FISH 5 Commercial Fishing 5/Level 2	9-12,30,31 /Y	VO	1.0	COMM FISH 7 G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
I490205	CMCL VEHICLE DRIVING Commercial Vehicle Driving	30,31	/		
TRA0080	TRACTOR TRAIL TRK DR Tractor Trailer Truck Driver	9-12,30,31	/Y VO	2.0	COMM DRIV@7 7 G
SUPPLEMENTAL PROGRAMS					

9590400	FUND OF TRANSPORT Fundamentals of Transportation	6-8	/S		AEROSPACE 7 G AIR MECH @7 7 G AUTO MECH @7 7 G DIESEL MECH @7 7 G GASENG RPR @7 7 G LOG TECH 7 G ENG&TEC ED 1 @2 TRANSPORT 7 G
9590350	INTRO TO TRANSPORT Introduction to Transportation, Distribution and Logistics	6-8	/S		AEROSPACE 7 G AIR MECH @7 7 G AUTO MECH @7 7 G DIESEL MECH @7 7 G GASENG RPR @7 7 G LOG TECH 7 G ENG&TEC ED 1 @2 TRANSPORT 7 G
9590360	INTRO TO TRANS & CP Introduction to Transportation, Distribution and Logistics and Career Planning	6-8	/S		AEROSPACE 7 G AIR MECH 7 G AUTO MECH @7 7 G DIESEL MECH @7 7 G GASENG RPR @7 7 G LOG TECH 7 G ENG&TEC ED 1 @2 TRANSPORT 7 G
9500420	TRANSPORTATION OJT Transportation, Distribution and Logistics Cooperative Education OJT	9-12,30,31	/M VO	MULTIPLE	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
9501000	TRANSPORT DIR ST Transportation, Distribution and Logistics Directed Study	1112,30,31	/M VO	MULTIPLE	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
APPRENTICESHIP PROGRAMS					

I47060R	AUTO COLL RPR&REF-AP Automotive Collision Repair and Refinishing - Apprenticeship	30,31	/		
I47061R	AUTO SERV TECH-APPR Automotive Service Technology- Apprenticeship	30,31	/		
I47030R	HVY EQUIP MECH -APPR Heavy Equipment Mechanics - Apprenticeship	30,31	/		
I49020R	HVY EQUIP OP-APPR Heavy Equipment Operation - Apprenticeship	30,31	/		

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS		CREDIT	CERTIFICATION
----- ADDITIONAL CAREER AND TECHNICAL EDUCATION PROGRAMS/COURSES -----						
----- DIVERSIFIED -----						
D886700	C & T REL BAS SKILL Career and Technical Related Basis Skills	30,31 /				ANY VOCATIONAL FIELD OR COVERAGE ENGLISH 1 @4 MATH 1 @4 MG ENG C MG MATH C PHYSICS 1 @4 SCIENCE @4
8300420	COOP DIV ED-OJT Cooperative Diversified Education-OJT/Level 2	9-12,30,31 /M	VO	MULTIPLE		ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER ANY VOCATIONAL FIELD OR COVERAGE COOR DCT @4 @7 COOP TEACH @7 COOR WK EX @7 7 G MKTG 1 @2
8303000	DIV CAR TECH Diversified Career Technology	9-12,30,31 /				
8303010	DIV CAR TECH PRIN Diversified Career Technology Principles/Level 2	9-12,30,31 /M	VO	MULTIPLE		ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER ANY VOCATIONAL FIELD OR COVERAGE COOP TEAC@7 COOR DCT @4 @7 COOR WK E@7 7 G MKTG 1 @2
8300410	DIV CAR TECH-OJT Diversified Career Technology - OJT /Level 2	9-12,30,31 /M	VO	MULTIPLE		COOP TEAC@7 ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER ANY VOCATIONAL FIELD OR COVERAGE COOR DCT @4 @7 COOR WK E@7 7 G MKTG 1 @2
8303020	DIV CAR TECH APPL Diversified Career Technology Applications/Level 2	9-12,30,31 /M	VO	MULTIPLE		ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER ANY VOCATIONAL FIELD OR COVERAGE COOP TEAC@7 COOR DCT @4 @7 COOR WK E@7 7 G MKTG 1 @2
8303030	DIV CAR TECH MGMT Diversified Career Technology Management/Level 2	9-12,30,31 /M	VO	MULTIPLE		ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER ANY VOCATIONAL FIELD OR COVERAGE COOP TEAC@7 COOR DCT @4 @7 COOR WK E@7 7 G MKTG 1 @2
8300100	DIV ED DIR STUDY Diversified Education Directed Study /Level 2	11-12,30,31/M	VO	MULTIPLE		ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER ANY VOCATIONAL FIELD OR COVERAGE
9100210	EX CAR&TECH OCCS Exploration of Career and Technical Occupations	6-8 /S				ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER ANY VOCATIONAL FIELD OR COVERAGE COOR WK EX @7 7 G

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8300430	^a GUIDED WKPL LEARN @CTE INTERNSHIP ^a Guided Workplace Learning (Internship)/Level 2 @Career and Technical Education Internship	9-12,30,31 /M	VO	MULTIPLE	ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER ANY VOCATIONAL FIELD OR COVERAGE
9100310	ORIEN CAR& TECH OCCS Orientation to Career and Technical Occupations	6-8 /S			ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER ANY VOCATIONAL FIELD OR COVERAGE
9100110	OR CAR&TEC OCCS & CP Orientation to Career and Technical Occupations and Career Planning	6-8 /S			ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER ANY VOCATIONAL FIELD OR COVERAGE
^a 8300320	^a PRACTICAL ARTS GEN Practical Arts General/Level 2	9-12,30,31 /Y	VO	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER ANY VOCATIONAL FIELD OR COVERAGE
8301600	WORK EXPERIENCE Work Experience	9-12,30,31 /			
8301610	WORK EXPERIENCE 1 Work Experience 1/Level 2	7-12,30,31 /Y	VO	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER COOR WK E@7
8301620	WORK EXPERIENCE 2 Work Experience 2/Level 2	7-12,30,31 /Y	VO	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER COOR WK E@7
8301630	WORK EXPERIENCE 3 Work Experience 3/Level 2	7-12,30,31 /Y	VO	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER COOR WK E@7
8301640	WORK EXPERIENCE 4 Work Experience 4/Level 2	7-12,30,31 /Y	VO	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER COOR WK E@7
8301650	WORK EXPERIENCE-OJT Work Experience-OJT/Level 2	7-12,30,31 /M	VO	MULTIPLE	ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER COOR WK E@7
8300310	WKPL ESSENTIALS Workplace Essentials/Level 2	9-12,30,31 /S	VO	0.5	ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER ANY VOCATIONAL FIELD OR COVERAGE COOR WK EX @7
8300330	WKPL TECH APPL Workplace Technology Applications/ Level 2	9-12,30,31 /S	VO	0.5	ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER ANY VOCATIONAL FIELD OR COVERAGE COOR WK EX @7
----- INSTRUCTIONAL SUPPORT SERVICES (SPECIAL NEEDS) -----					
^a 9001810	^a CAR ED STUS DISAB Career Education for Students With Disabilities	6-12,30,31 /M	VO	MULTIPLE	ANY VOCATIONAL FIELD OR COVERAGE
^a S990002	CAR ED STUS DISAB Career Education for Students with Disabilities	30,31 /			
^a SLS0051	TRAIN RELATED OCCS 1 Training Related Occupations 1	9-12,30,31 /Y	VO	MULTIPLE	ANY VOCATIONAL FIELD OR COVERAGE
^a SLS0052	TRAIN RELATED OCCS 2 Training Related Occupations 2	9-12,30,31 /Y	VO	MULTIPLE	ANY VOCATIONAL FIELD OR COVERAGE

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS		CREDIT	CERTIFICATION
9603100	CAR ED SERVICES SWD Career Education Services for Students With Disabilities	6-12,30,31 /M				
9603110	CAR ED SERVICES SWD1 Career Education Services for Students With Disabilities 1	6-12,30,31 /M	VO	1.0	ANY VOCATIONAL FIELD OR COVERAGE	
9603120	CAR ED SERVICES SWD2 Career Education Services for Students With Disabilities 2	6-12,30,31 /M	VO	1.0	ANY VOCATIONAL FIELD OR COVERAGE	
9603130	CAR ED SERVICES SWD3 Career Education Services for Students With Disabilities 3	6-12,30,31 /M	VO	1.0	ANY VOCATIONAL FIELD OR COVERAGE	
9603140	CAR ED SERVICES SWD4 Career Education Services for Students With Disabilities 4	6-12,30,31 /M	VO	1.0	ANY VOCATIONAL FIELD OR COVERAGE	
9603150	CAR ED SERVICES SWD5 Career Education Services for Students With Disabilities 5	6-12,30,31 /M	VO	1.0	ANY VOCATIONAL FIELD OR COVERAGE	
9603160	CAR ED SERVICES SWD6 Career Education Services for Students With Disabilities 6	6-12,30,31 /M	VO	1.0	ANY VOCATIONAL FIELD OR COVERAGE	
9603170	CAR ED SERVICES SWD7 Career Education Services for Students With Disabilities 7	6-12,30,31 /M	VO	1.0	ANY VOCATIONAL FIELD OR COVERAGE	
9603180	CAR ED SERVICES SWD8 Career Education Services for Students With Disabilities 8	6-12,30,31 /M	VO	1.0	ANY VOCATIONAL FIELD OR COVERAGE	
S990006	SPEC CAREER ED, ADV Specialized Career Education, Advanced	30,31 /				
SLS0463	SPEC CAREER ED ADV1 Specialized Career Education, Advanced 1	9-12,30,31 /Y	VO	1.0	ANY VOCATIONAL FIELD OR COVERAGE	
SLS0464	SPEC CAREER ED ADV2 Specialized Career Education, Advanced 2	9-12,30,31 /Y	VO	1.0	ANY VOCATIONAL FIELD OR COVERAGE	
SLS0944	SPEC CAREER ED INTER Specialized Career Education, Internship	9-12,30,31 /Y	VO	1.0	ANY VOCATIONAL FIELD OR COVERAGE	

SECTION 5

CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS		CREDIT	CERTIFICATION
S990005	SPEC CAREER ED,BASIC Specialized Career Education, Basic	30,31	/			
SLS0460	SPEC CAREER ED B1 Specialized Career Education, Basic 1	9-12,30,31	/Y	VO	1.0	ANY VOCATIONAL FIELD OR COVERAGE
SLS0461	SPEC CAREER ED B2 Specialized Career Education, Basic 2	9-12,30,31	/Y	VO	1.0	ANY VOCATIONAL FIELD OR COVERAGE
SLS0462	SPEC CAREER ED B3 Specialized Career Education, Basic 3	9-12,30,31	/Y	VO	1.0	ANY VOCATIONAL FIELD OR COVERAGE
9001920	VOC/EMP SKLS/YOUTH Vocational Employability Skills for Youth	6-12,30,31	/M	VO	0.5	ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER ANY VOCATIONAL FIELD OR COVERAGE
9001820	VOC/EMP SKLS/YOU &CP Vocational Employability Skills for Youth and Career Planning	6-12,30,31	/M	VO	0.5	ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER ANY VOCATIONAL FIELD OR COVERAGE
OTHER CAREER AND TECHNICAL EDUCATION PROGRAMS						

E91010A	CWE - AG, FOOD & NR Continuing Workforce Education - Agriculture, Food & Natural Resources	30,31	/M			
E91010C	CWE - ARCH & CONST Continuing Workforce Education - Architecture and Construction	30,31	/M			
E91010K	CWE - ARTS & A/V Continuing Workforce Education - Arts, A/V Technology & Communication	30,31	/M			
E91010B	CWE - BUS, MGMT & AD Continuing Workforce Education - Business, Management & Administration	30,31	/M			
E91010E	CWE - ED & TRAINING Continuing Workforce Education - Education and Training	30,31	/M			
E91010X	CWE - ENERGY Continuing Workforce Education - Energy	30,31	/M			
E91010S	CWE - ENG & TECH Continuing Workforce Education - Engineering and Technology	30,31	/M			
E91010F	CWE - FINANCE Continuing Workforce Education - Finance	30,31	/M			
E91010G	CWE - GOV'T & P.A. Continuing Workforce Education - Government and Public Administration	30,31	/M			
E91010H	CWE - HEALTH SCIENCE Continuing Workforce Education - Health Science	30,31	/M			

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
E91010N	CWE - HOSP & TOURISM Continuing Workforce Education - Hospitality and Tourism	30,31	/M		
E91010D	CWE - HUMAN SERVICES Continuing Workforce Education - Human Services	30,31	/M		
E91010Y	CWE - INFO TECH Continuing Workforce Education - Information Technology	30,31	/M		
E91010L	CWE - LAW, PS & SER Continuing Workforce Education - Law, Public Safety and Service	30,31	/M		
E91010J	CWE - MANUFACTURING Continuing Workforce Education - Manufacturing	30,31	/M		
E91010M	CWE - MKT, S & S Continuing Workforce Education - Marketing Sales and Services	30,31	/M		
E91010T	CWE - TRANSPORTATION Continuing Workforce Education- Transportation, Distribution & Logistic	30,31	/M		
8000100	PRE-APPR Pre-Apprenticeship	9-12,30,31	/ VO		
8000110	PRE-APPR 1 Pre-Apprenticeship 1	9-12,30,31	/Y VO	1.0	ANY VOCATIONAL FIELD OR COVERAGE
8000120	PRE-APPR 2 Pre-Apprenticeship 2	9-12,30,31	/Y VO	1.0	ANY VOCATIONAL FIELD OR COVERAGE
8000130	PRE-APPR 3 Pre-Apprenticeship 3	9-12,30,31	/Y VO	1.0	ANY VOCATIONAL FIELD OR COVERAGE
8000140	PRE-APPR 4 Pre-Apprenticeship 4	9-12,30,31	/Y VO	1.0	ANY VOCATIONAL FIELD OR COVERAGE
8000150	PRE-APPR 5 Pre-Apprenticeship 5	9-12,30,31	/Y VO	1.0	ANY VOCATIONAL FIELD OR COVERAGE
8000160	PRE-APPR 6 Pre-Apprenticeship 6	9-12,30,31	/Y VO	1.0	ANY VOCATIONAL FIELD OR COVERAGE
E92010R	PRE-APPR - APPR Pre-Apprenticeship - Apprenticeship	30,31	/		
SLS0314	PRE-APPRENTICE I Pre-Apprenticeship I	9-12,30,31	/Y VO	3.0	ANY VOCATIONAL FIELD OR COVERAGE
SLS0315	PRE-APPRENTICE II Pre-Apprenticeship II	9-12,30,31	/Y VO	3.0	ANY VOCATIONAL FIELD OR COVERAGE
8000200	H.S. PRE-APPRENTICE High School Pre-Apprenticeship	10-12	/		
8000110	PRE-APPR 1 Pre-Apprenticeship 1	9-12,30,31	/Y VO	1.0	ANY VOCATIONAL FIELD OR COVERAGE
8000120	PRE-APPR 2 Pre-Apprenticeship 2	9-12,30,31	/Y VO	1.0	ANY VOCATIONAL FIELD OR COVERAGE
8000130	PRE-APPR 3 Pre-Apprenticeship 3	9-12,30,31	/Y VO	1.0	ANY VOCATIONAL FIELD OR COVERAGE

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT	CERTIFICATION
			GRADUATION REQUIREMENTS			
8000300	H.S. APPRENTICE High School Apprenticeship	10-12 /				
8000310	APPRENTICESHIP 1 Apprenticeship 1	9-12,30,31 /Y	VO	1.0	ANY VOCATIONAL FIELD OR COVERAGE	
8000320	APPRENTICESHIP 2 Apprenticeship 2	9-12,30,31 /Y	VO	1.0	ANY VOCATIONAL FIELD OR COVERAGE	
8000330	APPRENTICESHIP 3 Apprenticeship 3	9-12,30,31 /Y	VO	1.0	ANY VOCATIONAL FIELD OR COVERAGE	
▣A01051R	SRV ANIMAL TRAIN-APP Service Animal Trainer- Apprenticeship	30,31 / Y				
▣T64010R	AVIATION STRUCTURES Aviation Structures & Assembly Technician - Apprenticeship	30,31 / Y				

MIDDLE SCHOOL PROGRAMS

8000400	OR TO CAREER CLUST Orientation to Career Clusters	6-8	/S		ANY VOCATIONAL FIELD OR COVERAGE	
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