

Section 5: Career and Technical Education (CTE)

Career Path, Program and Course Listings

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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	COURSES MEETING SUBJECT AREA		CREDIT	CERTIFICATION
			REQUIREMENTS	GRADUATION		
AGRICULTURE, FOOD & NATURAL RESOURCES CAREER PATH						

FOOD PRODUCTS & PROCESSING SYSTEMS CAREER PATH (AGPA)						

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

PLANT SYSTEMS CAREER PATH (AGPB)						

A120200	ADV FLORAL DSN & MGM Advanced Floral Design and Management	30, 31 /			AGRICULTUR 1 @2 RETAILING @7 7 G	MKTG 1
ORH0044	ADV FLORAL DESIGN Advanced Floral Design	/Y	VO	2.0		
ORH0614	ADV FLORAL SALES Advanced Floral Sales	/Y	VO	1.0		
ORH0624	ADV FLORAL SHOP MGR Advanced Floral Shop Manager	/Y	VO	1.0		
8012100	FLORAL DESIGN & MKT Floral Design and Marketing	9- 12, 30, 31 /			AGRICULTUR 1 @2 RETAILING @7 7 G	MKTG 1
8012110	INTRO FLORAL DESIGN Introductory Floral Design/Level 2	/Y	PA	1.0		
8012120	FLORAL DESIGN 2 Floral Design 2/Level 2	/Y	PA	1.0		
8012130	FLORAL DSN & MKT Floral Design and Marketing Services 3/Level 2	/Y	PA	1.0		
8012140	FLORAL DSN & MGMT Floral Design and Management 4/Level 2	/Y	PA	1.0		
A120100	FLORAL DESIGN & MKT Floral Design and Marketing	30, 31 /			AGRICULTUR 1 @2 RETAILING @7 7 G	MKTG 1
ORH0042	INTRO TO FLORAL DSN Introduction to Floral Design	/Y	PA	1.0		
ORH0043	FLORAL DESIGN Floral Design	/Y	PA	1.0		
ORH0612	FLORAL RETAIL S & S Floral Retail Sales and Services	/Y	PA	1.0		
ORH0622	FLORAL DESIGN & MGMT Floral Design and Management	/Y	PA	1.0		
8121600	HORT SCIENCE & SERS Horticulture Science & Services	9- 12, 30, 31 /			AGRICULTUR 1 @2	HORTICULT #7
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3	/Y	EQ	1.0		

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
			REQUIREMENTS	GRADUATION		
8121510	INTRO HORTICULTURE 2 Introductory Horticulture 2/Level 3	/Y	PA		1.0	
8121520	HORTICULTURAL SCI 3 Horticultural Science 3/Level 3	/Y	PA		1.0	
8121610	HORT SCI & SERS 4 Horticulture Science and Services 4 /Level 2	/Y	VO		1.0	
8121620	HORT SCI & SERS 5 Horticulture Science and Services 5 /Level 2	/Y	VO		1.0	
8121630	HORT SCI & SERS 6 Horticulture Science and Services 6 /Level 2	/Y	VO		1.0	
A200100	LANDSCAPE & TURF MGM Landscape & Turf Management	30, 31	/			AGRICULTUR 1 @2 HORTICULT @7
ORH0862	NURSERY WORKERS Nursery Workers	/Y	VO		2.0	
ORH0802	LANDSCAPE & GROUNDS Landscape & Grounds keeping	/Y	VO		3.0	
ORH0803	LAND & GROUNDS SUPER Landscape & Grounds keeping Supervisors	/Y	VO		1.0	
^a A010615	^a LANDSCAPE MGMT Landscape Management	30, 31	/			AGRI @2 HORTICULT @7 AGRI CULTUR 1 @2
^a ORH0885	^a LANDSCAPE SPEC Landscape Specialist	/Y	VO		2.0	
^a ORH0886	^a FIRST LINE SUPR/MGR1 First Line Supervisors/Managers of Lands, Lawn Ser & Grounds 1	/Y	VO		3.0	
^a ORH0887	^a LANDSCAPE CONTRACTOR Landscape Contractor	/Y	VO		1.0	
^a 8121300	^a LANDSCAPE OPS Landscape Operations	9- 12, 30, 31	/			AGRICULTUR 1 @2 HORTICULT #7
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3	/Y	EQ		1.0	
8121510	INTRO HORTICULTURE 2 Introductory Horticulture 2/Level 3	/Y	PA		1.0	
8121520	HORTICULTURAL SCI 3 Horticultural Science 3/Level 3	/Y	PA		1.0	
8121310	LAND & TURF SCI 4 Landscape and Turf Science 4/Level 2	/Y	VO		1.0	
8121320	LAND & TURF SCI 5 Landscape and Turf Science 5/Level 2	/Y	VO		1.0	
8121330	LANDSCAPE OPS 6 Landscape Operations 6/Level 2	/Y	VO		1.0	
8002100	LANDSCAPE OPS (NEW) Landscape Operations (NEW)	9- 12, 30, 31	/			AGRICULTUR 1 @2 HORTICULT #7
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3	/Y	EQ		1.0	
8121510	INTRO HORTICULTURE 2 Introductory Horticulture 2/Level 3	/Y	PA		1.0	
8121520	HORTICULTURAL SCI 3 Horticultural Science 3/Level 3	/Y	PA		1.0	

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			
8121310	LAND & TURF SCI 4 Landscape and Turf Science 4/Level 2	/Y	VO		1.0	
8121320	LAND & TURF SCI 5 Landscape and Turf Science 5/Level 2	/Y	VO		1.0	
8121410	SPRTS & REC TURF OPS6 Sports and Recreational Turf Operations 6/Level 2	/Y	VO		1.0	
A010616	NURSERY MANAGEMENT Nursery Management	30, 31	/			AGRI @2 HORTI CULT @7
ORH0862	NURSERY WORKERS Nursery Workers	/Y	VO		2.0	
ORH0863	NURSERY & GRNHS MGR1 Nursery and Greenhouse Managers 1	/Y	VO		3.0	
ORH0864	NURSERY & GRNHS MGR2 Nursery and Greenhouse Managers 2	/Y	VO		1.0	
^a A020607	^a SPRTS & REC TURF MGMT Sports and Recreational Turf Management	30, 31	/			AGRI @2 HORTI CULT @7
^a ORH0885	LANDSCAPE SPEC Landscape Specialist	/Y	VO		2.0	
^a ORH0886	FIRST LINE SUPR/MGR1 First Line Supervisors/Managers of Lands, Lawn Ser & Grounds 1	/Y	VO		3.0	
^a ORH0897	FIRST LINE SUPR/MGR2 First Line Supervisors/Managers of Lands, Lawn Ser & Grounds 2	/Y	VO		1.0	
^a 8121400	^a SPRTS & REC TURF OPS Sports and Recreational Turf Operations	9- 12, 30, 31	/			AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3	/Y	EQ		1.0	
8121510	INTRO HORTICULTURE 2 Introductory Horticulture 2/Level 3	/Y	PA		1.0	
8121520	HORTICULTURAL SCI 3 Horticultural Science 3/Level 3	/Y	PA		1.0	
8121310	LAND & TURF SCI 4 Landscape and Turf Science 4/Level 2	/Y	VO		1.0	
8121320	LAND & TURF SCI 5 Landscape and Turf Science 5/Level 2	/Y	VO		1.0	
8121410	SPRTS & REC TURF OPS6 Sports and Recreational Turf Operations 6/Level 2	/Y	VO		1.0	
ANIMAL SYSTEMS CAREER PATH (AGPC)						
8106200	ANIMAL SCI & SERV Animal Science and Services	9- 12, 30, 31	/			AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3	/Y	EQ		1.0	
8106210	ANIM SCI & SERS 2 Animal Science and Services 2/Level 2	/Y	VO		1.0	

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			REQUIREMENTS	GRADUATION		
8106220	ANIM SCI & SERS 3 Animal Science and Services 3/Level 2	/Y	VO		1.0	
8106230	ANIM SCI & SERS 4 Animal Science and Services 4/Level 2	/Y	VO		1.0	
8106240	ANIM SCI & SERS 5 Animal Science and Services 5/Level 2	/Y	VO		1.0	
8106250	ANIM SCI & SERS 6 Animal Science and Services 6/Level 2	/Y	VO		1.0	
^a 8112000	^a AQUACULTURE Aquaculture	9- 12, 30, 31 /				AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3	/Y	EQ		1.0	
8112010	AQUACULTURE 2 Aquaculture 2/Level 3	/Y	EQ		1.0	
8112020	AQUACULTURE 3 Aquaculture 3/Level 3	/Y	EQ		1.0	
8004100	AQUACULTURE (NEW) Aquaculture	9- 12, 30, 31 /				AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3	/Y	EQ		1.0	
8112010	AQUACULTURE 2 Aquaculture 2/Level 3	/Y	EQ		1.0	
8112020	AQUACULTURE 3 Aquaculture 3/Level 3	/Y	EQ		1.0	
8112030	AQUACULTURE 4 Aquaculture 4/Level 3	/Y	VO		1.0	
^α 8004200	^α EQUESTRIAN STUDIES Equestrian Studies	9- 12, 30, 31 /				AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3	/Y	EQ		1.0	
8004210	INTRO TO EQUESTRIAN Introduction to Equestrian Studies/ Level 2	/Y	PA		1.0	
8004220	BEGINNING EQUESTRIAN Beginning Equestrian/Level 2	/Y	PA		1.0	
8004230	INTERMEDIATE EQUEST Intermediate Equestrian/Level 2	/Y	PA		1.0	
8004240	ADVANCED EQUESTRIAN Advanced Equestrian/Level 2	/Y	PA		1.0	
8115110	VET ASSISTING Veterinary Assisting	9- 12, 30, 31 /				AGRICULTUR 1 @2
8111510	VET ASSISTING 1 Veterinary Assisting 1/Level 3	/Y	VO		1.0	
8111540	VET ASSISTING 2 Veterinary Assisting 2/Level 3	/Y	VO		1.0	
8111550	VET ASSISTING 3 Veterinary Assisting 3/Level 3	/Y	VO		1.0	
8111520	VET ASSISTING 4 Veterinary Assisting 4/Level 3	/Y	VO		1.0	
8111530	VET ASSISTING 5 Veterinary Assisting 5/Level 3	/Y	VO		1.0	

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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			GRADUATION REQUIREMENTS			
A010512	VET ASSISTING Veterinary Assisting	30, 31	/		AGRI AG SUPPLI	@2 @7 G AGRICULTUR 1 @2
ATE0006	VET ASST & LAB ANI 1 Veterinary Assistants and Laboratory Animal Caretakers 1		/Y	VO	3.0	
ATE0070	VET ASST & LAB ANI 2 Veterinary Assistants and Laboratory Animal Caretakers 2		/Y	VO	1.0	
ATE0072	VET ASST Veterinary Assistant		/Y	VO	1.0	
POWER, STRUCTURAL & TECHNICAL SYSTEMS CAREER PATH (AGPD)						

8005200	AG USE OF UAS TECH Agricultural Use of UAS Technology	11- 1230, 31	/Y		AGRI	1 SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8005233	AG USE OF UAS TECH Agricultural use of UAS Technology/ Level 3		/Y	VO	1.0	
8005100	TECHNICAL AG OPS Technical Agriculture Operations	9- 12, 30, 31	/		AGRICULTUR	1 @2 AGRI MECH #7
8106810	AGSCIENCE FOUND 1 Agriculture Foundations 1/Level 3		/Y	EQ	1.0	
8005110	TECHNICAL AG OPS 2 Technical Agriculture Operations 2/ Level 2		/Y	VO	1.0	
8005120	TECHNICAL AG OPS 3 Technical Agriculture Operations 3/ Level 2		/Y	VO	1.0	
8005130	TECHNICAL AG OPS 4 Technical Agriculture Operations 4/ Level 2		/Y	VO	1.0	
8005140	TECHNICAL AG OPS 5 Technical Agriculture Operations 5/ Level 2		/Y	VO	1.0	
A020608	TURF EQ TECH- ATD Turf Equipment Technology- ATD	30, 31	/			
SER0004	OUTDR POWER EQUIP 1 Outdoor Power Equipment and Other S mall Engine Mechanics 1		/Y	VO	2.5	
SER0005	OUTDR POWER EQUIP 2 Outdoor Power Equipment and Other S mall Engine Mechanics 2		/Y	VO	2.5	
SER0006	OUTDR POWER EQUIP 3 Outdoor Power Equipment and Other S mall Engine Mechanics 3		/Y	VO	1.5	
NATURAL RESOURCES SYSTEMS CAREER PATH (AGPE)						

8113000	ENVIR RES Environmental Resources	9- 12, 30, 31	/		AGRICULTUR	1 @2

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			REQUIREMENTS	GRADUATION		
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3	/Y	EQ		1.0	
8106850	AG BIOTECH 2 Agricultural Biotechnology 2/Level 3	/Y	VO		1.0	
^a 8113010	ENVIRONMENTAL RES 3 Environmental Resources 3/Level 3	/Y	VO		1.0	
^a 8113020	ENVIRONMENTAL RES 4 Environmental Resources 4/Level 3	/Y	VO		1.0	
8118300	FORESTRY Forestry	9- 12, 30, 31 /				AGRICULTUR 1 @2 AGRI RES #7
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3	/Y	EQ		1.0	
8118310	FOR & NAT RES 2 Forestry and Natural Resources 2/ Level 2	/Y	VO		1.0	
8118320	FOR & NAT RES 3 Forestry and Natural Resources 3/ Level 2	/Y	VO		1.0	
8118330	FORESTRY 4 Forestry 4/Level 2	/Y	VO		1.0	
^a 8913000	^a LAND RES TECH Land Resources Technology	9- 12, 30, 31 /				WSP OPER 7 G BIOLOGY 1 AGRICULTUR 1 @2
^a 8913010	INTROD ENVIR TECH Introduction to Environmental Technology/Level 2	/Y	VO		1.0	
^a 8913020	ENVIRONMENTAL TECH 2 Environmental Technology 2/Level 2	/Y	VO		1.0	
^a 8913030	LAND RESOURCES 3 Land Resources 3/Level 3	/Y	VO		1.0	
^a 8913040	LAND RESOURCES 4 Land Resources 4/Level 3	/Y	VO		1.0	
8006200	NATURAL RESOURCES Natural Resources	9- 12, 30, 31 /				AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3	/Y	EQ		1.0	
8006220	INTRO TO NAT RES 2 Introduction to Natural Resources 2 /Level 3	/Y	VO		1.0	
8006230	NAT RESOURCE TEC 3 Natural Resource Technology 3/Level 3	/Y	VO		1.0	
8006240	NAT RESOURCE MGMT 4 Natural Resource Management 4/Level 3	/Y	VO		1.0	
8006250	ADV NAT RESOURCES5 Advanced Natural Resources 5/Level 3	/Y	VO		1.0	
^a A020408	^a PEST CON OPS-ATD Pest Control Operations-ATD	30, 31 /				
ORH0867	PESTICIDE HANDLERS 1 Pesticide Handlers, Sprayers and Applicators, Vegetation 1	/Y	VO		2.0	
ORH0868	PESTICIDE HANDLERS 2 Pesticide Handlers, Sprayers and Applicators, Vegetation 2	/Y	VO		2.0	

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			REQUIREMENTS	GRADUATION		
ENVIRONMENTAL SERVICE SYSTEMS CAREER PATH (AGPF)						
P150509	ADV WATER TRTMT TECH Advanced Water Treatment Technologies	30, 31	/		WSP OPER	7 G
EVS0355	MEMB WTR TREAT SPEC Membrane Water Treatment Specialist		/Y	VO	2.0	
EVS0357	HIGH PUR WTR TR SPEC High Purity Water Treatment Specialist		/Y	VO	2.0	
8007300	ENV WATER & RECL TEC Environmental Water & Reclamation Technology	9- 12, 30, 31	/		ENV WAT TE	7 G
8007110	INTRO ENV WATER TECH Introduction to Environmental Water Technology/Level 2		/Y	VO	1.0	
8007120	INTM ENV WATER TECH Intermediate Environmental Water Technology/Level 2		/Y	VO	1.0	
8007130	ADV ENV WATER TECH Advanced Environmental Water Techno logy/Level 2		/Y	VO	1.0	
8007210	ADV ENV WAT RECLAIM Advanced Environmental Water Reclamation Technology/Level 2		/Y	VO	1.0	
^a 8007200	^a ENVIRON WAT RECLAIM Environmental Water Reclamation Technology	9- 12, 30, 31	/		ENV WAT TE	7 G
8007110	INTRO ENV WATER TECH Introduction to Environmental Water Technology/Level 2		/Y	VO	1.0	
8007120	INTM ENV WATER TECH Intermediate Environmental Water Technology/Level 2		/Y	VO	1.0	
8007210	ADV ENV WAT RECLAIM Advanced Environmental Water Reclamation Technology/Level 2		/Y	VO	1.0	
^a 8007100	^a ENVIRON WATER TECH Environmental Water Technology	9- 12, 30, 31	/		ENV WAT TE	7 G
8007110	INTRO ENV WATER TECH Introduction to Environmental Water Technology/Level 2		/Y	VO	1.0	
8007120	INTM ENV WATER TECH Intermediate Environmental Water Technology/Level 2		/Y	VO	1.0	
8007130	ADV ENV WATER TECH Advanced Environmental Water Technology/Level 2		/Y	VO	1.0	
P150527	WSTWTR TRTMT TECHS Wastewater Treatment Technologies	30, 31	/		WSP OPER	7 G
EVS0333	WSTWTR TREAT PL OP, C Wastewater Treatment Plant Operator, Level "C"		/Y	VO	1.0	

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			GRADUATION REQUIREMENTS			
EVS0343	WSTWTR TREAT PL OP, B Wastewater Treatment Plant Operator, Level "B"	/S	VO		0.5	
EVS0350	WSTWTR TREAT PL OP, A Wastewater Treatment Plant Operator, Level "A"	/S	VO		0.5	
P150507	WATER TREATMENT TECH Water Treatment Technologies	30, 31	/			WSP OPER 7 G
EVS0133	WTR TREAT PL OP, C Water Treatment Plant Operator, Level "C"	/Y	VO		1.0	
EVS0143	WTR TREAT PL OP, B Water Treatment Plant Operator, Level "B"	/S	VO		0.5	
EVS0153	WTR TREAT PL OP, A Water Treatment Plant Operator, Level "A"	/S	VO		0.5	
AGRIBUSINESS SYSTEMS CAREER PATH (AGPG)						
8117000	AGRICULTURAL COMM Agricultural Communications	9- 12, 30, 31	/			AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agrisience Foundations 1/Level 3		/Y	EQ	1.0	
8117010	AG COMMUNICATIONS 2 Agricultural Communications 2/Level 2		/Y	PA	1.0	
8117020	AG COMMUNICATIONS 3 Agricultural Communications 3/Level 2		/Y	PA	1.0	
8116000	AG SALES & SERS Agricultural Sales and Services	9- 12, 30, 31	/			AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agrisience Foundations 1/Level 3		/Y	EQ	1.0	
8116010	AG SALES & SERS 2 Agricultural Sales and Services 2/ Level 3		/Y	EC	1.0	
8116020	AG SALES & SERS 3 Agricultural Sales and Services 3/ Level 3		/Y	PA	1.0	
8106800	AGRITECHNOLOGY Agritechnology	9- 12, 30, 31	/			AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agrisience Foundations 1/Level 3		/Y	EQ	1.0	
8106820	AGRITECHNOLOGY 1 Agritechnology 1/Level 2		/Y	VO	1.0	
8106830	AGRITECHNOLOGY 2 Agritechnology 2/Level 2		/Y	VO	1.0	
8009100	PRIN OF AGRI & MGMT Principles of Agribusiness and Management	9- 12, 30, 31	/	VO		AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agrisience Foundations 1/Level 3		/Y	EQ	1.0	

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			GRADUATION REQUIREMENTS			
8009110	AG LEAD & MANAGEMENT Agriculture Leadership and Management /Level 3	/Y	VO		1.0	
8009120	PRIN OF AGRIBUSINESS Principles of Agribusiness/Level 3	/Y	EC		1.0	
AGRICULTURE BIOTECHNOLOGY (AGPH)						
^a 8106600	^a AG BIOTECHNOLOGY Agricultural Biotechnology	9- 12, 30, 31 /				AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriculture Foundations 1/Level 3	/Y	EQ		1.0	
8106850	AG BIOTECH 2 Agricultural Biotechnology 2/Level 3	/Y	VO		1.0	
8106860	AG BIOTECH 3 Agricultural Biotechnology 3/Level 3	/Y	EQ		1.0	
8003100	AGRICULTURE BIOTECH Agriculture Biotechnology	9- 12, 30, 31 /				AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriculture Foundations 1/Level 3	/Y	EQ		1.0	
8106850	AG BIOTECH 2 Agricultural Biotechnology 2/Level 3	/Y	VO		1.0	
8106860	AG BIOTECH 3 Agricultural Biotechnology 3/Level 3	/Y	EQ		1.0	
8106120	ANIMAL BIOTECHNOLOGY Animal Biotechnology/Level 3	/Y	VO		1.0	
8106510	PLANT BIOTECHNOLOGY Plant Biotechnology/Level 3	/Y	VO		1.0	
^a 8106100	^a ANIM BIOTECH Animal Biotechnology	9- 12, 30, 31 /				AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriculture Foundations 1/Level 3	/Y	EQ		1.0	
8106850	AG BIOTECH 2 Agricultural Biotechnology 2/Level 3	/Y	VO		1.0	
8106120	ANIMAL BIOTECHNOLOGY Animal Biotechnology/Level 3	/Y	VO		1.0	
^a 8106500	^a PLANT BIOTECH Plant Biotechnology	9- 12, 30, 31 /				AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriculture Foundations 1/Level 3	/Y	EQ		1.0	
8106850	AG BIOTECH 2 Agricultural Biotechnology 2/Level 3	/Y	VO		1.0	
8106510	PLANT BIOTECHNOLOGY Plant Biotechnology/Level 3	/Y	VO		1.0	
SUPPLEMENTAL PROGRAMS						
8100330	ADV CONCEPTS OF AG Advanced Concepts of Agriscience/ Level 2	11- 12, 30, 31/Y	VO		1.0	AGRICULTUR 1 @2

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			GRADUATION REQUIREMENTS			
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
A019999	AGRI, FOOD, NR - OJT Agriculture, Food, and Natural Resources Cooperative Education - OJT	30, 31 /			AGRI @2 ANY AG ED ¶ G	AGRICULTUR 1 @2
8100210	EX OF AGRISCI Exploration of Agriscience	6- 8 /S	VO		AGRICULTUR 1 @2	EXP AG @4
8500395	FOOD SCI & SAFETY Food Science Safety and Technology/ Level 2	9- 12, 30, 31 /Y	VO	1.0	AGRICULTUR 1 @2	FAM CON SC 1
8021400	FUND OF AG SERVICES Fundamentals of Agriculture, Food and Natural Resource Services	6- 8 /Y	VO		AGRICULTUR 1 @2	EXP AG @4
8021300	FUND OF AG SYSTEMS Fundamentals of Agriculture, Food and Natural Resource Systems	6- 8 /Y	VO		AGRICULTUR 1 @2	EXP AG @4
^a 8100320	^a FUND AGRISCIENCE Fundamentals of Agriscience/Level 2	9- 12, 30, 31 /Y	VO	1.0	AGRICULTUR 1 @2	
8021100	INTRO TO AG, FOOD, NR Introduction to Agriculture, Food and Natural Resources	6- 8 /S	VO		AGRICULTUR 1 @2	EXP AG @4
8021110	INTRO TO AG & CP Introduction to Agriculture, Food and Natural Resources/Career Plan	6- 8 /S	VO		AGRICULTUR 1 @2	EXP AG @4
8100120	INTRO AGRISCIENCE Introduction to Agriscience	6- 8 /S	VO		AGRICULTUR 1 @2	EXP AG @4
8100310	ORIENT AGRISCIENCE Orientation to Agriscience	6- 8 /S	VO		AGRICULTUR 1 @2	EXP AG @4
8100110	ORIEN TO AGSCI & C P Orientation to Agriscience and Career Planning	6- 8 /S	VO		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 /				

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
----- ARCHITECTURE & CONSTRUCTION CAREER CLUSTER -----					
----- DESIGN/PRE-CONSTRUCTION CAREER PATH (ACPA) -----					
8101100	ARCH DRAFT SEC Architectural Drafting Secondary	9- 12, 30, 31 /			
8725010	DRAFTING 1 Drafting 1/Level 3	/Y	PA	1.0	
8725020	DRAFTING 2 Drafting 2/Level 3	/Y	PA	1.0	
8725030	DRAFTING 3 Drafting 3/Level 3	/Y	PA	1.0	
8725040	DRAFTING 4 Drafting 4/Level 3	/Y	PA	1.0	
8725450	ARCHITECT DRAFT 5 Architectural Drafting 5/Level 3	/Y	PA	1.0	
8725460	ARCHITECT DRAFTING 6 Architectural Drafting 6/Level 3	/Y	PA	1.0	
8722000	BLDG TR & CONST DSN Building Trades and Construction Design Technology	9- 12, 30, 31 /			
					BLDG CONST @7 7 G TEC CONSTR @7 7 G
					DRAFTING @7 7 G TEC DRAFT 7 G
					AC HEAT ME @7 7 G BLDG MAINT @7 7 G DRAFTING @7 7 G ENG 7 G ROOFING 7 G TEC CONSTR @7 7 G TEC ED 1 @2 WOODWORKIN @4
					BLDG CONST @7 7 G CARPENTRY @7 7 G ELECTRICAL @7 7 G PLUMBIN @7 7 G SHEETMETAL @7 7 G TEC DRAFT 7 G TROWEL TR 7 G
8722010	BLDG TRADE & CDT 1 Building Trades and Construction Design Technology 1/Level 2	/Y	VO	1.0	
8722020	BLDG TRADE & CDT 2 Building Trades and Construction Design Technology 2/Level 2	/Y	VO	1.0	
8722030	BLDG TRADE & CDT 3 Building Trades and Construction Design Technology 3/Level 3	/Y	PA	1.0	
8722040	BLDG TRADE & CDT 4 Building Trades and Construction Design Technology 4/Level 2	/Y	VO	1.0	
8722050	BLDG TRADE & CDT 5 Building Trades and Construction Design Technology 5/Level 2	/Y	VO	1.0	
8722060	BLDG TRADE & CDT 6 Building Trades and Construction Design Technology 6/Level 3	/Y	PA	1.0	

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			
C100100	BLDG TR & CONST DSN Building Trades and Construction Design Technology	30, 31	/			AC HEAT ME @7 7 G BLDG MAINT @7 7 G DRAFTING @7 7 G ENG 7 G ROOFING 7 G TEC CONSTR @7 7 G TEC ED 1 @2 WOODWORKIN @4 BLDG CONST @7 7 G CARPENTRY @7 7 G ELECTRICAL @7 7 G PLUMBIN @7 7 G SHEETMETAL @7 7 G TEC DRAFT 7 G TROWEL TR 7 G
BCV0080	BLDG CONSTR ASST Building Construction Assistant		/Y	PA	3.0	
BCV0081	CARP & MASONRY TECH Carpentry and Masonry Technician		/Y	VO	1.0	
BCV0082	ELEC & PLUMBING TECH Electrical and Plumbing Technician		/Y	VO	1.0	
BCV0083	AIR COND & PAINT TEC Air Conditioning and Painting Technician		/Y	PA	1.0	
8915000	CIVIL ENGR AIDE Civil Engineering Aide	9- 12, 30, 31	/			SURVEY 7 G TEC CONSTR @7 7 G
8915010	CIVIL ENGR AIDE 1 Civil Engineering Aide 1/Level 2		/Y	PA	1.0	
8915020	CIVIL ENGR AIDE 2 Civil Engineering Aide 2/Level 2		/Y	PA	1.0	
8915030	CIVIL ENGR AIDE 3 Civil Engineering Aide 3/Level 3		/Y	VO	1.0	
8915040	CIVIL ENGR AIDE 4 Civil Engineering Aide 4/Level 3		/Y	VO	1.0	
8725000	DRAFTING Drafting	9- 12, 30, 31	/			BLDG CONST @7 7 G TEC CONSTR @7 7 G DRAFTING @7 7 G TEC DRAFT 7 G
8725010	DRAFTING 1 Drafting 1/Level 3		/Y	PA	1.0	
8725020	DRAFTING 2 Drafting 2/Level 3		/Y	PA	1.0	
8725030	DRAFTING 3 Drafting 3/Level 3		/Y	PA	1.0	
8725040	DRAFTING 4 Drafting 4/Level 3		/Y	PA	1.0	
C100200	DRAFTING PSAV Drafting PSAV	30, 31	/			BLDG CONST @7 7 G TEC CONSTR @7 7 G DRAFTING @7 7 G TEC DRAFT 7 G
TDR0070	BLUEPRINT READER Blueprint Reader		/Y	PA	1.0	
TDR0370	DRAFTING ASSISTANT Drafting Assistant		/Y	PA	3.0	
TDR0775	DRAFTING DETAILER 1 Drafting Detailer 1		/Y	PA	1.0	
TDR0776	DRAFTING DETAILER 2 Drafting Detailer 2		/Y	PA	1.0	
TDR0570	ARCHITECTURAL DRAFT Architectural Drafter		/Y	PA	1.0	
TDR0874	CIVIL DRAFTER Civil Drafter		/Y	PA	1.0	

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				
TDR0777	MECHANICAL DRAFTER Mechanical Drafter	/Y	VO		1.0		
TDR0875	STRUCTURAL DRAFTER Structural Drafter	/Y	VO		1.0		
8101200	STRUCTURAL DRAFT SEC Structural Drafting Secondary	9- 12, 30, 31 /				BLDG CONST @7 7 G TEC CONSTR @7 7 G	DRAFTING @7 7 G TEC DRAFT 7 G
8725010	DRAFTING 1 Drafting 1/Level 3	/Y	PA		1.0		
8725020	DRAFTING 2 Drafting 2/Level 3	/Y	PA		1.0		
8725030	DRAFTING 3 Drafting 3/Level 3	/Y	PA		1.0		
8725040	DRAFTING 4 Drafting 4/Level 3	/Y	PA		1.0		
8725550	STRUCT DRAFTING 5 Structural Drafting 5/Level 3	/Y	PA		1.0		
8725560	STRUCT DRAFTING 6 Structural Drafting 6/Level 3	/Y	PA		1.0		
AI150203	^a SURVEY & MAP TECH Surveying and Mapping Technology	30, 31 /				SURVEY 7 G	TEC CONSTR @7 7 G
SUR0130	SURVEYING RODMAN Surveying Rodman	/Y	VO		3.0		
SUR0132	SURVEY ASST, INSTRU Survey Assistant, Instrument	/Y	VO		3.0		
SUR0134	SURVEY PARTY CHIEF Survey Party Chief	/Y	VO		3.0		

CONSTRUCTION CAREER PATH (ACPB)

8723000	A/C, REFG & HT TECH Air Conditioning, Refrigeration and Heating Technology	9- 12, 30, 31 /				AC HEAT ME @7 7 G	REFRG MECH 7 G
8713010	A/C, REFG & HT TECH 1 Air Conditioning, Refrigeration and Heating Technology 1/Level 2	/Y	VO		1.0		
8713020	A/C, REFG & HT TECH 2 Air Conditioning, Refrigeration and Heating Technology 2/Level 2	/Y	VO		1.0		
8713030	A/C, REFG&HT TECH 3 Air Conditioning, Refrigeration and Heating Technology 3/Level 2	/Y	VO		1.0		
8713040	A/C, REFG&HT TECH 4 Air Conditioning, Refrigeration and Heating Technology 4/Level 2	/Y	VO		1.0		
8713050	A/C, REFG&HT TECH 5 Air Conditioning, Refrigeration and Heating Technology 5/Level 2	/Y	VO		1.0		
8713060	A/C, REFG&HT TECH 6 Air Conditioning, Refrigeration and Heating Technology 6/Level 2	/Y	VO		1.0		

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			
8713070	A/C, REFG&HT TECH 7 Air Conditioning, Refrigeration and Heating Technology 7/Level 2	/Y	VO		1.0	
I470203	AIR COND, REF, HEAT Air Conditioning, Refrigeration and Heating Technology	30, 31	/			AC HEAT ME @7 7 G REFRG MECH 7 G
ACR0041	AC, REFG & HEAT HELP Air Conditioning, Refrigeration and Heating Helper	/Y	VO		1.5	
ACR0043	AC, REFG & HEAT MECH Air Conditioning, Refrigeration and Heating Mechanic Assistant	/Y	VO		1.5	
ACR0047	AC, REFG & HEAT MECH1 Air Conditioning, Refrigeration and Heating Mechanic 1	/Y	VO		1.5	
ACR0049	AC, REFG & HEAT MECH2 Air Conditioning, Refrigeration and Heating Mechanic 2	/Y	VO		1.5	
ACR0044	AC, REFG & HEAT TECH Air Conditioning, Refrigeration and Heating Technician	/Y	VO		2.0	
ACR0045	REFRIGERATION MECH Refrigeration Mechanic	/Y	VO		2.0	
C400100	AIR COND, REF, HEAT1 Air Conditioning, Refrigeration and Heating Technology 1	30, 31	/			AC HEAT ME @7 7 G REFRG MECH 7 G
ACR0041	AC, REFG & HEAT HELP Air Conditioning, Refrigeration and Heating Helper	/Y	VO		1.5	
ACR0043	AC, REFG & HEAT MECH Air Conditioning, Refrigeration and Heating Mechanic Assistant	/Y	VO		1.5	
ACR0047	AC, REFG & HEAT MECH1 Air Conditioning, Refrigeration and Heating Mechanic 1	/Y	VO		1.5	
C400200	AIR COND, REF, HEAT2 Air Conditioning, Refrigeration and Heating Technology 2	30, 31	/			AC HEAT ME @7 G REFRG MECH @7 G
ACR0049	AC, REFG & HEAT MECH2 Air Conditioning, Refrigeration and Heating Mechanic 2	/Y	VO		1.5	
ACR0044	AC, REFG & HEAT TECH Air Conditioning, Refrigeration and Heating Technician	/Y	VO		2.0	
ACR0045	REFRIGERATION MECH Refrigeration Mechanic	/Y	VO		2.0	
8722900	BRK & BLOCK MASONRY Brick and Block Masonry	9- 12, 30, 31	/			BLDG CONST ¶7 ¶G TROWEL TR 7 G TEC CONSTR ¶7 ¶G
8722610	MASONRY 1 Masonry 1/Level 2	/Y	VO		1.0	
8722620	MASONRY 2 Masonry 2/Level 2	/Y	VO		1.0	

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	
8722630	MASONRY 3 Masonry 3/Level 2	/Y	VO	1.0		
8722640	MASONRY 4 Masonry 4/Level 2	/Y	VO	1.0		
8722650	MASONRY 5 Masonry 5/Level 2	/Y	VO	1.0		
I463112	BRK & BLK MASONRY Brick and Block Masonry	30, 31	/		BLDG CONST @7 7 G TROWEL TR 7 G	TEC CONSTR @7 7 G
BCV0330	MASONRY TENDER Masonry Tender	/Y	VO	3.0		
BCV0360	BRI CKLAYER HELPER Bri cklayer Hel per	/Y	VO	2.0		
BCV0362	BRI CKMASON 1 Bri ckmason 1	/Y	VO	3.0		
BCV0363	BRI CKMASON 2 Bri ckmason 2	/Y	VO	3.0		
8720300	BLDG CONST TECH Building Constructi on Technol ogi es	9- 12, 30, 31 /			AC HEAT ME @7 7 G BLDG MAINT @7 7 G DRAFTING @7 7 G ENG 7 G SHEETMETAL @7 7 G TEC DRAFT 7 G WOODWORKIN @4	BLDG CONST @7 7 G CARPENTRY @7 7 G ELECTRI CAL @7 7 G PLUMBIN @7 7 G TEC CONSTR @7 7 G TROWEL TR 7 G
8720310	BLDG CONST TECH 1 Bui ldi ng Constructi on Technol ogi es 1/Level 2	/Y	VO	1.0		
8720320	BLDG CONST TECH 2 Bui ldi ng Constructi on Technol ogi es 2/Level 2	/Y	VO	1.0		
8720330	BLDG CONST TECH 3 Bui ldi ng Constructi on Technol ogi es 3/Level 3	/Y	VO	1.0		
8720340	BLDG CONST TECH 4 Bui ldi ng Constructi on Technol ogi es 4/Level 2	/Y	VO	1.0		
8720350	BLDG CONST TECH 5 Bui ldi ng Constructi on Technol ogi es 5/Level 2	/Y	VO	1.0		
8720360	BLDG CONST TECH 6 Bui ldi ng Constructi on Technol ogi es 6/Level 2	/Y	VO	1.0		
8720370	BLDG CONST TECH 7 Bui ldi ng Constructi on Technol ogi es 7/Level 2	/Y	VO	1.0		
I460401	BLDG CONST TECH Bui ldi ng Constructi on Technol ogi es	30, 31	/		AC HEAT ME @7 7 G BLDG MAINT @7 7 G DRAFTING @7 7 G ENG 7 G SHEETMETAL @7 7 G TEC DRAFT 7 G WOODWORKIN @4	BLDG CONST @7 7 G CARPENTRY @7 7 G ELECTRI CAL @7 7 G PLUMBIN @7 7 G TEC CONSTR @7 7 G TROWEL TR 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	
BCV0400	BLDG CONST HLP Building Construction Helper	/Y	VO	3.0		
BCV0401	BLDG CONST TECH 1 Building Construction Technician 1	/Y	VO	2.0		
BCV0402	BLDG CONST TECH 2 Building Construction Technician 2	/Y	VO	2.0		
^a 8720100	^a CABINETMAKING Cabinetmaking	9- 12, 30, 31 /			CAB WOODWK @7 7 G BLDG CONST @7 7 G	CARPENTRY @7 7 G TEC CONSTR @7 7 G
^a 8722110	^a CARP & CAB MAKING 1 Carpentry and Cabinetmaking 1/Level 2	/Y	VO	1.0		
^a 8722120	^a CARP & CAB MAKING 2 Carpentry and Cabinetmaking 2/Level 2	/Y	VO	1.0		
^a 8722130	^a CARP & CAB MAKING 3 Carpentry and Cabinetmaking 3/Level 3	/Y	VO	1.0		
8720140	CABINETMAKING 4 Cabinetmaking 4/Level 32	/Y	VO	1.0		
8720140	CABINETMAKING 4 Cabinetmaking 4/Level 2	/Y	VO	1.0		
8104400	CABINETMAKING (NEW) Cabinetmaking	9- 12, 30, 31 /			BLDG CONST @7 7 G CARPENTRY @7 7 G	CAB WOODWK @7 7 G TEC CONSTR @7 7 G
8104410	CABINETMAKING 1 Cabinetmaking 1/Level 2	/Y	VO	1.0		
8104420	CABINETMAKING 2 Cabinetmaking 2/Level 2	/Y	PA	1.0		
8104430	CABINETMAKING 3 Cabinetmaking 3/Level 3	/Y	VO	1.0		
8720140	CABINETMAKING 4 Cabinetmaking 4/Level 3	/Y	VO	1.0		
8720150	CABINETMAKING 5 Cabinetmaking 5/Level 3	/Y	VO	1.0		
^a I480704	^a CABINETMAKING Cabinetmaking	30, 31 /			CAB WOODWK @7 7 G BLDG CONST @7 7 G	CARPENTRY @7 7 G TEC CONSTR @7 7 G
BCV0107	CARPENTER HELPER Carpenter Helper	/Y	PA	2.0		
BCV0235	CABINET FINISHER Cabinet Finisher	/Y	VO	1.0		
BCV0240	CABINET ASSEMBLER Cabinet Assembler	/Y	VO	2.0		
BCV0243	CABINETMAKER Cabinetmaker	/Y	VO	3.0		
C410400	CABINETMAKING (NEW) Cabinetmaking	30, 31 /			BLDG CONST @7 7 G CARPENTRY @7 7 G	CAB WOODWK @7 7 G TEC CONSTR @7 7 G
BCV0200	CABINETMAKER HELPER Cabinetmaker Helper	/Y	VO	2.0		
BCV0235	CABINET FINISHER Cabinet Finisher	/Y	VO	1.0		
BCV0240	CABINET ASSEMBLER Cabinet Assembler	/Y	VO	2.0		
BCV0243	CABINETMAKER Cabinetmaker	/Y	VO	3.0		
^a 8722100	^a CARPENTRY Carpentry	9- 12, 30, 31 /			CAB WOODWK @7 7 G BLDG CONST @7 7 G	CARPENTRY @7 7 G TEC CONSTR @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														
					BLDG CONST		CARPENTRY		CAB WOODWK		TEC CONSTR								
^a 8722110	CARP & CAB MAKING 1 Carpentry and Cabinetmaking 1/Level 2	/Y	VO	1.0															
^a 8722120	CARP & CAB MAKING 2 Carpentry and Cabinetmaking 2/Level 2	/Y	VO	1.0															
^a 8722130	CARP & CAB MAKING 3 Carpentry and Cabinetmaking 3/Level 3	/Y	VO	1.0															
8722140	CARPENTRY 4 Carpentry 4/Level 3	/Y	VO	1.0															
8722150	CARPENTRY 5 Carpentry 5/Level 3	/Y	VO	1.0															
8722160	CARPENTRY 6 Carpentry 6/Level 3	/Y	VO	1.0															
8722170	CARPENTRY 7 Carpentry 7/Level 3	/Y	VO	1.0															
I460202	CARPENTRY Carpentry	30, 31	/																
BCV0107	CARPENTER HELPER Carpenter Helper	/Y	PA	2.0															
BCV0111	TRIM & FINISH CARP Trim and Finish Carpenter	/Y	VO	2.0															
BCV0122	CARPENTER, ROUGH Carpenter, Rough	/Y	VO	3.0															
BCV0128	CARPENTER Carpenter	/Y	VO	1.0															
8104500	CARPENTRY (NEW) Carpentry (New)	9- 12, 30, 31	/																
8104510	CARPENTRY 1 Carpentry 1/Level 2	/Y	VO	1.0															
8104520	CARPENTRY 2 Carpentry 2/Level 2	/Y	PA	1.0															
8104530	CARPENTRY 3 Carpentry 3/Level 3	/Y	VO	1.0															
8722140	CARPENTRY 4 Carpentry 4/Level 3	/Y	VO	1.0															
8722150	CARPENTRY 5 Carpentry 5/Level 3	/Y	VO	1.0															
8722160	CARPENTRY 6 Carpentry 6/Level 3	/Y	VO	1.0															
8722170	CARPENTRY 7 Carpentry 7/Level 3	/Y	VO	1.0															
C510100	CARPENTRY 1 Carpentry 1	30, 31	/																
BCV0107	CARPENTER HELPER Carpenter Helper	/Y	PA	2.0															
BCV0111	TRIM & FINISH CARP Trim and Finish Carpenter	/Y	VO	2.0															
C510200	CARPENTRY 2 Carpentry 2	30, 31	/																
BCV0122	CARPENTER, ROUGH Carpenter, Rough	/Y	VO	3.0															
BCV0128	CARPENTER Carpenter	/Y	VO	1.0															

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
			REQUIREMENTS	GRADUATION		
I460314	ELECTRICIAN Electrician	30, 31	/			ELECTRICAL @7 7 G
BCV0603	ELECTRICIAN HELPER Electrician Helper		/Y	VO	2.0	
BCV0640	RES ELECTRICIAN Residential Electrician		/Y	VO	3.0	
BCV0652	COMM ELECTRICIAN Commercial Electrician		/Y	VO	3.0	
BCV0667	INDUST ELECTRICIAN Industrial Electrician		/Y	VO	2.0	
8727200	ELECTRICITY Electricity	9- 12, 30, 31	/			ELECTRICAL @7 7 G
8727210	ELECTRICITY 1 Electricity 1/Level 2		/Y	VO	1.0	
8727220	ELECTRICITY 2 Electricity 2/Level 2		/Y	VO	1.0	
8727230	ELECTRICITY 3 Electricity 3/Level 3		/Y	VO	1.0	
8727240	ELECTRICITY 4 Electricity 4/Level 3		/Y	VO	1.0	
8727250	ELECTRICITY 5 Electricity 5/Level 3		/Y	VO	1.0	
8727260	ELECTRICITY 6 Electricity 6/Level 3		/Y	VO	1.0	
8727270	ELECTRICITY 7 Electricity 7/Level 3		/Y	VO	1.0	
8727280	ELECTRICITY 8 Electricity 8/Level 3		/Y	VO	1.0	
I460312	ELECTRICITY Electricity	30, 31	/			ELECTRICAL @7 7 G
BCV0603	ELECTRICIAN HELPER Electrician Helper		/Y	VO	2.0	
BCV0640	RES ELECTRICIAN Residential Electrician		/Y	VO	3.0	
BCV0652	COMM ELECTRICIAN Commercial Electrician		/Y	VO	3.0	
I460514	INDUST PIPEFITTER Industrial Pipefitter	30, 31	/			BLDG CONST ¶7 ¶G TEC CONSTR ¶7 ¶G PLUMBIN @7 7 G
BCV0568	INDUST PIPEFIT HLP Industrial Pipefitter Helper		/Y	VO	2.0	
BCV0569	INDUST PIPEFITTER Industrial Pipefitter		/Y	VO	2.0	
8721500	PAINT & DECORATING Painting and Decorating	9- 12, 30, 31	/			BLDG CONST ¶7 ¶G TEC CONSTR ¶7 ¶G PAINTING 7 G
8721510	PAINTING 1 Painting 1/Level 2		/Y	VO	1.0	
8721520	PAINTING 2 Painting 2/Level 2		/Y	VO	1.0	
8721530	PAINT & DECORATING 3 Painting and Decorating 3/Level 2		/Y	PA	1.0	
8721540	PAINT & DECORATING 4 Painting and Decorating 4/Level 2		/Y	VO	1.0	

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION	
I460408	PAINT & DECORATING Painting and Decorating	30, 31 /			BLDG CONST ¶7 ¶G TEC CONSTR ¶7 ¶G	PAINTING 7 G
BCV0164	PAINT & PAPER HANG 1 Painter and Paper Hanger 1	/Y	VO	2.0		
BCV0165	PAINT & PAPER HANG 2 Painter and Paper Hanger 2	/Y	VO	2.0		
8721600	PLUMBING TECHNOLOGY Plumbing Technology	9- 12, 30, 31 /			BLDG CONST ¶7 ¶G TEC CONSTR ¶7 ¶G	PLUMBIN @7 7 G
8721610	PLUMBING TECH 1 Plumbing Technology 1/Level 2	/Y	VO	1.0		
8721620	PLUMBING TECH 2 Plumbing Technology 2/Level 2	/Y	VO	1.0		
8721630	PLUMBING TECH 3 Plumbing Technology 3/Level 2	/Y	VO	1.0		
8721640	PLUMBING TECH 4 Plumbing Technology 4/Level 2	/Y	VO	1.0		
8721650	PLUMBING TECH 5 Plumbing Technology 5/Level 2	/Y	VO	1.0		
8721660	PLUMBING TECH 6 Plumbing Technology 6/Level 2	/Y	VO	1.0		
8721670	PLUMBING TECH 7 Plumbing Technology 7/Level 2	/Y	VO	1.0		
I460513	PLUMBING TECHNOLOGY Plumbing Technology	30, 31 /			BLDG CONST ¶7 ¶G TEC CONSTR ¶7 ¶G	PLUMBIN @7 7 G
BCV0508	HLP, PLUMB, PIPEFIT Helper, Plumber, Pipefitter	/Y	VO	2.0		
BCV0540	RESIDENTIAL PLUMBER Residential Plumber	/Y	VO	2.0		
BCV0562	COMMERCIAL PLUMBER Commercial Plumber	/Y	VO	2.0		
BCV0592	PLUMBER Plumber	/Y	VO	1.0		
^a 8723100	^a TILE SETTING Tile Setting	9- 12, 30, 31 /			BLDG CONST ¶7 ¶G TILE SET 7 G	TEC CONSTR ¶7 ¶G
8723110	TILE SETTING 1 Tile Setting 1/Level 2	/Y	VO	1.0		
8723120	TILE SETTING 2 Tile Setting 2/Level 2	/Y	VO	1.0		
8723130	TILE SETTING 3 Tile Setting 3/Level 2	/Y	VO	1.0		
I460103	TILE SETTING Tile Setting	30, 31 /			BLDG CONST ¶7 ¶G TILE SET 7 G	TEC CONSTR ¶7 ¶G
BCV0392	HARD TILE SETTER 1 Hard Tile Setter 1	/Y	VO	1.5		
BCV0393	HARD TILE SETTER 2 Hard Tile Setter 2	/Y	VO	1.5		

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
SUPPLEMENTAL PROGRAMS					
8700400	ARCH & CONSTR - OJT Architecture and Construction Cooperative Education - OJT	9- 12, 30, 31 /M	VO	MULTIPLE	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
I469999	ARCH & CONST-OJT Architecture and Construction Cooperative Education - OJT	30, 31 /			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	VO		BLDG CONST @7 7 G BLDG MAINT @7 7 G DRAFTING @7 7 G 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
8109350	INTRO ARCH & CONST Introduction to Architecture and Co Construction	6- 8 /S	VO		BLDG CONST @7 7 G BLDG MAINT @7 7 G DRAFTING @7 7 G TEC ED 1 @2
8109360	INTRO ARCH & CONS/CP Introduction to Architecture and Co Construction and Career Planning	6- 8 /S	VO		BLDG CONST @7 7 G BLDG MAINT @7 7 G DRAFTING @7 7 G 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 /			

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
C60010R	ELEV CONST MECH- APPR Elevator Constructor Mechanic - Apprenticeship	30, 31	/		
I46051R	FIRE SPRI SYSS- APPR Fire Sprinkler System Technology- Apprenticeship	30, 31	/		
I15050R	GEODETIC 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	/		
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	/		TEC ELEC ¶7 ¶G TV PRO TEC @7 7 G	TEC ED	1 @2
8772310	DIGITAL AUDIO PROD 1 Digital Audio Production 1/Level 2		/Y	PA	1.0		

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
8772320	DIGITAL AUDIO PROD 2 Digital Audio Production 2/Level 2	/Y	PA	1.0	
8772330	DIGITAL AUDIO PROD 3 Digital Audio Production 3/Level 2	/Y	PA	1.0	
8772340	DIGITAL AUDIO PROD 4 Digital Audio Production 4/Level 2	/Y	PA	1.0	
8772350	DIGITAL AUDIO PROD 5 Digital Audio Production 5/Level 2	/Y	PA	1.0	
8772360	DIGITAL AUDIO PROD 6 Digital Audio Production 6/Level 2	/Y	PA	1.0	
8772370	DIGITAL AUDIO PROD 7 Digital Audio Production 7/Level 2	/Y	PA	1.0	
I100230	DIGITAL AUDIO PROD Digital Audio Production	30, 31	/		TEC ELEC ¶7 ¶G TV PRO TEC @7 7 G
RTT0522	BROADCAST ANNOUNCER Broadcast Announcer	/Y	PA	1.0	
RTT0523	AUDIO EQUIP TECH Audio Equipment Technician	/Y	PA	2.0	
RTT0524	SOUND ENGR TECH Sound Engineering Technician	/Y	PA	2.0	
RTT0527	AUDIO BROADCAST TECH Audio Broadcast Technician	/Y	PA	2.0	
8201000	DIGITAL CINEMA PROD Digital Cinema Production	9- 12, 30, 31	/		TEC ED 1 @2 TV PRO TEC @7 7 G
8201010	DIG CINEMA PROD 1 Digital Cinema Production 1/Level 2	/Y	VO	1.0	
8201020	DIG CINEMA PROD 2 Digital Cinema Production 2/Level 2	/Y	VO	1.0	
8201030	DIG CINEMA PROD 3 Digital Cinema Production 3/Level 2	/Y	VO	1.0	
8201040	DIG CINEMA PROD 4 Digital Cinema Production 4/Level 2	/Y	VO	1.0	
8201050	DIG CINEMA PROD 5 Digital Cinema Production 5/Level 2	/Y	VO	1.0	
8201060	DIG CINEMA PROD 6 Digital Cinema Production 6/Level 2	/Y	VO	1.0	
8201070	DIG CINEMA PROD 7 Digital Cinema Production 7/Level 2	/Y	VO	1.0	
K100100	DIGITAL CINEMA PROD Digital Cinema Production	30, 31	/		TEC ED 1 @2 TV PRO TEC @7 7 G
FIL0085	VIDEO PROD MGR Video Production Manager	/Y	VO	2.0	
FIL0086	GRIP & LIGHT TECH Grip and Lighting Technician	/Y	VO	1.0	
FIL0087	MP PROJ/DIG CINEMA Motion Picture Projectionists/Digital Cinematographer	/Y	VO	2.0	
FIL0088	DIG VIDEO EDITOR Digital Video Editor	/Y	VO	1.0	
FIL0089	VISUAL EFFECTS ART Visual Effects Artist	/Y	VO	1.0	

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			
8201200	DIG MEDIA/MM DESIGN Di gital Medi a/Mul timedi a Design	9- 12, 30, 31 /				BUS ED 1 @2 COMPU SCI 6 PRINTING @7 7 G TEC ED 1 @2 TV PRO TEC @7 7 G COMM ART @7 7 G DIGI MEDIA 7 G SECRETAR 7 G TEC ELEC @7 VOE @7
8201210	DIG MEDIA/MM FOUND 1 Di gital Medi a/Mul timedi a Founda tions 1/Level 2	/Y	PA		1.0	
8201220	DIG MEDIA/MM FOUND 2 Di gital Medi a/Mul timedi a Founda tions 2/Level 2	/Y	PA		1.0	
8201230	DIG MEDIA/MM FOUND 3 Di gital Medi a/Mul timedi a Founda tions Level 2	/Y	VO		1.0	
8201240	DIG MEDIA/MM FOUND 4 Di gital Medi a/Mul timedi a Founda tions 4/Level 2	/Y	PA		1.0	
8201250	DIG MEDIA/MM FOUND 5 Di gital Medi a/Mul timedi a Founda tions 5/Level 2	/Y	PA		1.0	
8201260	DIG MEDIA/MM FOUND 6 Di gital Medi a/Mul timedi a Founda tions 6/Level 2	/Y	PA		1.0	
8201270	DIG MEDIA/MM FOUND 7 Di gital Medi a/Mul timedi a Founda tions 7/Level 2	/Y	PA		1.0	
K100200	DIG MEDIA/MM DESIGN Di gital Medi a/Mul timedi a Design	30, 31 /				BUS ED 1 @2 COMPU SCI 6 PRINTING @7 7 G TEC ED 1 @2 TV PRO TEC @7 7 G COMM ART @7 7 G DIGI MEDIA 7 G SECRETAR 7 G TEC ELEC @7 VOE @7
DIG0081	THEORY & FOUND DSN Theory and Foundations of Design	/Y	VO		1.0	
DIG0082	MM DIGITAL/PRINT DSN Mul timedi a Di gital /Print Designer	/Y	VO		2.0	
DIG0083	MM WEB INTERACTIVE Mul timedi a Web Interactive Designer	/Y	VO		2.0	
DIG0084	MM PRODUCER DESIGN Mul timedi a Integrated Producer Designer	/Y	VO		2.0	
8201300	DIGITAL PHOTO TECH Di gital Photography Technol ogy	9- 12, 30, 31 /				PHOTOG @7 7 G
8201310	DIG PHOTOGRAPHY 1 Di gital Photography 1/Level 2	/Y	PA		1.0	
8201320	DIG PHOTOGRAPHY 2 Di gital Photography 2/Level 2	/Y	VO		1.0	
8201330	DIG PHOTOGRAPHY 3 Di gital Photography 3/Level 2	/Y	PA		1.0	
8201340	DIG PHOTOGRAPHY 4 Di gital Photography 4/Level 2	/Y	PA		1.0	
8201350	DIG PHOTOGRAPHY 5 Di gital Photography 5/Level 2	/Y	PA		1.0	

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT	CERTIFICATION
			GRADUATION REQUIREMENTS			
8201360	DIG PHOTOGRAPHY 6 Digital Photography 6/Level 2	/Y	VO		1.0	
8201370	DIG PHOTOGRAPHY 7 Digital Photography 7/Level 2	/Y	PA		1.0	
K100300	DIGITAL PHOTO TECH Digital Photography Technology	30, 31	/		PHOTOG	@7 7 G
PGY0190	PHOTOGRAPHIC SPEC Photographic Specialist	/Y	VO		1.0	
PGY0191	PHOTOGRAPHY TECH Photography Technician	/Y	VO		2.0	
PGY0192	STUDIO PHOTOGRAPHER Studio Photographer	/Y	VO		2.0	
PGY0193	DIGITAL PHOTOGRAPHER Digital Photographer	/Y	VO		2.0	
8772400	DIGITAL VIDEO PROD Digital Video Production	9- 12, 30, 31	/		TEC ED TV PRO	1 @2 TEC @7 7 G
8772410	DIGITAL VIDEO PROD 1 Digital Video Production 1/Level 3	/Y	PA		1.0	
8772420	DIGITAL VIDEO PROD 2 Digital Video Production 2/Level 3	/Y	PA		1.0	
8772430	DIGITAL VIDEO PROD 3 Digital Video Production 3/Level 3	/Y	PA		1.0	
8772440	DIGITAL VIDEO PROD 4 Digital Video Production 4/Level 3	/Y	PA		1.0	
8772450	DIG VID PROD 5 Digital Video Production 5/Level 3	/Y	PA		1.0	
8772460	DIGITAL VIDEO PROD 6 Digital Video Production 6/Level 3	/Y	PA		1.0	
8772470	DIGITAL VIDEO PROD 7 Digital Video Production 7/Level 2	/Y	PA		1.0	
8772480	DIGITAL VIDEO PROD 8 Digital Video Production 8/Level 2	/Y	PA		1.0	
8772490	DIGITAL VIDEO PROD 9 Digital Video Production 9/Level 2	/Y	PA		1.0	
8772491	DIGITAL VIDEO PROD10 Digital Video Production 10/Level 2	/Y	PA		1.0	
I100240	DIGITAL VIDEO PROD Digital Video Production	30, 31	/		TEC ED TV PRO	1 @2 TEC @7 7 G
RTT0530	DIGITAL VIDEO FUND Digital Video Fundamentals	/Y	PA		1.0	
RTT0531	AUD/VID EQUIP TECH Audio and Video Equipment Technician	/Y	PA		1.0	
RTT0532	CAMERA OPERATOR Camera Operator	/Y	PA		2.0	
RTT0533	VIDEO EDITOR Video Editor	/Y	PA		2.0	
RTT0534	MM ARTIST & ANIMATOR Multi-media Artist and Animator	/Y	PA		2.0	
RTT0525	BROADCAST TECH Broadcast Technician	/Y	PA		2.0	
8772200	FILM PDCT EQ OPERAT Film Production Equipment Operations	9- 12, 30, 31	/		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 SUBJECT AREA		CREDIT	CERTIFICATION
			REQUIREMENTS	GRADUATION		
8772210	FILM PDCT EQ OP 1 Film Production Equipment Operations 1/Level 2	/Y	PA		1.0	
8772220	FILM PDCT EQ OP 2 Film Production Equipment Operations 2/Level 2	/Y	VO		1.0	
8772230	FILM PDCT EQ OP 3 Film Production Equipment Operations 3/Level 2	/Y	VO		1.0	
8772240	FILM PDCT EQ OP 4 Film Production Equipment Operations 4/Level 2	/Y	VO		1.0	
8772250	FILM PDCT EQ OP 5 Film Production Equipment Operations 5/Level 2	/Y	VO		1.0	
8772260	FILM PDCT EQ OP 6 Film Production Equipment Operations 6/Level 2	/Y	VO		1.0	
8772270	FILM PDCT EQ OP 7 Film Production Equipment Operations 7/Level 2	/Y	VO		1.0	
8772280	FILM PDCT EQ OP 8 Film Production Equipment Operations 8/Level 2	/Y	VO		1.0	
8772290	FILM PDCT EQ OP 9 Film Production Equipment Operations 9/Level 2	/Y	VO		1.0	
8772291	FILM PDCT EQ OP 10 Film Production Equipment Operations 10/Level 2	/Y	VO		1.0	
8772292	FILM PDCT EQ OP 11 Film Production Equipment Operations 11/Level 2	/Y	VO		1.0	
I100112	FILM PDCT EQ OPERAT Film Production Equipment Operations	30, 31	/			TEC ELEC @7 7 G TV PRO TEC @7 7 G
FIL0080	SET BLD/PROP MAKER Set Builder/Prop Maker		/Y	PA	2.0	
FIL0081	SOUND EQUIPMENT OP Sound Equipment Operator		/Y	VO	1.5	
FIL0082	GRIPS & LIGHTING EQ Grips and Lighting Equipment Operator		/Y	VO	2.5	
FIL0083	EDITING EQUIP OP Editing Equipment Operator		/Y	VO	2.5	
FIL0084	CAMERA ASSISTANT Camera Assistant		/Y	VO	2.5	
K200200	STAGE PRODUCTION Stage Production	30, 31	/			BLDG CONST @7 7 G ELECTRICAL @7 7 G TEC CONSTR @7 7 G TEC ED 1 @2
TPA0390	STAGE PROD ASST Stage Production Assistant		/Y	VO	1.0	
TPA0391	STAGE PROD TECH Stage Production Technician		/Y	VO	1.0	

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
8718100	3-D ANIMATION TECH 3-D Animation Technology	9- 12, 30, 31 /			BUS ED 1 @2 COMPU SCI 6 TEC ELEC \$7 G COMM ART @7 7 G ELECT DP @7 %G TV PRO TEC @7 7 G
8718110	3-D ANIMATION TECH 1 3-D Animation Technology 1/Level 2	/Y	PA	1.0	
8718120	3-D ANIMATION TECH 2 3-D Animation Technology 2/Level 2	/Y	PA	1.0	
8718130	3-D ANIMATION TECH 3 3-D Animation Technology 3/Level 2	/Y	PA	1.0	
8718140	3-D ANIMATION TECH 4 3-D Animation Technology 4/Level 2	/Y	PA	1.0	
8718150	3-D ANIMATION TECH 5 3-D Animation Technology 5/Level 2	/Y	PA	1.0	
8718160	3-D ANIMATION TECH 6 3-D Animation Technology 6/Level 2	/Y	PA	1.0	
8718170	3-D ANIMATION TECH 7 3-D Animation Technology 7/Level 2	/Y	PA	1.0	
I480200	3-D ANIMATION TECH 3-D Animation Technology	30, 31 /			BUS ED 1 @2 COMPU SCI 6 TEC ELEC \$7 G COMM ART @7 7 G ELECT DP @7 %G TV PRO TEC @7 7 G
DIG0060	3-D ANI PROD ASST 3-D Animation Production Assistant	/Y	PA	1.0	
DIG0061	MODELER Modeler	/Y	PA	2.0	
DIG0062	TEXTURE ARTIST/RIG Texture Artist/Rigger	/Y	PA	2.0	
DIG0063	ANI/MOTION CAP TECH Animation/Motion Capture Technician	/Y	PA	2.0	
JOURNALISM & BROADCASTING CAREER PATH (ARPB)					

^8771100	JOURNALISM Journalism	9- 12, 30, 31 /			CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
1006300	JOURNALISM 1 Journalism 1/Level 2	/Y	PA	1.0	
8771110	INDUSTRIAL COMM Industrial Communications/Level 2	/Y	PA	1.0	
8209510	DIGITAL DESIGN 1 Digital Design 1/Level 2	/Y	PA	1.0	
8207110	WEB DESIGN 1 Web Design 1/Level 2	/Y	PA	1.0	
9001110	FOUND OF WEB DESIGN Foundations of Web Design/Level 3	/Y	PA	1.0	
8772100	TELEVISION PROD Television Production	9- 12, 30, 31 /			TEC ED 1 @2 TV PRO TEC @7 7 G TEC ELEC \$7 %G
8772110	TV PRODUCTION 1 Television Production 1/Level 2	/Y	PA	1.0	
8772120	TV PRODUCTION 2 Television Production 2/Level 2	/Y	PA	1.0	
8772130	TV PRODUCTION 3 Television Production 3/Level 3	/Y	VO	1.0	

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
			REQUIREMENTS	GRADUATION		
8772140	TV PRODUCTION 4 Television Production 4/Level 3	/Y	VO		1.0	
8772150	TV PRODUCTION 5 Television Production 5/Level 3	/Y	PA		1.0	
8772160	TV PRODUCTION 6 Television Production 6/Level 3	/Y	PA		1.0	
8772170	TV PRODUCTION 7 Television Production 7/Level 3	/Y	PA		1.0	
8772180	TV PRODUCTION 8 Television Production 8/Level 3	/Y	PA		1.0	
8772190	TV PRODUCTION 9 Television Production 9/Level 3	/Y	PA		1.0	
8772191	TV PRODUCTION 10 Television Production 10/Level 3	/Y	VO		1.0	
8772192	TV PRODUCTION 11 Television Production 11/Level 3	/Y	VO		1.0	
I100104	TELEVISION PROD Television Production	30, 31	/		TEC ED 1 @2 TV PRO TEC @7 7 G	TEC ELEC ¶7 ¶G
RTT0514	STUDIO ASSISTANT Studio Assistant	/Y	PA		3.0	
RTT0516	STUDIO TECHNICIAN Studio Technician	/Y	VO		3.0	
RTT0518	STUDIO TECH/EDITOR AS Studio Technician/Editor Assistant	/Y	PA		3.0	
RTT0520	TV PROD/EDIT TECH Television Production/Editor Technician	/Y	VO		2.0	

 PRINTING TECHNOLOGY CAREER PATH (ARPD)

I480205	DIGITAL PRINT TECH Digital Printing Technology	30, 31	/		PRINTING @7 7 G	
GRA0020	DIG PUBLISH ASST 1 Digital Publishing Assistant 1	/Y	VO		1.5	
GRA0021	DIG PUBLISH ASST 2 Digital Publishing Assistant 2	/Y	VO		1.5	
GRA0022	DESKTOP PUB SPEC 1 Desktop Publishing Specialist 1	/Y	VO		1.5	
GRA0023	DESKTOP PUB SPEC 2 Desktop Publishing Specialist 2	/Y	VO		1.5	
8230100	GRAPHIC COMM&PRINT Graphic Communications and Printing Technology	9- 12, 30, 31	/		PRINTING @7 7 G	
8230110	INTRO TO PRINT TECH Introduction to Printing Technology /Level 2	/Y	VO		1.0	
8230120	BASIC OFFSET PRESS Basic Offset Press Operations/Level 2	/Y	VO		1.0	
8230130	BASIC FIN & BINDERY Basic Finishing and Bindery Operations /Level 2	/Y	VO		1.0	

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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			REQUIREMENTS	GRADUATION		
8230140	DIG PROD PRINT OPS Digital Production Printing Operations /Level 3	/Y	PA		1.0	
8230150	DIG IMAGING & TYPOG Digital Imaging and Typography/Level 3	/Y	VO		1.0	
8230160	PAGE LAYOUT & SCAN Page Layout and Scanning Operations /Level 3	/Y	PA		1.0	
□K300100	GRAPHIC COMM & PRINT Graphic Communications and Printing Technology	30, 31	/			PRINTING @7 7 G
GRA0041	PRINT & GRAPH COMM Printing and Graphic Communications	/Y	PA		3.0	
GRA0042	DIGITAL PROD PRINT Digital Production Printing	/Y	PA		1.0	
GRA0017	DIGITAL PREPRESS OPS Digital Prepress Operations	/Y	PA		3.0	
GRA0045	OFFSET PRINTING TECH Offset Printing Technology	/Y	VO		3.0	
GRA0046	FIN & DIST PROCESSES Finishing and Distribution Processes	/Y	VO		1.0	
^a 8739000	^a PRINT & GRAPHIC COMM Printing and Graphic Communications	9- 12, 30, 31	/			PRINTING @7 7 G
^a 8739010	^a PRINT & GRAPHS COMM1 Printing and Graphic Communications 1/Level 2	/Y	PA		1.0	
^a 8739020	^a PRINT & GRAPHS COMM2 Printing and Graphic Communications 2/Level 2	/Y	PA		1.0	
^a 8739030	^a PRINT & GRAPHS COMM3 Printing and Graphic Communications 3/Level 2	/Y	PA		1.0	
^a 8739040	^a PRINT & GRAPHS COMM4 Printing and Graphic Communications 4/Level 3	/Y	PA		1.0	
^a 8739050	^a PRINT & GRAPHS COMM5 Printing and Graphic Communications 5/Level 3	/Y	PA		1.0	
^a 8739060	^a PRINT & GRAPHS COMM6 Printing and Graphic Communications 6/Level 3	/Y	PA		1.0	
^a 8739070	^a PRINT & GRAPHS COMM7 Printing and Graphic Communications 7/Level 3	/Y	PA		1.0	
^a 8739080	^a PRINT & GRAPHS COMM8 Printing and Graphic Communications 8/Level 3	/Y	PA		1.0	
^a 8739090	^a PRINT & GRAPHS COMM9 Printing and Graphic Communications 9/Level 3	/Y	VO		1.0	

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT	CERTIFICATION
			GRADUATION REQUIREMENTS			
^a 8739091	PRINT &GRAPHS COMM10 Printing and Graphic Communications 10/Level 3	/Y	VO		1.0	
^a 8739092	PRINT &GRAPHS COMM11 Printing and Graphic Communications 11/Level 3	/Y	VO		1.0	
^a 8739093	PRINT &GRAPHS COMM12 Printing and Graphic Communications 12/Level 3	/Y	VO		1.0	
^a I480201	^a PRINT & GRAPHIC COMM Printing and Graphic Communications	30, 31	/			PRINTING @7 7 G
^a GRA0012	COPY CENTER TECH Copy Center Technician	/Y	PA		3.0	
^a GRA0013	PROCESS CAMERA OP Process Camera Operator	/Y	PA		2.0	
^a GRA0014	LAYOUT DSN/PLANNER Layout Designer/Planner	/Y	PA		3.0	
^a GRA0015	DUPPLICATOR OPERATOR Duplicator Operator	/Y	VO		3.0	
^a GRA0016	GEN BINDERY WORKER General Bindery Worker	/Y	VO		1.0	

TELECOMMUNICATIONS CAREER PATH (ARPE)

8730200	TELECOMM TECHNOLOGY Telecommunications Technology	9- 12, 30, 31 /				BUS MACH 7 G ELECTRICAL @7 7 G TELCOM 7 G	COMP SVC 7 G ELECTRONIC @7 7 G
8730210	TELECOM TECH 1 Telecommunications Technology 1/ Level 2	/Y	VO		1.0		
8730220	TELECOM TECH 2 Telecommunications Technology 2/ Level 2	/Y	VO		1.0		
8730230	TELECOM TECH 3 Telecommunications Technology 3/ Level 2	/Y	VO		1.0		
8730240	TELECOM TECH 4 Telecommunications Technology 4/ Level 2	/Y	VO		1.0		
I470301	TELECOMM TECHNOLOGY Telecommunications Technology	30, 31	/			BUS MACH 7 G ELECTRICAL @7 7 G TELCOM 7 G	COMP SVC 7 G ELECTRONIC @7 7 G
EER0051	TELECOMM INSTALL Telecommunications Installer	/Y	VO		1.0		
EER0052	TELECOMM INST & REP Telecommunications Installation and Repair Specialist	/Y	VO		1.0		
EER0055	TELECOMM TECH Telecommunications Technician	/Y	VO		2.0		
I470305	WI RELESS TELE Wi rel ess Telecommunications	30, 31	/			TELCOM 7 G	

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
CTS0004	CPT SUPPORT TECH Computer Support Techni ci an	/Y	VO	1.0	
EEV0505	CPT SUPPORT SPEC Computer Support Speci alist	/Y	VO	2.0	
CTS0006	NETWORK SYSTEMS TECH Network Systems Techni ci an	/Y	VO	1.0	
CTS0007	NETWORK SPECIALIST Network Speci alist	/Y	VO	2.0	
CTS0008	NETWORK ADMIN Network Admi ni strator	/Y	VO	2.0	
CTS0009	WI RELESS TELE ADM Wi rel ess Tel ecommuni cati ons Admi ni strator	/Y	VO	2.0	

VISUAL ARTS CAREER PATH (ARPF)

8718000	COMMERCIAL ART TECH Commerci al Art Technol ogy	9- 12, 30, 31 /			COMM ART @7 7 G	GRAPH COMM 7 G
8718010	CMCL ART TECH 1 Commerci al Art Technol ogy 1/Level 2	/Y	PA	1.0		
8718020	CMCL ART TECH 2 Commerci al Art Technol ogy 2/Level 2	/Y	PA	1.0		
8718030	CMCL ART TECH 3 Commerci al Art Technol ogy 3/Level 2	/Y	PA	1.0		
8718040	CMCL ART TECH 4 Commerci al Art Technol ogy 4/Level 2	/Y	PA	1.0		
8718050	CMCL ART TECH 5 Commerci al Art Technol ogy 5/Level 2	/Y	PA	1.0		
8718060	CMCL ART TECH 6 Commerci al Art Technol ogy 6/Level 2	/Y	PA	1.0		
8718070	COMMERCIAL ART TEC 7 Commerci al Art Technol ogy 7/Level 2	/Y	PA	1.0		
8718080	COMMERCIAL ART TEC 8 Commerci al Art Technol ogy 8/Level 2	/Y	PA	1.0		
8718090	COMMERCIAL ART TEC 9 Commerci al Art Technol ogy 9/Level 3	/Y	PA	1.0		
8718091	COMMERCIAL ART TEC10 Commerci al Art Technol ogy 10/Level 3	/Y	PA	1.0		
I480203	COMMERCIAL ART TECH Commerci al Art Technol ogy	30, 31 /			COMM ART @7 7 G	GRAPH COMM 7 G
^a GRA0036	^a DESKTOP PUB ASST ®GRAPHIC DESI GNER ^a Desktop Publ i shi ng Assi stant ®Graphi c Desi gner	/Y	PA	3.0		
^a GRA0037	^a DESIGN TECH ®DIGITAL DESI GNER ^a Desi gn Techni ci an ®Di gi tal Desi gner	/Y	PA	3.0		

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT	CERTIFICATION
			REQUIREMENTS	GRADUATION		
^a GRA0038	^a ILLUSTRATOR [@] PRINT MEDIA ARTIST ^a Illustrator [@] Print Media Artist	/Y	PA		2.0	
^a GRA0039	^a PRINT MEDIA ARTIST [@] WEB DESIGNER ^a Print Media Artist [@] Web Designer	/Y	PA		2.0	
K600100	CMCL ART TECH 1 Commercial Art Technology 1	30, 31	/			COMM ART @7 7 G GRAPH COMM 7 G
^a GRA0036	^a DESKTOP PUB ASST [@] GRAPHIC DESIGNER ^a Desktop Publishing Assistant [@] Graphic Designer	/Y	PA		3.0	
^a GRA0037	^a DESIGN TECH [@] DIGITAL DESIGNER ^a Design Technician [@] Digital Designer	/Y	PA		3.0	
K600200	CMCL ART TECH 2 Commercial Art Technology 2	30, 31	/			COMM ART @7 7 G GRAPH COMM 7 G
^a GRA0038	^a ILLUSTRATOR [@] PRINT MEDIA ARTIST ^a Illustrator [@] Print Media Artist	/Y	PA		2.0	
^a GRA0039	^a PRINT MEDIA ARTIST [@] WEB DESIGNER ^a Print Media Artist [@] Web Designer	/Y	PA		2.0	
8772000	CMCL PHOTO TECH Commercial Photography Technology	9- 12, 30, 31	/			PHOTOG @7 7 G
8772010	CMCL PHOTO TECH 1 Commercial Photography Technology 1 /Level 2	/Y	PA		1.0	
8772020	CMCL PHOTO TECH 2 Commercial Photography Technology 2 /Level 2	/Y	PA		1.0	
8772030	CMCL PHOTO TECH 3 Commercial Photography Technology 3 /Level 2	/Y	PA		1.0	
8772040	CMCL PHOTO TECH 4 Commercial Photography Technology 4 /Level 2	/Y	PA		1.0	
8772050	CMCL PHOTO TECH 5 Commercial Photography Technology 5 /Level 2	/Y	PA		1.0	
8772060	CMCL PHOTO TECH 6 Commercial Photography Technology 6 /Level 2	/Y	PA		1.0	
8772070	CMCL PHOTO TECH 7 Commercial Photography Technology 7 /Level 2	/Y	PA		1.0	

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT	CERTIFICATION
			REQUIREMENTS	GRADUATION		
8772080	CMCL PHOTO TECH 8 Commercial Photography Technology 8 /Level 2	/Y	PA		1.0	
8772090	CMCL PHOTO TECH 9 Commercial Photography Technology 9 /Level 2	/Y	PA		1.0	
8772091	CMCL PHOTO TECH 10 Commercial Photography Technology 10 /Level 2	/Y	PA		1.0	
8772092	CMCL PHOTO TECH 11 Commercial Photography Technology 11 /Level 2	/Y	PA		1.0	
I480204	CMCL PHOTO TECH Commercial Photography Technology	30, 31	/			PHOTOG @7 7 G
PGY0180	PHOTO IMAGING SPEC 1 Photographic Imaging Specialist 1	/Y	PA		2.0	
PGY0181	PHOTO IMAGING SPEC 2 Photographic Imaging Specialist 2	/Y	PA		2.0	
PGY0182	PHOTO SPEC/LAB TECH Photography Specialist/Lab Technician	/Y	PA		1.0	
PGY0183	PORTRAIT PHOTO 1 Portrait Photographer 1	/Y	PA		1.5	
PGY0184	PORTRAIT PHOTO 2 Portrait Photographer 2	/Y	PA		1.5	
PGY0185	COMM PHOTOGRAPHER Commercial Photographer	/Y	PA		3.0	
K610100	CMCL PHOTO TECH 1 Commercial Photography Technology 1	30, 31	/			PHOTOG @7 7 G
PGY0180	PHOTO IMAGING SPEC 1 Photographic Imaging Specialist 1	/Y	PA		2.0	
PGY0181	PHOTO IMAGING SPEC 2 Photographic Imaging Specialist 2	/Y	PA		2.0	
PGY0182	PHOTO SPEC/LAB TECH Photography Specialist/Lab Technician	/Y	PA		1.0	
K610200	CMCL PHOTO TECH 2 Commercial Photography Technology 2	30, 31	/			PHOTOG @7 7 G
PGY0183	PORTRAIT PHOTO 1 Portrait Photographer 1	/Y	PA		1.5	
PGY0184	PORTRAIT PHOTO 2 Portrait Photographer 2	/Y	PA		1.5	
PGY0185	COMM PHOTOGRAPHER Commercial Photographer	/Y	PA		3.0	
8209600	DIGITAL DESIGN Digital Design	9- 12, 30, 31	/			BUS DP @7 %G CLERICAL @7 7 G COMPU SCI 6 @2 PRINTING @7 7 G STENOG @4 @7 TEC ED 1 @2 VOE @7 BUS ED 1 @2 COMM ART @7 7 G ELECT DP @7 %G SECRETAR 7 G TC COOP ED @7 TEC ELEC \$7 G
8207310	DIGITAL INFO TECH Digital Information Technology/Level 2	/Y	PA		1.0	

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8209510	DI G I T A L D E S I G N 1 Di gi tal Desi gn 1/Level 2	/Y	PA	1.0	
8209520	DI G I T A L D E S I G N 2 Di gi tal Desi gn 2/Level 3	/Y	PA	1.0	
8209530	DI G I T A L D E S I G N 3 Di gi tal Desi gn 3/Level 3	/Y	PA	1.0	
8209540	DI G I T A L D E S I G N 4 Di gi tal Desi gn 4/Level 3	/Y	PA	1.0	
8209550	DI G I T A L D E S I G N 5 Di gi tal Desi gn 5/Level 3	/Y	PA	1.0	
8209560	DI G I T A L D E S I G N 6 Di gi tal Desi gn 6/Level 3	/Y	PA	1.0	
8209570	DI G I T A L D E S I G N 7 Di gi tal Desi gn 7/Level 3	/Y	PA	1.0	
B070600	DI G I T A L D E S I G N Di gi tal Desi gn	30, 31 /			BUS DP @7 %G CLERICAL @7 7 G COMPU SCI 6 @2 PRINTING @7 7 G STENOG @4 @7 TEC ED 1 @2 VOE @7 BUS ED 1 @2 COMM ART @7 7 G ELECT DP @7 %G SECRETAR 7 G TC COOP ED @7 TEC ELEC S7 G
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA	1.0	
GRA0024	PRODUCTION ASST Production Assistant	/Y	PA	1.0	
GRA0025	DIGITAL ASST DSN Di gi tal Assi stant Desi gner	/Y	PA	2.0	
GRA0026	GRAPHIC DESIGNER Graphi c Desi gner	/Y	PA	2.0	
GRA0027	MEDIA DESIGNER Media Desi gner	/Y	PA	2.0	
K700100	DIGITAL DESIGN 1 Di gi tal Desi gn 1	30, 31 /			BUS DP @7 %G CLERICAL @7 7 G COMPU SCI 6 @2 PRINTING @7 7 G STENOG @4 @7 TEC ED 1 @2 VOE @7 BUS ED 1 @2 COMM ART @7 7 G ELECT DP @7 %G SECRETAR 7 G TC COOP ED @7 TEC ELEC S7 G
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA	1.0	
GRA0024	PRODUCTION ASST Producti on Assi stant	/Y	PA	1.0	
GRA0025	DIGITAL ASST DSN Di gi tal Assi stant Desi gner	/Y	PA	2.0	
K700200	DIGITAL DESIGN 2 Di gi tal Desi gn 2	30, 31 /			BUS DP @7 %G CLERICAL @7 7 G COMPU SCI 6 @2 PRINTING @7 7 G STENOG @4 @7 TEC ED 1 @2 VOE @7 BUS ED 1 @2 COMM ART @7 7 G ELECT DP @7 %G SECRETAR 7 G TC COOP ED @7 TEC ELEC S7 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			
GRA0026	GRAPHIC DESIGNER Graphic Designer	/Y	PA		2.0	
GRA0027	MEDIA DESIGNER Media Designer	/Y	PA		2.0	
8506400	FASH TECH & DSN SERS Fashion Technology and Design Services	9- 12, 30, 31 /			APPRL MFG c7 @7 FASH TECH 7 G HOMEMAKING c2 c7 TEC ED 1 @2	G FAM CON SC 1 HME EC OCC c7 TAILORING c7
8506405	DESIGN SERVICES CORE Design Services Core/Level 2	/Y	PA		1.0	
8506410	PRIN OF FASH DSN SER Principles of Fashion Design Services /Level 2	/Y	PA		1.0	
8506420	PATTERN DSN TECNQS Pattern Design Techniques/Level 3	/Y	PA		1.0	
8506430	FASHION DESIGN SPEC Fashion Design Specialist/Level 3	/Y	PA		1.0	
V200400	FASH TECH & DSN SERS Fashion Technology and Design Services	30, 31 /			APPRL MFG c7 @7 FASH TECH 7 G HOMEMAKING c2 c7 TEC ED 1 @2	G FAM CON SC 1 HME EC OCC c7 TAILORING 7 G
HEV0010	RETAIL SALES Retail Sales	/Y	PA		1.0	
HEV0011	TAILOR, DRESSMKR Tailor, Dressmaker, Custom Sewer	/Y	PA		1.0	
HEV0012	FAB & APPAREL PAT Fabric and Apparel Patternmakers	/Y	PA		1.0	
HEV0013	FASHION COOR/STYLIST Fashion Coordinator/Stylist	/Y	PA		1.0	
K500100	FASHION TECH/PROD Fashion Technology and Production Services	30, 31 /			APPRL MFG @7 7 TAILORING 7 G	G FAM CON SC 1 TEC ED 1 @2
CTE0000	GARMENT FAB SPEC Garment Fabrication Specialist	/Y	VO		1.0	
CTE0001	IND SEAMSTRESS Industrial Seamstress	/Y	VO		1.0	
CTE0002	INTRO PATTERNMAKING Introduction to Patternmaking and Entrepreneurship	/Y	VO		1.0	
CTE0003	ALTERATIONS SPEC Alterations Specialist	/Y	VO		2.0	
CTE0004	TAILOR FOR MENSWEAR Tailor for Menswear	/Y	VO		2.0	
CTE0005	FORMALWEAR SPEC Formalwear Specialist	/Y	VO		2.0	
CTE0006	COSTUME SPECIALIST Costume Specialist	/Y	VO		2.0	
CTE0007	ACCESSORIES SPEC Accessories Specialist	/Y	VO		2.0	
CTE0008	INTIMATE APPAREL SP Intimate Apparel Specialist	/Y	VO		2.0	

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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			GRADUATION REQUIREMENTS			
CTE0010	EMBROIDERER Embroiderer	/Y	VO		2.0	
CTE0011	EMBROIDERY DIGITIZER Embroidery Digitizer	/Y	VO		2.0	
CTE0012	CAD PATTERNMAKER I CAD Patternmaker I	/Y	VO		2.0	
CTE0013	CAD PATTERNMAKER II CAD Patternmaker II	/Y	VO		2.0	
^a V200505	^a INTERIOR DECOR FAB Interior Decor Fabrication	30, 31	/			INT DEC 7 G HME EC OCC c7 @7 G FAM CON SC 1 HOMEMAKING c7 @2 @7 G
HEV0420	SEW MACH OP, NONGARM Sewing Machine Operator, Nongarment	/Y	VO		3.0	
HEV0450	DRAPERY OPERATOR Drapery Operator	/Y	VO		1.0	
HEV0451	DRAPERY SUPERVISOR Drapery Supervisor	/Y	PA		3.0	
V200600	INT DECORATING SERS Interior Decorating Services	30, 31	/			FAM CON SC 1 HOMEMAKING c7 @2 @7 G HME EC OCC c7 @7 G INT DEC 7 G
HEV0412	SALES/COLOR CONSULT Sales/Color Consultant	/Y	VO		1.0	
HEV0452	FURN ARR/SPACE PLAN Furniture Arranger/Space Planner	/Y	VO		2.0	
HEV0453	MERCH STYL/VIS DISP Merchandise Stylist/Visual Displayer	/Y	VO		2.0	
HEV0413	INT DEC/INT DEC CONS Interior Decorator/Interior Decorating Consultant	/Y	VO		1.0	
8506500	INTERIOR DESIGN SERS Interior Design Services	9-12, 30, 31	/			APPRL MFG c7 @7 G HME EC OCC c7 INT DES 7 G TAILORING c7 FAM CON SC 1 HOMEMAKING @2 c7 TEC ED 1 @2
8506405	DESIGN SERVICES CORE Design Services Core/Level 2	/Y	PA		1.0	
8506540	PRIN OF INT DSN SERS Principles of Interior Design Services/Level 2	/Y	PA		1.0	
8506550	INT DESIGN TECHNIQUE Interior Design Techniques/Level 2	/Y	PA		1.0	
8506560	INTERIOR DESIGN SPEC Interior Design Specialist/Level 3	/Y	PA		1.0	
^a V200700	^a SEW TEC & SERS Sewing Technology and Services	30, 31	/			TAILORING 7 G HME EC OCC c7 %7 %G FAM CON SC 1 TEC ED 1 @2 APPRL MFG c7 @7 G HOMEMAKING c7 @2 @7 G
HEV0203	SEAMSTRESS Seamstress	/Y	VO		1.0	
HEV0240	POWER MACHINE OP Power Machine Operator	/Y	VO		0.0	
HEV0211	ALTERATIONIST Alterationist	/Y	VO		1.0	
HEV0212	CONSTRUCTION SPEC Construction Specialist	/Y	VO		1.0	

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	CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER	
HEV0217	ALTERATIONIST/FINE Alterationist for Fine Clothing	/Y	VO	1.0			
HEV0232	CUSTOM TAILOR/PAT MK Custom Tailor/Patternmaker	/Y	VO	1.0			
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		
K609999	ARTS, A/V - OJT Arts, A/V Technology and Communication Cooperative Education- OJT	30, 31 /			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	CAR IN FASH & INT Careers in Fashion and Interior Design	6-8 /S			FAM CON SC 1		
8209200	CAR IN FASH & INT CP Careers in Fashion and Interior Design and Career Planning	6-8 /S			FAM CON SC 1		
8209300	CAR IN FASH DESIGN Careers in Fashion Design	6-8 /S			FAM CON SC 1	FASH TECH 7 G	
8209310	CAREERS/FASHION DSGN Careers in Fashion Design	/S	VO	0.0			
8500380	FABR CONSTRUCTION Fabric Construction/Level 2	9-12, 30, 31 /S	PA	0.5	FAM CON SC 1		
8260300	FUND OF A/V, PRINT TE Fundamentals of A/V and Print Technology	6-8 /S	VO		BUS ED 1 @2 TEC ED 1 @2	PRINTING @7 7 G TV PRO TEC @7 7 G	
8260400	FUND OF TELECOMM Fundamentals of Telecommunications	6-8 /S	VO		BUS MACH 7 G ELECTRICAL @7 7 G TV PRO TEC @7 7 G	COMP SVC 7 G ELECTRONIC @7 7 G TELCOM 7 G	
8260500	FUND OF VIS & PA Fundamentals of Visual and Performing Arts	6-8 /S	VO		BUS DP @7 %7 %G CLERICAL @7 7 G COMPU SCI 6 @2 GRAPH ARTS 4 MKTG 1 PHOTOG @7 7 G SECRETAR 7 G TEC ELEC @7 TV PRO TEC \$7	BUS ED 1 @2 COMM ART @7 7 G ELECT DP @7 %7 %G JOURNALISM @1 MG ENG C PRINTING @7 7 G STENO @4 TEC ED 1 @2 VOE @7	
8209350	INTRO ARTS, A/V Introduction to Arts, A/V Technology and Communication	6-8 /S	VO		BUS ED 1 @2 COMPU SCI 6 @2 PRINTING @7 7 G TC COOP ED @7 TV PRO TEC @7 7 G	COMM ART @7 7 G MKTG 1 SECRETAR 7 G TEC ED 1 @2 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	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8209360	INTRO ARTS, A/V & CP Introduction to Arts, A/V Technology and Communication/Career Planning	6-8	/S VO		BUS ED 1 @2 COMPU SCI 6 @2 PRINTING @7 7 G TC COOP ED @7 TV PRO TEC @7 7 G COMM ART @7 7 G MKTG 1 SECRETAR 7 G TEC ED 1 @2 VOE @7
APPRENTICESHIP PROGRAMS					
I47034R	TELECOM TECH - APPR Telecommunications Technology - Apprenticeship	30, 31	/		
----- BUSINESS MANAGEMENT & ADMINISTRATIVE CAREER CLUSTER -----					
MANAGEMENT CAREER PATH (BAPA)					
8301100	BUS MGMT & ANALYSIS Business Management and Analysis	9- 12, 30, 31 /			ACCTING @7 7 G MANAG SUPV 7 G BUS ED 1 @2
8207310	DIGITAL INFO TECH Digital Information Technology/Level 2		/Y PA	1.0	
8215120	BUS & ENTREP PRIN Business and Entrepreneurship Principles/Level 3		/Y VO	1.0	
8203310	ACCOUNTING APPS 1 Accounting Applications 1/Level 3		/Y VO	1.0	
8301110	MGMT & HUMAN RESOURC Management and Human Resources/Level 3		/Y VO	1.0	
8301120	BUSINESS ANALYSIS Business Analysis/ Level 3		/Y VO	1.0	
8215130	LEG ASPECTS OF BUS Legal Aspects of Business/Level 3		/Y VO	1.0	
B060200	BUS MGMT & ANALYSIS Business Management and Analysis	30, 31	/		ACCTING @7 7 G BUS ED 1 @2 TC COOP ED @7 BOOKKEEPIN @4 @7 G MANAG SUPV 7 G VOE @7
OTA0040	INFO TECH ASST Information Technology Assistant		/Y PA	1.0	
MNA0080	SUPR/MANAGER TRAINEE Supervisor/Manager Trainee		/Y VO	2.0	
MNA0082	SUPERVISOR Supervisor		/Y VO	3.0	
^a 8215200	^a BUSINESS SUPV & MGMT Business Supervision and Management	9- 12, 30, 31 /			BUS ED 1 @2 VOE @7 MANAG SUPV 7 G TC COOP ED @7 BOOKKEEPIN @4 @7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8207310	DIGITAL INFO TECH Digital Information Technology/Level 2		/Y PA	1.0	

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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8215120	BUS & ENTREP PRIN Business and Entrepreneurship Principles/Level 3	/Y	VO	1.0	
8215130	LEG ASPECTS OF BUS Legal Aspects of Business/Level 3	/Y	VO	1.0	
8215140	BUS SUPERVISION 1 Business Supervision 1/Level 2	/Y	VO	1.0	
8215150	BUS SUPERVISION 2 Business Supervision 2/Level 2	/Y	VO	1.0	
8215160	BUS SUPERVISION 3 Business Supervision 3/Level 2	/Y	VO	1.0	
8217100	PROMOTIONAL ENT Promotional Enterprise	9- 12, 30, 31 /			BUS DP @7 %G CLERICAL @7 7 G COMPU SCI 6 SECRETAR 7 G TC COOP ED @7 VOE @7 BUS ED 1 @2 COMM ART @7 7 G ELECT DP @7 %G STENOG @4 @7 TEC ELEC S7 G
8207310	DIGITAL INFO TECH Digital Information Technology/Level 2	/Y	PA	1.0	
8217110	CUS PROMO LAYOUT DSN Custom Promotional Layout Design/ Level 2	/Y	PA	1.0	
8217120	PROMO DESIGN MGMT Promotional Design Management/Level 2	/Y	VO	1.0	
8217130	CUS PROMO S&D MGMT Custom Promotional Sales and Distribution Management/Level 2	/Y	PA	1.0	
8217140	PROMO BUS MGMT&SUPV1 Promotional Business Management and Supervision 1/Level 2	/Y	VO	1.0	
8217150	PROMO BUS MGMT&SUPV2 Promotional Business Management and Supervision 2/Level 2	/Y	VO	1.0	
8217160	LEG ASP OF PROMO IND Legal Aspects of Promotional Industry Ownership/Level 2	/Y	VO	1.0	
B017100	PROMOTIONAL ENT Promotional Enterprise	30, 31 /			BUS DP @7 %G CLERICAL @7 7 G COMPU SCI 6 SECRETAR 7 G TC COOP ED @7 VOE @7 BUS ED 1 @2 COMM ART @7 7 G ELECT DP @7 %G STENOG @4 @7 TEC ELEC S7 G
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA	1.0	
GRA0079	CUS PROMO DSN MGR Custom Promotional Design Manager	/Y	PA	2.0	
MNA0081	FIRST LINE SUPR First Line Supervisor	/Y	PA	1.0	
SBM0200	SMALL BUSINESS MGR Small Business Manager	/Y	VO	2.0	
MNA0090	GEN OPS MGR/OWNER General Operations Manager/Owner	/Y	VO	1.0	

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
----- BUSINESS FINANCIAL MANAGEMENT CAREER PATH (BAPB) -----					
8302100	ACCOUNTING APPS Accounting Applications	9- 12, 30, 31 /			ACCTING @7 7 G BUS ED 1 @2 VOE @7 SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8207310	DIGITAL INFO TECH Digital Information Technology/Level 2	/Y	PA	1.0	
8203310	ACCOUNTING APPS 1 Accounting Applications 1/Level 3	/Y	VO	1.0	
8203320	ACCOUNTING APPS 2 Accounting Applications 2/Level 3	/Y	VO	1.0	
8203330	ACCOUNTING APPS 3 Accounting Applications 3/Level 3	/Y	VO	1.0	
B070110	ACCOUNTING OPERATION Accounting Operations	30, 31 /			ACCTING @7 7 G BUS ED 1 @2 VOE @7 BOOKKEEPIN @4 @7 7 G TC COOP ED @7
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA	1.0	
AC00040	ACCOUNTING CLERK Accounting Clerk	/Y	VO	2.0	
AC00041	ACCOUNTING ASSC Accounting Associate	/Y	VO	2.0	
AC00042	ACCOUNTING ASST Accounting Assistant	/Y	VO	1.0	
----- BUSINESS ANALYSIS CAREER PATH (BAPD) -----					
8216100	INTERNATIONAL BUS International Business	9- 12, 30, 31 /			BOOKKEEPIN @4 @7 7 G MANAG SUPV 7 G VOE @7 BUS ED 1 @2 TC COOP ED @7
8207310	DIGITAL INFO TECH Digital Information Technology/Level 2	/Y	PA	1.0	
8203310	ACCOUNTING APPS 1 Accounting Applications 1/Level 3	/Y	VO	1.0	
8216110	INTL BUSINESS SYS International Business Systems/Level 2	/Y	VO	1.0	
8216120	INTL FIN & LAW International Finance and Law/Level 3	/Y	VO	1.0	
8216130	BUSINESS INTERNSHIP Business Internship/Level 2	/Y	VO	1.0	
B060901	INTERNATIONAL BUS International Business	30, 31 /			BOOKKEEPIN @4 @7 7 G MANAG SUPV 7 G VOE @7 BUS ED 1 @2 TC COOP ED @7
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA	1.0	
MNA0000	MANAGER TRAINEE 1 Manager Trainee 1	/Y	VO	2.0	
MNA0001	MANAGER TRAINEE 2 Manager Trainee 2	/Y	VO	2.0	

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
MARKETING & COMMUNICATIONS CAREER PATH (BAPE)					
8200300	ELEC BUSINESS ENTERP Electronic Business Enterprise	9-12, 30, 31 /			BUS DP @7 ELECT DP @7 %G
8207310	DIGITAL INFO TECH Digital Information Technology/Level 2	/Y	PA	1.0	
8200340	INTRO TO E-COMMERCE Introduction to E-Commerce/Level 2	/Y	PA	1.0	
8200350	E-COMMERCE ENTREP E-Commerce Entrepreneurship/Level 2	/Y	VO	1.0	
8200360	E-COM SYS ANL & DSN E-Commerce Systems Analysis and Design/Level 2	/Y	VO	1.0	
B070100	ELEC BUSINESS ENTERP Electronic Business Enterprise	30, 31 /			BUS DP @7 ELECT DP @7 %G
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA	1.0	
MNA0830	E-COMM CUST SER REP E-Commerce Customer Service Representative	/Y	PA	1.0	
MNA0831	E-COMMERCE ENTREP E-Commerce Entrepreneur	/Y	VO	1.0	
MNA0832	E-COMM WEB ASST E-Commerce Web Assistant	/Y	VO	1.0	
ADMINISTRATIVE & INFORMATION SUPPORT CAREER PATH (BAPF)					
8212500	ADMIN OFFICE SPEC Administrative Office Specialist	9-12, 30, 31 /			BUS ED 1 @2 MANAG SUPV 7 G STENOG @4 @7 VOE @7 SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8207310	DIGITAL INFO TECH Digital Information Technology/Level 2	/Y	PA	1.0	
8212110	ADM OFFICE TECH 1 Administrative Office Technology 1/ Level 2	/Y	VO	1.0	
8212120	BUS SOFTWARE APPL 1 Business Software Applications 1/ Level 2	/Y	VO	1.0	
8209510	DIGITAL DESIGN 1 Digital Design 1/Level 2	/Y	PA	1.0	
8212410	ADM OFFICE TECH 2 Administrative Office Technology 2/ Level 2	/Y	VO	1.0	
8212420	ADM OFFICE TECH 3 Administrative Office Technology 3/ Level 2	/Y	VO	1.0	

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8212160	BUS SOFTWARE APPL 2 Business Software Applications 2/ Level 2	/Y	VO	1.0	
B070330	ADMIN OFFICE SPEC Administrative Office Specialist	30, 31 /			ADMIN ASST 7 G CLERICAL @7 7 G SECRETAR 7 G TC COOP ED @7 BUS ED 1 @2 MANAG SUPV 7 G STENOG @4 @7 VOE @7
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA	1.0	
OTA0041	FRONT DESK SPEC Front Desk Specialist	/Y	VO	2.0	
OTA0030	ASST DIG PROD DSN Assistant Digital Production Designer	/Y	PA	1.0	
OTA0043	ADMIN OFFICE SPEC Administrative Office Specialist	/Y	VO	3.0	
^a 8200200	^a COURT RPT Court Reporting	9- 12, 30, 31 /			BUS ED 1 @2 VOE @7 STENOG @4 @7 TC COOP ED @7 SECRETAR 7 G
8207310	DIGITAL INFO TECH Digital Information Technology/Level 2	/Y	PA	1.0	
8200230	COURT RPT TECH 1 Court Reporting Technology 1/Level 2	/Y	VO	1.0	
8200240	COURT RPT TECH 2 Court Reporting Technology 2/Level 2	/Y	VO	1.0	
8200250	COURT RPT TECH 3 Court Reporting Technology 3/Level 2	/Y	VO	1.0	
8200260	COURT RPT TECH 4 Court Reporting Technology 4/Level 2	/Y	VO	1.0	
8200270	COURT RPT TECH 5 Court Reporting Technology 5/Level 2	/Y	VO	1.0	
8200280	COURT RPT TECH 6 Court Reporting Technology 6/Level 2	/Y	VO	1.0	
8200290	COURT RPT TECH 7 Court Reporting Technology 7/Level 2	/Y	VO	1.0	
8200291	COURT RPT TECH 8 Court Reporting Technology 8/Level 2	/Y	VO	1.0	
^a B070602	^a COURT RPT Court Reporting	30, 31 /			BUS ED 1 @2 VOE @7 STENOG @4 @7 TC COOP ED @7 SECRETAR 7 G
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA	1.0	
OTA0044	COURT REPORT TRAN I Court Reporting Transcriptionist I	/Y	VO	1.0	
OTA0045	COURT REPORT TRAN II Court Reporting Transcriptionist II	/Y	VO	2.0	
OTA0046	COURT REPORT TRAN III Court Reporting Transcriptionist III	/Y	VO	1.0	
OTA0047	COURT RPT SCOPIST 1 Court Reporting Scopist 1	/Y	VO	4.0	
OTA0048	COURT REPORTER 1 Court Reporter 1	/Y	VO	2.5	

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT	CERTIFICATION
			GRADUATION REQUIREMENTS			
OTA0049	COURT REPORTER 2 Court Reporter 2	/Y	VO		2.5	
OTA0051	COURT REPORTER 3 Court Reporter 3	/Y	VO		2.5	
OTA0052	COURT REPORTER 4 Court Reporter 4	/Y	VO		2.5	
8306100	COURT RPT TRANSCRIP Court Reporting Transcrip ti on i st	9- 12, 30, 31 /			BUS ED 1 @2 TC COOP ED @7	SECRETAR 7 G VOE @7
8306110	FUND OF COURT REPORT Fundamentals of Court Reporting/ Level 2 OR	/Y	VO		1.0	
8207310	DIGITAL INFO TECH Di gi tal Informati on Technol ogy/ Level 2	/Y	PA		1.0	
8200230	COURT RPT TECH 1 Court Reporting Technology 1/Level 2	/Y	VO		1.0	
8200240	COURT RPT TECH 2 Court Reporting Technology 2/Level 2	/Y	VO		1.0	
8200250	COURT RPT TECH 3 Court Reporting Technology 3/Level 2	/Y	VO		1.0	
8200260	COURT RPT TECH 4 Court Reporting Technology 4/Level 2	/Y	VO		1.0	
B600100	COURT RPT TRANSCRIP Court Reporting Transcrip ti on i st	30, 31 /			BUS ED 1 @2 TC COOP ED @7	SECRETAR 7 G VOE @7
OTA0039	COURT REPORT FUND Court Reporting Fundamentals	/Y	VO		1.0	
OTA0044	COURT REPORT TRAN I Court Reporting Transcrip ti on i st I	/Y	VO		1.0	
OTA0045	COURT REPORT TRAN II Court Reporting Transcrip ti on i st II	/Y	VO		2.0	
OTA0046	COURT REPORT TRAN III Court Reporting Transcrip ti on i st III	/Y	VO		1.0	
^a B700500	^a COURT RPT 1 Court Reporting 1	30, 31 /			BUS ED 1 @2 VOE @7 STENOG @4 @7	TC COOP ED @7 SECRETAR 7 G
OTA0040	INFO TECH ASST Information Technol ogy Assi stant	/Y	PA		1.0	
OTA0044	COURT REPORT TRAN I Court Reporting Transcrip ti on i st I	/Y	VO		1.0	
OTA0045	COURT REPORT TRAN II Court Reporting Transcrip ti on i st II	/Y	VO		2.0	
OTA0046	COURT REPORT TRAN III Court Reporting Transcrip ti on i st III	/Y	VO		1.0	
B700600	COURT REPORTING 2 Court Reporting 2	30, 31 /			BUS ED 1 @2 STENOG @4 @7 VOE @7	SECRETAR 7 G TC COOP ED @7
OTA0047	COURT RPT SCOPIST 1 Court Reporting Scopi st 1	/Y	VO		4.0	
B700700	COURT REPORTING 3 Court Reporting 3	30, 31 /			BUS ED 1 @2 STENOG @4 @7 VOE @7	SECRETAR 7 G TC COOP ED @7

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	
OTA0048	COURT REPORTER 1 Court Reporter 1	/Y	VO	2.5		
OTA0049	COURT REPORTER 2 Court Reporter 2	/Y	VO	2.5		
OTA0051	COURT REPORTER 3 Court Reporter 3	/Y	VO	2.5		
OTA0052	COURT REPORTER 4 Court Reporter 4	/Y	VO	2.5		
8218100	CUSTOMER ASST TECH Customer Assistance Technology	9- 12, 30, 31 /			BUS ED SECRETAR VOE	1 @2 7 G @7 CLERICAL @7 7 G TC COOP ED @7
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	/Y	PA	1.0		
8218010	CUSTOMER ASSIST 1 Customer Assistance 1/Level 2	/Y	VO	1.0		
8218020	CUSTOMER ASSIST 2 Customer Assistance 2/Level 2	/Y	VO	1.0		
B079100	CUSTOMER ASST TECH Customer Assistance Technology	30, 31 /			BUS ED SECRETAR VOE	1 @2 7 G @7 CLERICAL @7 7 G TC COOP ED @7
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA	1.0		
MNA0083	CUSTOMER CARE REP Customer Care Representative	/Y	VO	1.0		
MNA0086	CUSTOMER CARE SPEC Customer Care Specialist	/Y	VO	1.0		
8212000	LEGAL ADMIN SPEC Legal Administrative Specialist	9- 12, 30, 31 /			BUS ED SECRETAR SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE STENOGRAPHY VOE	1 @2 7 G @4 @7 @7 CLERICAL @7 7 G TC COOP ED @7
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	/Y	PA	1.0		
8212110	ADM OFFICE TECH 1 Administrative Office Technology 1/ Level 2	/Y	VO	1.0		
8212120	BUS SOFTWARE APPL 1 Business Software Applications 1/ Level 2	/Y	VO	1.0		
8215130	LEG ASPECTS OF BUS Legal Aspects of Business/Level 3	/Y	VO	1.0		
8212230	LEGAL OFFICE TECH 1 Legal Office Technology 1/Level 2	/Y	VO	1.0		
8212240	LEGAL OFFICE TECH 2 Legal Office Technology 2/Level 2	/Y	VO	1.0		
8212250	LEGAL OFFICE TECH 3 Legal Office Technology 3/Level 2	/Y	VO	1.0		
B072000	LEGAL ADMIN SPEC Legal Administrative Specialist	30, 31 /			BUS ED SECRETAR TC COOP ED	1 @2 7 G @7 CLERICAL @7 7 G STENOGRAPHY @4 @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	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA	1.0	
OTA0041	FRONT DESK SPEC Front Desk Specialist	/Y	VO	2.0	
OTA0042	ADMIN SUPPORT Administrative Support	/Y	VO	1.0	
OTA0050	LEGAL ADMIN SPEC Legal Administrative Specialist	/Y	VO	3.0	
8212300	MEDICAL ADMIN SPEC Medical Administrative Specialist	9- 12, 30, 31 /			BUS ED 1 @2 SECRETAR 7 G TC COOP ED @7 SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE CLERICAL @7 7 G STENOGR @4 @7 VOE @7
8207310	DIGITAL INFO TECH Digital Information Technology/ Level 2	/Y	PA	1.0	
8212110	ADM OFFICE TECH 1 Administrative Office Technology 1/ Level 2	/Y	VO	1.0	
8212120	BUS SOFTWARE APPL 1 Business Software Applications 1/ Level 2	/Y	VO	1.0	
8212201	MEDICAL OFF TECH 1 Medical Office Technology 1/Level 2	/Y	VO	1.0	
8212202	MEDICAL OFF TECH 2 Medical Office Technology 2/Level 2	/Y	VO	1.0	
8212203	MEDICAL OFF TECH 3 Medical Office Technology 3/Level 2	/Y	VO	1.0	
8212204	MED OFF INTERNSHIP Medical Office Internship/Level 2	/Y	VO	1.0	
B070300	MEDICAL ADMIN SPEC Medical Administrative Specialist	30, 31 /			ADMIN ASST 7 G CLERICAL @7 7 G STENOGR @4 @7 VOE @7 SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE BUS ED 1 @2 SECRETAR 7 G TC COOP ED @7
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA	1.0	
OTA0041	FRONT DESK SPEC Front Desk Specialist	/Y	VO	2.0	
OTA0631	MEDICAL OFFICE TECH Medical Office Technologist	/Y	VO	2.0	
OTA0651	MEDICAL ADMIN SPEC Medical Administrative Specialist	/Y	VO	2.0	

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 ED 1 @2 ELECT DP @7 %G STENOGR @4 @7 TEC ELEC @7 7 G BUS DP @7 %G CLERICAL @7 7 G SECRETAR 7 G TC COOP ED @7 VOE @7
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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	
8500375	BLUEPR PROF SUCCESS Blueprint for Professional Success/ Level 2	9- 12, 30, 31 /Y	VO	1.0	AGRI CULTUR 1 @2 FAM CON SC 1 PRAC NURSE @7 %G	BUS ED 1 @2 MKTG 1 @2 TEC ED 1 @2
8200420	BUSINESS COOP MGMT Business Cooperative Education Organization and Management	9- 12, 30, 31 /M	VO	MULTIPLE	ANY BUSINESS ED/TC BUS ED 1 @2 VOE @7	COOP ED E G TC COOP ED @7
B079998	BUSINESS COOP MGMT Business Cooperative Education Organization and Management	30, 31 /M	VO		ANY BUSINESS ED/TC BUS ED 1 @2 VOE @7	COOP ED E G TC COOP ED @7
8200410	BUSINESS COOP ED OJT Business Cooperative Education-OJT	9- 12, 30, 31 /M	VO	MULTIPLE	ANY BUSINESS ED G ANY BUSINESS ED/TC BUS ED 1 @2 VOE @7	COOP ED E G TC COOP ED @7
B079999	BUSINESS COOP OJT Business Cooperative Education-OJT	30, 31 /M	VO		ANY BUSINESS ED G ANY BUSINESS ED/TC BUS ED 1 @2 VOE @7	COOP ED E G TC COOP ED @7
8200100	BUSINESS DIR STUDY Business Education Directed Study	11- 12, 30, 31/M	VO	MULTIPLE	ANY BUSINESS ED G BUS ED 1 @2	
8299990	BUSINESS ED TRAN Business Education Transfer	9- 12, 30, 31 /			NA	
B000000	BUSINESS ED TRAN Business Education Transfer	30, 31 /			NA	
8200110	BUSINESS KEYBD Business Keyboarding	6- 8 /S	VO		BUS ED 1 @2 VOE @7	TC COOP ED @7
8200130	BUS KEY & CAR PLAN Business Keyboarding and Career Planning	6- 8 /S	VO		BUS ED 1 @2 VOE @7	TC COOP ED @7
8200120	BUSINESS LEAD SKLS Business Leadership Skills	6- 8 /S	VO		BUS ED 1 @2 VOE @7	TC COOP ED @7
8200520	CPTR APPL BUS 1 Computer Applications in Business 1	6- 8 /S	VO		BUS ED 1 @2 TC COOP ED @7 VOE @7	COMPU SCI 6 TEC ED 1 @2
8200220	CPTR APPL BUS 1 & CP Computer Applications in Business 1 and Career Planning	6- 8 /S	VO		BUS ED 1 @2 TC COOP ED @7 VOE @7	COMPU SCI 6 TEC ED 1 @2
8200210	CPTR APPL BUSINESS 2 Computer Applications in Business 2	6- 8 /S	VO		BUS ED 1 @2 TC COOP ED @7	COMPU SCI 6 VOE @7
8200211	CPTR APPL BUSINESS 3 Computer Applications in Business 3	6- 8 /S	VO		BUS ED 1 @2 COMPU SCI 6 STENOGRAPHY @4 @7 VOE @7	CLERICAL @7 7 G SECRETAR 7 G TC COOP ED @7
8200212	CPTR APPL BUSINESS 4 Computer Applications in Business 4	6- 8 /S	VO		BUS ED 1 @2 COMPU SCI 6 STENOGRAPHY @4 @7 VOE @7	CLERICAL @7 7 G SECRETAR 7 G TC COOP ED @7
8207010	EMERG TECH BUSINESS Emerging Technology in Business/ Level 2	9- 12, 30, 31 /Y	VO	1.0	ACCTING @7 7 G BUS DP @7 %G CLERICAL @7 7 G MANAG SUPV @7 %G TC COOP ED T G VOE @7 7 G	BOOKKEEPIN @4 @7 7 G BUS ED 1 @2 COMPU SCI 6 SECRETAR 7 G TEC ELEC @7

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
8370350	INTRO BUSINESS Introduction to Business, Management and Administration	6-8	/S VO	BUS ED VOE	1 @2 @7 TC COOP ED @7
8370360	INTRO BUSINESS & CP Introduction to Business, Management and Administration/Career Planning	6-8	/S VO	BUS ED VOE	1 @2 @7 TC COOP ED @7

| EDUCATION & TRAINING CAREER CLUSTER |

PROFESSIONAL SUPPORT SERVICES CAREER PATH (EDPA)

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

TEACHING/TRAINING CAREER PATH (EDPC)

V200206	CHILD CARE CTR OPS Child Care Center Operations	30, 31 /			CH CARE TR 7 G FAM CON SC 1 HOMEMAKING c7 @2 %7 %G PRESCH ED A E CHILD ED @0 HME EC OCC c7 %7 %G PK PRIMARY H PRIMARY ED @B
HEV0160	CHILD CARE CTR DIR Child Care Center Director	/Y	VO	0.0	
8405100	EARLY CHILD ED Early Childhood Education	9-12, 30, 31 /			E CHILD ED @0 HME EC OCC c7 PK PRIMARY H PRIMARY ED @B FAM CON SC 1 HOMEMAKING @2 c7 PRESCH ED A
8405110	EARLY CHILD 1 Early Childhood Education 1/Level 2	/Y	VO	1.0	
8405120	EARLY CHILD 2 Early Childhood Education 2/Level 2	/Y	VO	1.0	

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			
8405130	EARLY CHILD 3 Early Childhood Education 3/Level 3		/Y	PA	1.0	
8405140	EARLY CHILD 4 Early Childhood Education 4/Level 3		/Y	VO	1.0	
E300100	EARLY CHILD ED Early Childhood Education	30, 31	/			CH CARE TR 7 G FAM CON SC 1 PRESCH ED A SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE E CHILD ED @0 PK PRIMARY H PRIMARY ED @B
HEV0870	CHILD CARE WKR 1 Child Care Worker 1		/Y	VO	1.0	
HEV0871	CHILD CARE WKR 2 Child Care Worker 2		/Y	VO	1.0	
HEV0872	TEACHER AIDE (PRESC) Teacher Aide (Preschool)		/Y	PA	1.0	
HEV0873	PRESCHOOL TEACHER Preschool Teacher		/Y	VO	1.0	
V200410	FAM CHILD CARE TRAIN Family Child Care Training	30, 31	/			CH CARE TR 7 G FAM CON SC 1 HOMEMAKING c7 @2 %7 %G PRESCH ED A E CHILD ED @0 HME EC OCC c7 %7 %G PK PRIMARY H PRIMARY ED @B
HEV0119	FAM CHILD CARE PROV Family Child Care Provider		/Y	VO	0.0	
V200310	SCH AGE CER TRAIN School Age Certification Training	30, 31	/			E CHILD ED @0 PK PRIMARY H PRIMARY ED @B SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE FAM CON SC 1 PRESCH ED A
HEV0112	CHILD CARE WKR - SA Child Care Worker - School Age		/Y	VO	0.0	
HEV0190	SCHOOL AGE CARE PROF School Age Care Professional		/Y	VO	0.5	
8500160	S SCH AGE CER TRAIN Secondary School Age Certification Training	9- 12, 30, 31	/			E CHILD ED @0 PK PRIMARY H PRIMARY ED @B SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE FAM CON SC 1 PRESCH ED A
8500170	S SCH AGE CER TRAIN1 Secondary School Age Certification Training 1/Level 2		/Y	VO	1.0	
8500175	S SCH AGE CER TRAIN2 Secondary School Age Certification Training 2/Level 2		/Y	VO	1.0	
8500180	S SCH AGE CER TRAIN3 Secondary School Age Certification Training 3/Level 2		/Y	VO	1.0	
8500185	S SCH AGE CER TRAIN4 Secondary School Age Certification Training 4/Level 2		/Y	VO	1.0	

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
GENERAL PROGRAMS					
8500310	CHILD DEV Child Development/Level 2	9-12, 30, 31 /S	VO	0.5	E CHILD ED @0 PK PRIMARY H PRIMARY ED @B FAM CON SC 1 PRESCH ED A
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 c7 PK PRIMARY H PRIMARY ED @B FAM CON SC 1 HOMEMAKING c7 @2 PRESCH ED A
V209999	ED & TRAIN - OJT Education and Training Cooperative Education - OJT	30, 31 /		MULTIPLE	E CHILD ED @0 HME EC OCC c7 %7 %G PK PRIMARY H PRIMARY ED @B FAM CON SC 1 HOMEMAKING c7 @2 %7 %G PRESCH ED A
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 SC 1 PRESCH ED A
8409100	FUND OF CAREER IN ED Fundamentals of Careers in Education	6-8 /S	VO		SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE FAM CON SC 1
8409200	FUND OF CAREERS & CP Fundamentals of Careers in Education and Career Planning	6-8 /S	VO		FAM CON SC 1
8440350	INTRO ED & TRAIN Introduction to Education and Training	6-8 /S	VO		ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER E CHILD ED @0 PK PRIMARY H PRIMARY ED @B FAM CON SC 1 PRESCH ED A
8440360	INTRO ED & TRAIN/CP Introduction to Education and Training and Career Planning	6-8 /S	VO		ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER E CHILD ED @0 PK PRIMARY H PRIMARY ED @B FAM CON SC 1 PRESCH ED A
APPRENTICESHIP PROGRAMS					
V20021R	EARLY CHILD ED-APPR Early Childhood Education - Apprenticeship	30, 31 /			

|ENERGY CAREER CLUSTER|

ENERGY

I460303	ELEC LINE SERV & RPR Electrical Line Service and Repair	30, 31 /		MULTIPLE	ELECTRICAL @7 7 G TEC ELEC @7 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	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
EEV0151	ELECT POWERLINE INS1 Electrical Powerline Installer 1	/Y	VO	MULTIPLE	
9700200	ENERGY GENERATION TE Energy Generation Techni cian	9- 12, 30, 31 /			CERTIFICATION BY COURSE ELECTRICAL @7 7 G IND ENGR 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE TEC ED 1 @2
8006110	ENERGY INDUSTRY FUND Energy Industry Fundamentals/Level 3	/Y	VO	1.0	
8006120	INTRO TO ALT ENERGY Introduction to Alternative Energy/ Level 3	/Y	EQ	1.0	
9700210	ENERGY GENERATION TE Energy Generation Techni cian/Level 3	/Y	VO	1.0	
X600200	ENERGY GENERATION TE Energy Generation Techni cian	30, 31 /			ELECTRICAL @7 7 G IND ENGR 7 G TEC ED 1 @2
EEV0202	ENERGY GENERATION TE Energy Generation Techni cian	/Y	VO	3.0	
9700300	ENERGY TECHNICIAN Energy Techni cian	9- 12, 30, 31 /			CERTIFICATION BY COURSE ELECTRICAL @7 7 G IND ENGR 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE TEC ED 1 @2
8006110	ENERGY INDUSTRY FUND Energy Industry Fundamentals/Level 3	/Y	VO	1.0	
8727210	ELECTRICITY 1 Electricity 1/Level 2	/Y	VO	1.0	
8006120	INTRO TO ALT ENERGY Introduction to Alternative Energy/ Level 3	/Y	EQ	1.0	
8727220	ELECTRICITY 2 Electricity 2/Level 2	/Y	VO	1.0	
X600600	ENERGY TECHNICIAN Energy Techni cian	30, 31 /			ELECTRICAL @7 7 G IND ENGR 7 G TEC ED 1 @2
ETP0090	ENERGY TECHNICIAN 1 Energy Techni cian 1	/Y	VO	2.0	
ETP0091	ENERGY TECHNICIAN 2 Energy Techni cian 2	/Y	VO	2.0	
^a 9700100	^a POWER DIST TECH Power Di stri buti on Techni cian	9- 12, 30, 31 /			CERTIFICATION BY COURSE ELECTRICAL @7 7 G IND ENGR 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE TEC ED 1 @2
8006110	ENERGY INDUSTRY FUND Energy Industry Fundamentals/Level 3	/Y	VO	1.0	
8006120	INTRO TO ALT ENERGY Introduction to Alternative Energy/ Level 3	/Y	EQ	1.0	
9700110	POWER DIST TECH Power Di stri buti on Techni cian/Level 3	/Y	VO	1.0	
^a X600100	^a POWER DIST TECH Power Di stri buti on Techni cian	30, 31 /			ELECTRICAL @7 7 G IND ENGR 7 G TEC ED 1 @2
EEV0201	POWER DIST TECH Power Di stri buti on Techni cian	/Y	VO	3.0	

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			
8006100	SOLAR ENERGY TECH Solar Energy Technology	9- 12, 30, 31 /				CERTIFICATION BY COURSE ELECTRICAL @7 7 G IND ENGR 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE TEC ED 1 @2
8006110	ENERGY INDUSTRY FUND Energy Industry Fundamentals/Level 3		/Y	VO	1.0	
8006120	INTRO TO ALT ENERGY Introduction to Alternative Energy/ Level 3		/Y	EQ	1.0	
8006130	SOLAR ENERGY TECH Solar Energy Technician/Level 3		/Y	VO	1.0	
A600200	SOLAR ENERGY TECH Solar Energy Technology	30, 31 /				ELECTRICAL @7 7 G IND ENGR 7 G TEC ED 1 @2
EEV0200	SOLAR ENERGY TECH Solar Energy Technician		/	VO	3.0	
X600400	SOLAR PHOTO SYS DSGN Solar Photovoltaic System Design, Installation and Maintenance - Entry Level	30, 31 /				AC HEAT ME @7 7 G BLDG CONST @7 7 G BLDG MAINT @7 7 G ELECTRICAL @7 7 G TEC CONSTR @7 7 G
EEV0205	SOLAR PHOTO HELPER Solar Photovoltaic System Installation and Maintenance Helper		/Y	VO	1.0	
EEV0206	SOLAR PHOTO TECH Solar Photovoltaic System Installation and Maintenance Technician		/Y	VO	3.0	
X600300	SOLAR THER SYS DSGN Solar Thermal System Design, Installation and Maintenance - Entry Level	30, 31 /				AC HEAT ME @7 7 G BLDG CONST @7 7 G BLDG MAINT @7 7 G ELECTRICAL @7 7 G PLUMBIN @7 7 G TEC CONSTR @7 7 G
EEV0203	SOL THER SY DSG, HLP Solar Thermal System Design, Installation and Maintenance Helper		/Y	VO	2.0	
EEV0204	SOL THER SY DSG, TEC Solar Thermal System Design, Installation and Maintenance Technician		/Y	VO	2.0	
^a 9700500	^a TURB GEN MAINT, INSP Turbine Generator Maintenance, Inspection and Repair	9- 12, 30, 31 /				BLDG CONST @7 7 G IND ENGR 7 G MILLWRIGHT 7 G TEC CONSTR @7 7 G
9700510	TURB GEN MAINT SK 1 Turbine Generator Maintenance Skills 1/Level 2		/S	VO	1.0	
9700520	TURB GEN MAINT SK 2 Turbine Generator Maintenance Skills 2/Level 2		/S	VO	1.0	
9700530	TURB GEN MAINT SK 3 Turbine Generator Maintenance Skills 3/Level 2		/S	VO	1.0	
9700540	TURBINE GEN MAINT 4 Turbine Generator Maintenance 4/Level 2		/S	VO	1.0	
9700550	TURBINE GEN MAINT 5 Turbine Generator Maintenance 5/Level 2		/S	VO	1.0	

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
9700560	TURBINE GEN MAINT 6 Turbine Generator Maintenance 6/Level 2	/S	VO	1.0	
9700570	TURBINE GEN MECH 7 Turbine Generator Mechanic 7/Level 2	/S	VO	1.0	
9700580	TURBINE GEN MECH 8 Turbine Generator Mechanic 8/Level 2	/S	VO	1.0	
9700590	TURBINE GEN MECH 9 Turbine Generator Mechanic 9/Level 2	/S	VO	1.0	
X600500	TURB GEN MAINT, INSP Turbine Generator Maintenance, Inspection and Repair	30, 31	/		BLDG CONST @7 7 G MILLWRIGHT 7 G IND ENGR 7 G TEC CONSTR @7 7 G
EEV0140	TURB GEN MAINT TE I Turbine Generator Maintenance Technician I	/Y	VO	3.0	
EEV0141	TURB GEN MAINT TE II Turbine Generator Maintenance Technician II	/Y	VO	3.0	
EEV0142	TURB GEN MAINT MECH Turbine Generator Maintenance Mechanic	/Y	VO	3.0	
ENERGY - SUPPLEMENTAL PROGRAMS					

9700420	ENERGY OJT Energy Cooperative Education - OJT	9- 12, 30, 31	/M	VO	MULTIPLE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
X909999	ENERGY - OJT Energy Cooperative Education- OJT	30, 31	/		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	VO	ELECTRICAL @7 7 G TEC ED 1 @2 IND ENGR 7 G
9709350	INTRO TO ENERGY Introduction to Energy	6- 8	/S	VO	ELECTRICAL @7 7 G TEC ED 1 @2 IND ENGR 7 G
9709360	INTRO TO ENERGY & CP Introduction to Energy and Career Planning	6- 8	/S	VO	ELECTRICAL @7 7 G TEC ED 1 @2 IND ENGR 7 G
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	/		

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
----- 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 /			AEROSPACE 7 G ENG TEC 7 G ENG 7 G TEC ED 1 @2
8600580	AEROSPACE TECH I Aerospace Technologies I/Level 3	/Y	EQ	1.0	
8600680	AEROSPACE TECH II Aerospace Technologies II/Level 3	/Y	EQ	1.0	
8601780	AEROSPACE TECH III Aerospace Technologies III/Level 3	/Y	EQ	1.0	
8401100	APPLD ENGINEER TECH Applied Engineering Technology	9- 12, 30, 31 /			ENG 7 G TEC ED 1 @2 ENG TEC 7 G
8401110	APPLD ENG TECH I Applied Engineering Technology I/ Level 3	/Y	PA	1.0	
8401120	APPLD ENG TECH II Applied Engineering Technology II/ Level 3	/Y	VO	1.0	
8401130	APPLD ENG TECH III Applied Engineering Technology III/ Level 3	/Y	PA	1.0	
9410100	APPLIED ROBOTICS Applied Robotics	9- 12, 30, 31 /			ENG 7 G TEC ED 1 @2 ROBOTICS 7 G ENG TEC 7 G
9410110	FOUND OF ROBOTICS Foundations of Robotics/Level 3	/Y	PA	1.0	
9410120	ROBOTIC DESIGN ESS Robotic Design Essentials/Level 3	/Y	PA	1.0	
9410130	ROBOTIC SYSTEMS Robotic Systems/Level 3	/Y	PA	1.0	
9410140	ROBOTIC APPL CAP Robotic Applications Capstone/Level 3	/Y	PA	1.0	
8601000	COMMUNICATIONS TECH Communications Technology	9- 12, 30, 31 /			COMM ART @7 7 G PRINTING @7 7 G GRAPH ARTS @4 TEC ED 1 @2
8601010	COMM TECH I Communications Technology I/Level 3	/Y	PA	1.0	
8601020	COMM TECH II Communications Technology II/Level 3	/Y	PA	1.0	
8601030	COMM TECH III Communications Technology III/Level 3	/Y	PA	1.0	
^a 8600800	^a DRAFT/ILL DESIGN TEC Drafting/Illustrative Design Technology	9- 12, 30, 31 /			GRAPH ARTS @4 TEC ED 1 @2 ENG 7 G DRAFTING @7 7 G
^a 8600810	^a DRAFT/ILL DSN TECH I Drafting/Illustrative Design Technology I/Level 2	/Y	PA	1.0	

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
^a 8600820	DRAFT/ILL DSN TECH I Drafting/Illustrative Design Technology II/Level 2	/Y	PA	1.0	
^a 8600830	DRAFT/ILL DSN TECH III Drafting/Illustrative Design Technology III/Level 3	/Y	PA	1.0	
8600900	ELECTRONICS TECH Electronics Technology	9- 12, 30, 31 /			ELECTRICAL @4 @7 7 G ENG 7 G TEC ELEC @7 7 G ELECTRONIC @7 7 G TEC ED 1 @2
8600910	ELECTRONICS TECH I Electronics Technology I/Level 3	/Y	VO	1.0	
8600920	ELECTRONICS TECH II Electronics Technology II/Level 3	/Y	VO	1.0	
8600930	ELECTRONICS TECH III Electronics Technology III/Level 3	/Y	VO	1.0	
^a 9400200	^a ENGINEER BY DESIGN Engineering by Design	9- 12, 30, 31 /			TEC ED 1 @2 ENG 7 G
^a 8600120	FOUND OF TECH Foundations of Technology/Level 2	/Y	VO	1.0	
^a 8600130	IMPACTS OF TECH Impacts of Technology/Level 2	/Y	VO	1.0	
^a 8600140	INTRO TO DESIGN Introduction to Design/Level 2	/Y	PA	1.0	
^a 8600150	TECHNOLOGICAL ISSUES Technological Issues/Level 2	/Y	VO	1.0	
^a 8600160	ENGINEERING DESIGN Engineering Design/Level 2	/Y	PA	1.0	
9400300	ENGINEERING PATHWAYS Engineering Pathways	9- 12, 30, 31 /			ENG 7 G TEC ED 1 @2
8600550	INTRO TO ENGR DESIGN Introduction to Engineering Design/ Level 3	/Y	PA	1.0	
8600520	PRIN OF ENGINEERING Principles of Engineering/Level 3	/Y	PA	1.0	
8600530	DIGITAL ELECTRONICS Digital Electronics/Level 3	/Y	PA	1.0	
8600560	COMP INTG MAN OR Computer Integrated Manufacturing/ Level 3 OR	/Y	PA	1.0	
8600590	CIV ENGR & ARCH OR Civil Engineering and Architecture/ Level 3 OR	/Y	PA	1.0	
8600620	AERO ENGINEERING Aerospace Engineering/Level 3 OR	/Y	PA	1.0	
8600630	BIOTECH ENGINEERING Biotechnical Engineering/Level 3 OR	/Y	PA	1.0	
8600650	ENGR DESIGN & DEV Engineering Design and Development/ Level 3	/Y	PA	1.0	
^a 8607000	^a ENGINEERING TECH SEC Engineering Technology - Secondary	9- 12, 30, 31 /			ENG 7 G ENG TEC 7 G TEC ED 1 @2

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT	CERTIFICATION	
			REQUIREMENTS	GRADUATION			
^a 8600570	ENGINEERING TECH I Engineering Technology I/Level 2	/Y	PA		1.0		
^a 8600670	ENGINEERING TECH II Engineering Technology II/Level 2	/Y	PA		1.0		
^a 8601770	ENGINEERING TECH III Engineering Technology III/Level 3	/Y	PA		1.0		
8404100	MARITIME TECHNOLOGY Maritime Technology	9- 12, 30, 31 /			SEAMANSHIP	7 G	TEC ED 1 @2
8404110	MARITIME 1 Maritime 1/Level 3	/Y	VO				
8404120	MARITIME 2 Maritime 2/Level 3	/Y	VO				
8404130	MARITIME 3 Maritime 3/Level 3	/Y	VO				
8404140	MARITIME 4 Maritime 4/Level 3	/Y	VO				
8601100	MAT & PROCS TECH Materials and Processes Technology	9- 12, 30, 31 /			CAB WOODWK @7 7 G TEC ED 1 @2		ENG 7 G WOODWORKIN @4
8601110	MAT & PROCS TECH I Materials and Processes Technology I/Level 2	/Y	PA		1.0		
8601120	MAT & PROCS TECH II Materials and Processes Technology II/Level 2	/Y	PA		1.0		
8601130	MAT & PROCS TECH III Materials and Processes Technology III/Level 3	/Y	PA		1.0		
8601300	POWER & ENERGY TECH Power and Energy Technology	9- 12, 30, 31 /			AIR MECH @7 7 G AUTO MECH @7 7 G ENG 7 G TEC ED 1 @2 TRANSPORT @4 @7 7 G		AUTO IND @7 %7 %G DIESEL MEC @7 7 G GASENG RPR @7 7 G TEC MECH @7 7 G
8601310	POWER ENRG TECH I Power and Energy Technology I/Level 2	/Y	VO		1.0		
8601320	POWER ENRG TECH II Power and Energy Technology II/Level 2	/Y	VO		1.0		
8601330	POWER ENRG TECH III Power and Energy Technology III/ Level 3	/Y	VO		1.0		
8604000	PRODUCTION TECH Producti on Technology	9- 12, 30, 31 /			ENG 7 G AUTO PROD 7G ENG TEC 7 G		TEC ED 1 @2 G
8600540	PRODUCTION TECH I Producti on Technology I/Level 2	/Y	PA		1.0		
8600640	PRODUCTION TECH II Producti on Technology II/Level 2	/Y	PA		1.0		
8601740	PRODUCTION TECH III Producti on Technology III/Level 3	/Y	PA		1.0		
9400100	SCIENTIFIC VISUALIZ Scientific Visualizati on	9- 12, 30, 31 /			COMPU SCI 6 SCI VIZ 7 G		ENG 7 G TEC ED 1 @2
8207310	DIGITAL INFO TECH Di gital Informati on Technology/Level 2	/Y	PA		1.0		

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			
9400110	PRIN SCIEN VISUALIZ Principles of Scientific Visualization /Level 3	/Y	VO	1.0				
9400120	DATA MODELING Data Modeling/Level 3	/Y	PA	1.0				
9400130	ADV APPS SCI VISUAL Advanced Applications in Scientific Visualization/Level 3	/Y	PA	1.0				
9400140	SCIVIZ INTERNSHIP SciViz Internship/Level 2	/Y	VO	1.0				
8401000	TECHNICAL DESIGN Technical Design	9- 12, 30, 31 /			DRAFTING @7 7 G	ENG 7 G		
8401010	TECHNICAL DESIGN 1 Technical Design 1/Level 3	/Y	PA	1.0	GRAPH ARTS @4	TEC ED 1 @2		
8401020	TECHNICAL DESIGN 2 Technical Design 2/Level 3	/Y	PA	1.0				
8401030	TECHNICAL DESIGN 3 Technical Design 3/Level 3	/Y	PA	1.0				
9400900	TECHNOLOGICAL SYS Technological Systems	9- 12, 30, 31 /			SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE			
8600410	COMMUNICATIONS SYSS Communications Systems/Level 2	/S	PA	0.5				
8600420	POWER TRANS SYSTEMS Power and Transportation Systems/ Level 2	/S	VO	0.5				
8600430	PRODUCTION SYSTEMS Production Systems/Level 2	/S	VO	0.5				
8600440	^a DRAFT/ILL DSN TECH [@] TECH DESIGN SYSTEMS ^a Drafting/Illustrative Design Systems /Level 2 [@] Technical Design Systems/Level 2	/S	PA	0.5				
8600450	ELECTRONICS SYSS Electronics Systems/Level 2	/S	VO	0.5				
8600460	ENGINEERING SYSS Engineering Systems/Level 2	/S	VO	0.5				
8600470	APPLIED TECH SYSS Applied Technology Systems/Level 2	/S	VO	0.5				
8600480	^a HOME TECH SYSTEMS [@] CONSTRUCT TECH SYS ^a Home Technology Systems/Level 2 [@] Construction Technology Systems/ Level 2	/S	VO	0.5				
9400910	AEROSPACE TECH SYS Aerospace Technology Systems/Level 2	/S	VO	0.5				
9400920	ROBOTICS SYSTEMS Robotics Systems/Level 2	/S	PA	0.5				
8600100	TECHNOLOGY STUDIES Technology Studies	9- 12, 30, 31 /			ENG 7 G	TEC ED 1 @2		
8600510	TECH STUDIES I Technology Studies I/Level 2	/Y	PA	1.0				

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			
8600610	TECH STUDIES II Technology Studies II/Level 2	/Y	PA		1.0	
8601710	TECH STUDIES III Technology Studies III/Level 2	/Y	PA		1.0	
^a 8600400	^a TECHNOLOGY SYSTEMS Technology Systems	9- 12, 30, 31 /				SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8600410	COMMUNICATIONS SYSS Communications Systems/Level 2	/S	PA		0.5	
8600420	POWER TRANS SYSTEMS Power and Transportation Systems/ Level 2	/S	VO		0.5	
8600430	PRODUCTION SYSTEMS Production Systems/Level 2	/S	VO		0.5	
^a 8600440	^a DRAFT/ILL DSN TECH [@] TECH DESIGN SYSTEMS ^a Drafting/Illustrative Design Systems /Level 2 [@] Technical Design Systems/Level 2	/S	PA		0.5	
8600450	ELECTRONICS SYSS Electronics Systems/Level 2	/S	VO		0.5	
8600460	ENGINEERING SYSS Engineering Systems/Level 2	/S	VO		0.5	
8600470	APPLIED TECH SYSS Applied Technology Systems/Level 2	/S	VO		0.5	
^a 8600480	^a HOME TECH SYSTEMS [@] CONSTRUCT TECH SYS ^a Home Technology Systems/Level 2 [@] Construction Technology Systems/ Level 2	/S	VO		0.5	
8601200	TRANSPORTATION TECH Transportation Technology	9- 12, 30, 31 /				AIR MECH @7 7 G AUTO MECH @7 7 G ENG 7 G TEC ED 1 @2 AUTO IND @7 %7 %G DIESEL MEC @7 7 G GASENG RPR @7 7 G TRANSPORT @4 @7 7 G
8601210	TRANS TECH I Transportation Technology I/Level 2	/Y	VO		1.0	
8601220	TRANS TECH II Transportation Technology II/Level 2	/Y	VO		1.0	
8601230	TRANS TECH III Transportation Technology III/ Level 3	/Y	VO		1.0	
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	VO		BLDG CONST @7 7 G CARPENTRY @7 7 G TEC CONSTR @7 7 G WOODWORKIN @4 ENG TEC 7 G BLDG MAINT @7 7 G ENG 7 G TEC ED 1 @2 AUTO PROD 7 G METAL WORK 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	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8600220	EXPLO TECH & CAR PLA Exploring Technology and Career Planning	6-8	/S VO	ENG 7 G ENG TEC 7 G	TEC ED 1 @2
8600000	INTEGRATED TECH ST Integrated Technology Studies	6-8	/	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE	
8600010	INTROD TO TECH Introduction to Technology		/S VO		
8600020	EX TECHNOLOGY Exploring Technology		/S VO		
8600030	EX COMM TECH Exploration of Communications Technology		/S VO		
8600040	EX PRODUCTION TECH Exploration of Production Technology		/S VO		
8600050	EX AEROSPACE TECH Exploration of Aerospace Technology		/S VO		
8600240	EX TRANS TECH Exploration of Transportation Technology		/S VO		
8600250	EX POWER & ENRG TECH Exploration of Power and Energy Technology		/S VO		
8600060	EX ENGINEERING TECH Exploration of Engineering Technology		/S VO		
8600070	EX ROBOTICS TECH Exploration of Robotics Technology		/S VO		
8600090	EX TECH DSGN TECH Exploration of Technical Design Technology		/S VO		
8600091	EX ELECTRONICS TECH Exploration of Electronics Technology		/S VO		
8600092	EX MARITIME TECH Exploration of Maritime Technology		/S VO		
8600093	EX LOG & SUPPLY CHAIN Exploration of Logistics and Supply Chain Technology		/S VO		
8600094	EX GREEN CONST & ARC Exploration of Green Construction and Architecture Technology		/S VO		
8600360	INT TECH ST & CP Integrated Technology Studies and Career Planning	6-8	/	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE	
8600012	INTRO TECHNOLOGY & CP Introduction to Technology and Career Planning		/S VO		
8600220	EXPLO TECH & CAR PLA Exploring Technology and Career Planning		/S VO		
8600032	EX COMM TECH & CP Exploration of Communications Technology and Career Planning		/S VO		

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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			REQUIREMENTS	GRADUATION		
8600042	EX OF PDCT TECH & CP Exploration of Production Technology and Career Planning	/S	VO			
8600052	EX AERO TECH & CP Exploration of Aerospace Technology and Career Planning	/S	VO			
8600242	EX TRANS TECH & CP Exploration of Transportation Technology and Career Planning	/S	VO			
8600252	EX POWER & ENERGY/CP Exploration of Power and Energy Technology and Career Planning	/S	VO			
8600062	EX ENGINEER TECH/CP Exploration of Engineering Technology and Career Planning	/S	VO			
8600072	EX ROBOTICS TECH/CP Exploration of Robotics Technology and Career Planning	/S	VO			
8600082	EX TECH DSGN & CP Exploration of Technical Design Technology and Career Planning	/S	VO			
8600095	EX ELECTRONICS & CP Exploration of Electronics Technology and Career Planning	/S	VO			
8600096	EX MARITIME TECH/CP Exploration of Maritime Technology and Career Planning	/S	VO			
8600097	EX LOG & SUPPLY/CP Exploration of Logistics and Supply Chain Technology and Career Plan	/S	VO			
8600098	EX GR CONSTRUCT/CP Exploration of Green Construction and Architecture and Career Planning	/S	VO			

| FINANCE CAREER CLUSTER |

FINANCIAL & INVESTMENT PLANNING CAREER PATH (FNPA)

^8815100	FINANCE Finance	9- 12, 30, 31 /				BANK FINC @7 7 G MKTG 1 @2 SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE	BUS ED 1 @2 MKTG MGMT @7 7 G
8207310	DIGITAL INFO TECH Digital Information Technology/Level 2	/Y	PA	1.0			
8815150	FIN & BUS TECH Finance and Business Technology/Level 2	/Y	PA	1.0			
8203310	ACCOUNTING APPS 1 Accounting Applications 1/Level 3	/Y	VO	1.0			
8815110	FINANCIAL OPS Financial Operations/Level 3	/Y	VO	1.0			

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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			REQUIREMENTS	GRADUATION		
2102360	AP MICROECONOMICS	/S	EC		0.5	
2102365	AP Microeconomics AP MICROECON INNOV AP Microeconomics Innovation	/S	EC		0.5	
2102370	AP MACROECONOMICS AP Macroeconomics	/S	EC		0.5	
8815130	FINANCIAL INTERN Financial Internship/Level 2	/Y	VO		1.0	
8501420	FINANCE COOP - OJT Finance Cooperative Education - OJT /Level 2	/Y	VO		1.0	
8815120	PERS FINANCIAL PLAN Personal Financial Planning/Level 3	/Y	VO		1.0	
M804011	FINANCE Finance	30, 31	/			BANK FINC @7 7 G MKTG 1 @2
BRC0090	FIN & BUS TECH Finance and Business Technology	/Y	PA		1.0	BUS ED 1 @2 MKTG MGMT @7 7 G
BRC0091	ACCOUNTING APPS 1 Accounting Applications 1	/Y	VO		1.0	
BRC0094	FINANCIAL OPERATIONS Financial Operations	/Y	VO		1.0	
BRC0945	FINANCIAL INTERNSHIP Financial Internship	/Y	VO		1.0	
BRC0093	PERSONAL FIN PLAN Personal Financial Planning	/Y	VO		1.0	
8515300	GLOBAL FINANCE Global Finance	9- 12, 30, 31	/			BANK FINC @7 7 G MKTG 1 @2
8207310	DIGITAL INFO TECH Digital Information Technology/Level 2	/Y	PA		1.0	
8815150	FIN & BUS TECH Finance and Business Technology/Level 2	/Y	PA		1.0	
8203310	ACCOUNTING APPS 1 Accounting Applications 1/Level 3	/Y	VO		1.0	
8815160	MANAGERIAL ACCT Managerial Accounting/Level 3	/Y	VO		1.0	
8815130	FINANCIAL INTERN Financial Internship/Level 2	/Y	VO		1.0	
8501420	FINANCE COOP - OJT Finance Cooperative Education - OJT /Level 2	/Y	VO		1.0	
8815170	BUS IN A GLOBAL ECON Business In A Global Economy/Level 3	/Y	VO		1.0	
F100110	GLOBAL FINANCE Global Finance	30, 31	/			BANK FINC @7 7 G MKTG 1 @2
BRC0090	FIN & BUS TECH Finance and Business Technology	/Y	PA		1.0	BUS ED 1 @2 MKTG MGMT @7 7 G
BRC0091	ACCOUNTING APPS 1 Accounting Applications 1	/Y	VO		1.0	
BRC0945	FINANCIAL INTERNSHIP Financial Internship	/Y	VO		1.0	
AC00050	MANAGERIAL ACCOUNT Managerial Accounting	/Y	VO		1.0	

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			
BRC0099	BUS IN A GLOBAL ECON Business in A Global Economy		/Y	VO	1.0	
F100100	IND INCOME TAX PREP Individual Income Tax Preparation	30, 31	/			SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
TAX0090	BASIC IND TAX PREP Basic Individual Tax Preparation		/Y	VO	0.0	
TAX0091	INTERMED TAX PREP Intermediate Tax Preparation		/Y	VO	0.0	
TAX0092	ADVANCED TAX PREP Advanced Tax Preparation		/Y	VO	0.0	
F100200	PERS FINANCE PLAN Personal Financial Planning	30, 31	/			PER FIN PL 7 G
BRC0080	ESTATE PLANNING Estate Planning		/Y	VO	0.0	
BRC0081	INCOME TAX PLANNING Income Tax Planning		/Y	VO	0.0	
BRC0082	INVESTMENT PLANNING Investment Planning		/Y	VO	0.0	
BRC0083	EMP BENEFIT & RETIRE Employee Benefits And Retirement Planning		/Y	VO	0.0	
BRC0084	PRIN OF FIN & INS Principles Of Financial And Insurance Planning		/Y	VO	0.0	
BRC0089	PER FINANCIAL PLAN Personal Financial Planning (Capstone)		/Y	VO	0.0	
BANKING & RELATED SERVICES CAREER PATH (FNPC)						

M807050	MORTGAGE LOAN ORIG Mortgage Loan Originator	30, 31	/			SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
REE0092	MORTGAGE LOAN ORIG Mortgage Loan Originator		/Y	VO	0.0	
INSURANCE SERVICES CAREER PATH (FNPD)						

M810015	INS CLAIMS ADJUSTER Insurance Claims Adjuster	30, 31	/			SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
RMI0094	INSURANCE CLAIMS ADJ Insurance Claims Adjuster		/Y	VO	0.0	
^a M810013	^a INS CUSTOMER REP Insurance Customer Representative	30, 31	/			INSURANCE 7 G
RMI0095	INSURANCE CUST REP Insurance Customer Representative		/S	VO	0.5	
M810016	INS CUST SERV REP Insurance Customer Service Representative	30, 31	/			SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
RMI0093	(INS) CUST SRV REP (Insurance) Customer Service Representative		/Y	VO	0.0	

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	CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER	
						INSURANCE	7 G
MB10014	INS GEN LINES AGENT Insurance General Lines Agent	30, 31 /			INSURANCE 7 G		
RMI0096	INS GEN LINES AGENT Insurance General Lines Agent	/Y	VO	1.0			
MB10012	LIFE INSURANCE MKT Life Insurance Marketing	30, 31 /			INSURANCE 7 G		
RMI0099	INS SALES AGT Insurance Sales Agent - Life, Health and Annuities	/Y	VO	0.0			
MB10020	PERS LINES INS(20-44 Personal Lines Insurance Agent (20-44)	30, 31 /			INSURANCE 7 G		
RMI0098	PERS LINES INS AGT Personal Lines Insurance Agent (20-44)	/Y	VO	0.0			
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		
F409999	FINANCE OJT Finance Cooperative Education- OJT	30, 31 /	VO	MULTIPLE	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		
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	VO		BUS ED 1 @2 MKTG 1 @2 TC COOP ED @7 VOE @7		
8540350	INTRO TO FINANCE Introduction to Finance	6-8 /S	VO		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	VO		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 SC 1	

| GOVERNMENT & PUBLIC ADMINISTRATION CAREER CLUSTER |

GOVERNANCE CAREER PATH (GVPA)

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
ETC0005	PUB WORKS CADET 3 Public Works Cadet 3	/Y	VO	1.0	
PLANNING CAREER PATH (GVPD)					
8602000	EMER PLAN & RESPONSE Emergency Planning and Response	9-12, 30, 31 /			FIRE FIGHT 7 G PUB ADM 7 G
8602010	EMER PLAN & RESP 1 Emergency Planning and Response 1/ Level 3	/Y	VO	1.0	LAW ENF 7 G PUB SERV 7 G
8602020	EMER PLAN & RESP 2 Emergency Planning and Response 2/ Level 3	/Y	VO	1.0	
8602030	EMER PLAN & RESP 3 Emergency Planning and Response 3/ Level 3	/Y	VO	1.0	
8602040	EMER PLAN & RESP 4 Emergency Planning and Response 4/ Level 3	/Y	VO	1.0	
PUBLIC MANAGEMENT & ADMINISTRATION CAREER PATH (GVPG)					
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
SUPPLEMENTAL PROGRAMS					
8601420	GOV & PA OJT Government and Public Administration Cooperative Education OJT	9-12, 30, 31 /M	VO	MULTIPLE	ANY PUB SERV OCC ED G
G809999	GOV & PA OJT Government and Public Administration Cooperative Education OJT	30, 31 /M		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

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 Allied Health Assisting	9- 12, 30, 31 /			ANY HEALTH OCCUP G
8417100	HEALTH SCIENCE A & P Health Science Anatomy and Physiology /Level 3	/Y	EQ	1.0	
8417110	HEALTH SCI FOUND Health Science Foundations/Level 3	/Y	VO	1.0	
8417131	ALLIED HLTH ASSIST 3 Allied Health Assisting 3/Level 2	/Y	VO	1.0	
ªH170220	ªCENT STERILE PRO TEC Central Sterile Processing Technology	30, 31 /			CENTSERVTE 7 G SURG TECH 7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO	1.0	
STS0013	CENT STER PROC TECH Central Sterile Processing Technician	/Y	VO	2.5	
STS0014	CENT SER MAT MGMT Central Service Materials Management	/Y	VO	2.5	
ªH170222	ªCENT STER PROC (NEW) Central Sterile Processing Technology (NEW)	30, 31 /			CENTSERVTE 7 G SURG TECH 7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO	1.0	
STS0019	CENT STER MAT MGMT Central Sterile Service Materials Managemnt	/Y	VO	1.0	
STS0013	CENT STER PROC TECH Central Sterile Processing Technician	/Y	VO	2.5	
8417140	DENTAL AIDE Dental Aide	9- 12, 30, 31 /			CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417100	HEALTH SCIENCE A & P Health Science Anatomy and Physiology /Level 3	/Y	EQ	1.0	
8417110	HEALTH SCI FOUND Health Science Foundations/Level 3	/Y	VO	1.0	
8417141	DENTAL AIDE 3 Dental Aide 3/Level 2	/Y	VO	1.0	
H170106	DENTAL ASSISTING Dental Assisting	30, 31 /			DENTL ASST @7 7 G
DEA0725	INTRO TO DENTAL ASST Introduction to Dental Assisting	/Y	VO	0.5	
DEA0726	DENT INFECT CTRL AST Dental Infection Control Assistant	/Y	VO	1.0	
DEA0727	DENTAL ASSISTING 1 Dental Assisting 1	/Y	VO	3.0	
DEA0728	DENTAL ASSISTING 2 Dental Assisting 2	/Y	VO	3.0	

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
H170113	DEN ASST TECH&MGATD Dental Assisting Technology and Management - ATD	30, 31	/		
DEA0725	INTRO TO DENTAL ASST Introduction to Dental Assisting		/Y	VO	0.5
DEA0726	DENT INFECT CTRL AST Dental Infection Control Assistant		/Y	VO	1.0
DEA0727	DENTAL ASSISTING 1 Dental Assisting 1		/Y	VO	3.0
DEA0728	DENTAL ASSISTING 2 Dental Assisting 2		/Y	VO	3.0
8417150	DENTAL LAB ASSIST Dental Laboratory Assisting	9- 12, 30, 31	/		CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417100	HEALTH SCIENCE A & P Health Science Anatomy and Physiology /Level 3		/Y	EQ	1.0
8417110	HEALTH SCI FOUND Health Science Foundations/Level 3		/Y	VO	1.0
8417151	DENTAL LAB ASSIST 3 Dental Laboratory Assisting 3/Level 2		/Y	VO	1.0
8417152	DENTAL LAB ASSIST 4 Dental Laboratory Assisting 4/Level 2		/Y	VO	1.0
H170103	DENTAL LAB TECH Dental Laboratory Technology	30, 31	/		DEN LABTEC 7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0
DEA0705	DENTURE TECH 1 Denture Technician 1		/Y	VO	2.0
DEA0713	DENTURE TECH 2 Denture Technician 2		/Y	VO	2.0
DEA0706	ADV DENTURE TECH Advanced Denture Techni cian		/Y	VO	2.5
DEA0709	CROWN & BRIDGE TECH Crown and Bridge Techni cian		/Y	VO	2.0
DEA0710	CERAMIC TECH Cerami c Techni cian		/Y	VO	1.5
DEA0005	DENTAL LAB TECH Dental Lab Techni cian		/Y	VO	1.5
8417160	EKG AIDE Electrocardi ograph Aide	9- 12, 30, 31	/		CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417100	HEALTH SCIENCE A & P Health Science Anatomy and Physiology /Level 3		/Y	EQ	1.0
8417110	HEALTH SCI FOUND Health Science Foundations/Level 3		/Y	VO	1.0
8417161	EKG AIDE 3 Electrocardi ograph Aide 3/Level 2		/S	VO	0.5
H171500	EMERG MED RESP (PS) Emergency Medi cal Responder (Postsecondary)	30, 31	/		EMT 7 G PARAMEDIC @7 7 G MED PROF 7 G REG NURSE 7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0

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			
EMS0050	EMERG MEDICAL RESP Emergency Medical Responder	/Y	VO		1.0	
8417170	EMERG MED RESP/SEC Emergency Medical Responder (Secondary)	9- 12, 30, 31 /				CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417100	HEALTH SCIENCE A & P Health Science Anatomy and Physiology /Level 3	/Y	EQ		1.0	
8417110	HEALTH SCI FOUND Health Science Foundations/Level 3	/Y	VO		1.0	
8417171	EMERG MED RESP 3 Emergency Medical Responder 3/Level 3	/Y	VO		1.0	
^a W170205	^a EMT Emergency Medical Technician	30, 31 /				SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO		1.0	
EMS0159	EMER MEDICAL TECH Emergency Medical Technician	/Y	VO		1.0	
^a W170213	EMT (NEW) Emergency Medical Technician (NEW)	30, 31 /				EMT 7 G PARAMEDIC @7 7 G REG NURSE 7 G PRAC NURSE @7 %7 %G
EMS0110	EMERGENCY MED TECH Emergency Medical Technician (EMT)	/Y	VO		2.0	
^a W170212	EMT - ATD (NEW) Emergency Medical Technician - ATD	30, 31 /				
EMS0110	EMERGENCY MED TECH Emergency Medical Technician (EMT)	/Y	VO		2.0	
^a W170208	EMT - ATD Emergency Medical Technician - ATD	30, 31 /				
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO		1.0	
EMS0159	EMER MEDICAL TECH Emergency Medical Technician	/Y	VO		1.0	
8417000	HEALTH & WELLNESS Health and Wellness	9- 12, 30, 31 /	VO			SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417100	HEALTH SCIENCE A & P Health Science Anatomy and Physiology /Level 3	/Y	EQ		1.0	
8417110	HEALTH SCI FOUND Health Science Foundations/Level 3	/Y	VO		1.0	
8417120	HEALTH & WELLNESS 3 Health and Wellness 3/Level 3	/Y	VO		1.0	
H170207	HEMODIALYSIS TECH Hemodialysis Technician	30, 31 /				HEMO TEC 7 G REG NURSE @7 7 G PRAC NURSE @7 %7 %G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO		1.0	
MLT0368	DIALYSIS TECH 1 Dialysis Technician 1	/Y	VO		1.5	
MLT0369	DIALYSIS TECH 2 Dialysis Technician 2	/Y	VO		1.5	
H170604	HOME HLTH AIDE (PS) Home Health Aide (Postsecondary)	30, 31 /				PRAC NURSE @7 %7 %G REG NURSE 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			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO		1.0	
HCP0330	HOME HEALTH AIDE Home Health Aide	/S	VO		0.5	
8417190	HOME HEALTH AIDE (S) Home Health Aide (Secondary)	9- 12, 30, 31 /				CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417100	HEALTH SCIENCE A & P Health Science Anatomy and Physiology /Level 3	/Y	EQ		1.0	
8417110	HEALTH SCI FOUND Health Science Foundations/Level 3	/Y	VO		1.0	
8417191	HME HLTH AIDE 3 Home Health Aide 3/Level 2	/S	VO		0.5	
H120405	MASSAGE THERAPY Massage Therapy	30, 31 /				MASSAGE TH 7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO		1.0	
MSS0205	MASSAGE THERAPIST 1 Massage Therapist 1	/Y	VO		2.0	
MSS0206	MASSAGE THERAPIST 2 Massage Therapist 2	/Y	VO		2.0	
^a H170503	^a MEDICAL ASSISTING Medical Assisting	30, 31 /				SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO		1.0	
MEA0500	MED OFFICE RECEP Medical Office Receptionist	/S	VO		0.5	
MEA0521	PHLEBOTOMIST, MA Phlebotomist, MA	/S	VO		0.5	
MEA0543	EKG AIDE, MA EKG Aide, MA	/S	VO		0.5	
MEA0550	MEDICAL ASSISTANT 1 Medical Assistant 1	/Y	VO		2.0	
MEA0551	MEDICAL ASSISTANT 2 Medical Assistant 2	/Y	VO		2.0	
MEA0552	MEDICAL ASSISTANT 3 Medical Assistant 3	/Y	VO		2.0	
H170515	MEDICAL ASSIST (NEW) Medical Assisting (New)	30, 31 /				SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO		1.0	
MEA0002	INTRO/MEDICAL ASSIST Introduction to Medical Assisting	/Y	VO		1.5	
MEA0501	MED OFF PROCEDURES Medical Office Procedures	/Y	VO		0.5	
MEA0521	PHLEBOTOMIST, MA Phlebotomist, MA	/S	VO		0.5	
MEA0543	EKG AIDE, MA EKG Aide, MA	/S	VO		0.5	
MEA0581	CLINICAL ASSISTING Clinical Assisting	/Y	VO		1.5	

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT	CERTIFICATION
			REQUIREMENTS	GRADUATION		
MEA0530	PHARM/MEDICAL ASST Pharmacology for Medical Assisting	/Y	VO		0.5	
MEA0573	LABORATORY PROCEDURE Laboratory Procedures	/Y	VO		0.5	
MEA0506	ADMIN OFF PROCEDURE Administrative Office Procedures	/Y	VO		0.5	
MEA0942	PRACTICUM EXPERIENCE Practicum Experience	/Y	VO		1.0	
8417200	MEDICAL LAB ASSIST Medical Laboratory Assisting (Secondary)	9- 12, 30, 31 /				CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417100	HEALTH SCIENCE A & P Health Science Anatomy and Physiology /Level 3	/Y	EQ		1.0	
8417110	HEALTH SCI FOUND Health Science Foundations/Level 3	/Y	VO		1.0	
8417201	MEDICAL LAB ASSIST 3 Medical Laboratory Assisting 3/Level 3	/Y	VO		1.0	
8417202	MEDICAL LAB ASSIST 4 Medical Laboratory Assisting 4/Level 3	/Y	VO		1.0	
8417210	NURSE ASSISTANT Nursing Assistant (Acute and Long Term Care)	9- 12, 30, 31 /				CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417100	HEALTH SCIENCE A & P Health Science Anatomy and Physiology /Level 3	/Y	EQ		1.0	
8417110	HEALTH SCI FOUND Health Science Foundations/Level 3	/Y	VO		1.0	
8417211	NURSE ASSIST 3 Nursing Assistant 3/Level 3	/Y	VO		1.0	
H170690	NURSING ASST (ART.) Nursing Assistant (Articulated)	30, 31 /				SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO		1.0	
HCP0121	NURSE AIDE & ORDERLY Nurse Aide and Orderly (Articulated)	/S	VO		1.0	
H170602	NURSING ASSISTANT Nursing Assistant (Long Term Care)	30, 31 /				SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
PRN0090	NURSE AIDE & ORDERLY Nurse Aide and Orderly	/Y	VO		1.0	
H170704	OPTOMETRIC ASSIST Optometric Assisting	30, 31 /				OPTOM ASST 7 G TEC OPTICS 7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO		1.0	
OPT0005	OPTOMETRIC ASST 1 Optometric Assistant 1	/Y	VO		2.0	
OPT0006	OPTOMETRIC ASST 2 Optometric Assistant 2	/Y	VO		2.0	
OPT0007	OPTOMETRIC ASST 3 Optometric Assistant 3	/Y	VO		2.0	
H170800	ORTHOPEDIC TECH Orthopedic Technology	30, 31 /				ORTHO TEC 7 G RN ORTHO 7 G

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO	1.0	
PHT0090	ORTHOPEdic TECH 1 Orthopedic Technologist 1	/Y	VO	2.0	
PHT0091	ORTHOPEdic TECH 2 Orthopedic Technologist 2	/Y	VO	2.0	
^a W170206	^a PARAMEDIC Paramedic	30, 31	/		SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO	1.0	
EMS0219	PARAMEDIC 1 Paramedic 1	/Y	VO	2.0	
EMS0220	PARAMEDIC 2 Paramedic 2	/Y	VO	2.0	
EMS0221	PARAMEDIC 3 Paramedic 3	/Y	VO	2.0	
^a W170211	PARAMEDIC (NEW) Paramedic (NEW)	30, 31	/		PARAMEDIC @7 7 G REG NURSE 7 G PRAC NURSE @7 %7 %G
EMS0210	PARAMEDIC I Paramedic I	/Y	VO	1.0	
EMS0211	PARAMEDIC II Paramedic II	/Y	VO	2.0	
EMS0212	PARAMEDIC III Paramedic III	/Y	VO	2.0	
H170692	PATIENT CARE ASSIST Patient Care Assistant	30, 31	/		CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO	1.0	
HCP0121	NURSE AIDE & ORDERLY Nurse Aide and Orderly (Articulated)	/S	VO	1.0	
HCP0332	ADV HOME HEALTH AIDE Advanced Home Health Aide	/Y	VO	0.0	
HCP0020	PATIENT CARE ASST Patient Care Assistant	/S	VO	0.5	
H170694	PATIENT CARE TECH Patient Care Technician	30, 31	/		SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO	1.0	
HCP0121	NURSE AIDE & ORDERLY Nurse Aide and Orderly (Articulated)	/S	VO	1.0	
HCP0332	ADV HOME HEALTH AIDE Advanced Home Health Aide	/Y	VO	0.0	
HCP0020	PATIENT CARE ASST Patient Care Assistant	/S	VO	0.5	
HSC0016	ALLIED HEALTH ASST Allied Health Assistant	/Y	VO	1.0	
MEA0580	ADV ALL HEALTH ASST Advanced Allied Health Assistant	/S	VO	0.5	
PRN0094	PATIENT CARE TECH Patient Care Technician	/Y	VO	0.0	
8418200	PHARMACY TECHNICIAN Pharmacy Technician Secondary	9- 12, 30, 31 /			PHARMACY 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
			REQUIREMENTS	GRADUATION		
8418210	PHARMACY TECH 1 Pharmacy Technician 1/ Level 3		/Y	VO	1.0	
8418220	PHARMACY TECH 2 Pharmacy Technician 2/ Level 3		/Y	VO	1.0	
8418230	PHARMACY TECH 3 Pharmacy Technician 3/ Level 3		/Y	VO	1.0	
8418240	PHARMACY TECH 4 Pharmacy Technician 4/ Level 3		/Y	VO	1.0	
8418250	PHARMACY TECH 5 Pharmacy Technician 5/ Level 3		/Y	VO	1.0	
8418260	PHARMACY TECH 6 Pharmacy Technician 6/ Level 3		/Y	VO	1.0	
8418270	PHARMACY TECH 7 Pharmacy Technician 7/ Level 3		/Y	VO	1.0	
H170500	PHARMACY TECH (PS) Pharmacy Technician (Postsecondary)	30, 31	/			PHARMACY 7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0	
PTN0084	PHARMACY TECH 1 Pharmacy Technician 1		/Y	VO	2.0	
PTN0085	PHARMACY TECH 2 Pharmacy Technician 2		/Y	VO	2.0	
PTN0086	PHARMACY TECH 3 Pharmacy Technician 3		/Y	VO	2.0	
H170700	PHAR TECH ATD Pharmacy Technician--ATD	30, 31	/			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0	
PTN0084	PHARMACY TECH 1 Pharmacy Technician 1		/Y	VO	2.0	
PTN0085	PHARMACY TECH 2 Pharmacy Technician 2		/Y	VO	2.0	
PTN0086	PHARMACY TECH 3 Pharmacy Technician 3		/Y	VO	2.0	
H170605	PRACT NURSING (PS) Practical Nursing (Postsecondary)	30, 31	/			SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0	
HCP0121	NURSE AIDE & ORDERLY Nurse Aide and Orderly (Articulated)		/S	VO	1.0	
PRN0091	PRACTICAL NURSE 1 Practical Nurse 1		/Y	VO	1.5	
PRN0092	PRACTICAL NURSE 2 Practical Nurse 2		/Y	VO	3.0	
PRN0096	PRACTICAL NURSE 3 Practical Nurse 3		/Y	VO	3.0	
8418300	PRACT NURSING (SEC) Practical Nursing (Secondary)	9- 12, 30, 31	/			SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8418310	PRACTICAL NURSING 1 Practical Nursing 1/Level 3		/Y	VO	1.0	
8418320	PRACTICAL NURSING 2 Practical Nursing 2/Level 3		/Y	VO	1.0	

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
8418330	PRACTICAL NURSING 3 Practical Nursing 3/Level 3	/Y	VO	1.0	
8418340	PRACTICAL NURSING 4 Practical Nursing 4/Level 3	/Y	VO	1.0	
8418350	PRACTICAL NURSING 5 Practical Nursing 5/Level 3	/Y	VO	1.0	
8418360	PRACTICAL NURSING 6 Practical Nursing 6/Level 3	/Y	VO	1.0	
8418370	PRACTICAL NURSING 7 Practical Nursing 7/Level 3	/Y	VO	1.0	
8418380	PRACTICAL NURSING 8 Practical Nursing 8/Level 3	/Y	VO	1.0	
8418390	PRACTICAL NURSING 9 Practical Nursing 9/Level 3	/Y	VO	1.0	
H181106	PSYCHIATRIC TECH Psychiatric Technology	30, 31	/		MENT HEAL 7 G REG NURSE 7 G PRAC NURSE @7 %7 %G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO	1.0	
HCP0852	PSYCHIATRIC AIDE Psychiatric Aide	/Y	VO	2.0	
H170211	SURGICAL TECHNOLOGY Surgical Technology	30, 31	/		OPR RN 7 G PRAC NURSE @7 %7 %G SURG TECH 7 G OPR RM TEC @7 7 G REG NURSE 7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO	1.0	
STS0015	CENTRAL SUPPLY TECH Central Supply Technician	/Y	VO	1.0	
STS0010	SURGICAL TECH 1 Surgical Technologist 1	/Y	VO	2.0	
STS0011	SURGICAL TECH 2 Surgical Technologist 2	/Y	VO	2.0	
STS0012	SURGICAL TECH 3 Surgical Technologist 3	/Y	VO	2.0	
8417230	VISION CARE ASSIST Vision Care Assisting	9- 12, 30, 31	/		CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417100	HEALTH SCIENCE A & P Health Science Anatomy and Physiology /Level 3	/Y	EQ	1.0	
8417110	HEALTH SCI FOUND Health Science Foundations/Level 3	/Y	VO	1.0	
8417231	VISION CARE ASSIST 3 Vision Care Assisting 3/Level 3	/Y	VO	1.0	
8417232	VISION CARE ASSIST 4 Vision Care Assisting 4/Level 3	/Y	VO	1.0	
DIAGNOSTIC SERVICES CAREER PATH (HLPB)					

8427100	ELECTROCARD TECH/SEC Electrocardiograph Technician (Secondary)	9- 12, 30, 31	/		SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE

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			
8417100	HEALTH SCIENCE A & P Health Science Anatomy and Physiology /Level 3	/Y	EQ		1.0	
8417110	HEALTH SCI FOUND Health Science Foundations/Level 3	/Y	VO		1.0	
8427130	ELECTROCARDIO TECH 3 Electrocardiograph Technician 3/ Level 3	/Y	VO		1.0	
H170208	EKG TECH (PS) Electrocardiograph Technology (Post secondary)	30, 31	/			EKG 7 G LAB TECH @7 7 G PRAC NURSE @7 %7 %G RESP THER @7 7 G LAB ASST @7 7 G PARAMEDIC @7 7 G REG NURSE 7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO		1.0	
MEA0540	EKG AIDE EKG Aide	/S	VO		0.5	
MEA0541	EKG TECH EKG Technician	/S	VO		2.0	
H170204	ELECTRONEURODIAG Electroneurodiagnostic Technology	30, 31	/			ENCEPHALGH 7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO		1.0	
ETN0005	ELECTRONEURODIAG 1 Electroneurodiagnostic Technologist 1	/Y	VO		1.0	
ETN0006	ELECTRONEURODIAG 2 Electroneurodiagnostic Technologist 2	/Y	VO		1.5	
ETN0007	ELECTRONEURODIAG 3 Electroneurodiagnostic Technologist 3	/Y	VO		1.5	
ETN0008	ELECTRONEURODIAG 4 Electroneurodiagnostic Technologist 4	/Y	VO		1.5	
ETN0009	ELECTRONEURODIAG 5 Electroneurodiagnostic Technologist 5	/Y	VO		1.5	
H170600	MED CLIN LAB--ATD Medical Clinical Laboratory Technician--ATD	30, 31	/			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO		1.0	
MEA0520	PHLEBOTOMIST Phlebotomist	/S	VO		0.5	
MLT0009	INTRO MED LAB TECH Introduction to Medical Laboratory Technology	/Y	VO		0.5	
MLT0220	URIN & BODY FLUIDS Urinalysis and Body Fluids	/Y	VO		0.5	
MLT0335	HEMATOLOGY & HEMOST Hematology and Hemostasis	/Y	VO		1.5	
MLT0505	IMMUNOLOGY Immunology	/Y	VO		0.0	
MLT0640	CLINICAL CHEMISTRY Clinical Chemistry	/Y	VO		1.5	
MLT0520	IMMUNOHEMATOLOGY Immunohematology	/Y	VO		1.5	

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	
MLT0450	MICROB & PARASIT Microbiology and Parasitology	/Y	VO	1.5		
H170400	MED ED SIM TECH Medical Education Simulator Technician	30, 31	/		SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE	
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO	1.0		
HSC0061	INTRO TO CLIN MEST Introduction to Clinical Medical Education Simulator Technician	/Y	VO	0.0		
HSC0062	CLINICAL MEST 1 Clinical Medical Education Simulator Technician 1	/Y	VO	1.0		
HSC0063	CLINICAL MEST 2 Clinical Medical Education Simulator Technician 2	/Y	VO	1.0		
HSC0064	CLINICAL MEST 3 Clinical Medical Education Simulator Technician 3	/Y	VO	1.0		
H170306	MEDICAL LAB ASSIST Medical Laboratory Assisting (Postsecondary)	30, 31	/		LAB ASST @7 7 G TEC MED !7 G	LAB TECH @7 7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO	1.0		
MEA0520	PHLEBOTOMIST Phlebotomist	/S	VO	0.5		
MEA0560	MEDICAL LAB ASST Medical Lab Assistant	/Y	VO	2.0		
H170302	PHLEBOTOMY Phlebotomy	30, 31	/		LAB ASST @7 7 G MED ASST @7 7 G PRAC NURSE @7 %7 %G RESP THER @7 7 G	LAB TECH @7 @7 G PARAMEDIC @7 7 G REG NURSE 7 G TEC MED !7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO	1.0		
MEA0520	PHLEBOTOMIST Phlebotomist	/S	VO	0.5		
W170210	RADIOLOGIC TECH Radiologic Technology	30, 31	/		TEC X RAY @7 7 G	
RTE0004	FUNDS/RADIO TECH Fundamentals of Radiologic Technology	/Y	VO	0.5		
RTE0410	RADIO IMAGE & EXP I Radiographic Imaging & Exposure I	/Y	VO	0.5		
RTE0505	RADIOGRAPHIC PROC I Radiographic Procedures I	/Y	VO	0.5		
RTE0809	CLINICAL EDUCATION I Clinical Education I	/Y	VO	2.0		
RTE0450	RADIO IMAGE & EXP II Radiographic Imaging & Exposure II	/Y	VO	0.5		
RTE0506	RADIOGRAPHIC PROC II Radiographic Procedures II	/Y	VO	0.5		
RTE0507	RADIOGRAPHIC PROC III Radiographic Procedures III	/Y	VO	0.0		

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
			REQUIREMENTS	GRADUATION		
RTE0819	CLINICAL EDU II Clinical Education II	/Y	VO		3.0	
RTE0015	ADV MODALITY IMAGE Advanced Modality Imaging	/Y	VO		0.0	
RTE0780	RADIO PATH & RESEARCH Radiographic Pathology & Directed Research	/Y	VO		0.5	
RTE0610	RADIATION PHYSICS Radiation Physics	/Y	VO		0.5	
RTE0829	CLINICAL EDU III Clinical Education III	/Y	VO		1.0	
RTE0839	ADV CLIN EDU IV Advanced Clinical Education IV	/Y	VO		2.0	
RTE0380	RAD BIO & PROTECT Radiation Biology & Radiation Protection	/Y	VO		0.0	
RTE0939	RADIOGRAPHY SEMINAR Radiography Seminar	/Y	VO		1.0	
RTE0849	ADV CLINICAL EDU V Advanced Clinical Education V	/Y	VO		2.0	

HEALTH INFORMATICS CAREER PATH (HLPC)

^a H170513	^a HEALTH UNIT COOR PS Health Unit Coordinator (Postsecondary)	30, 31	/			PRAC NURSE @7 %7 %G REG NURSE 7 G	MED RECTEC 7 G TEC MED !7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0		
HIM0076	HEALTH UNIT CLERK Health Unit Clerk		/Y	VO	2.5		
8417280	HEALTH UNIT COOR Health Unit Coordinator (Secondary)	9- 12, 30, 31	/			CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE	
8417100	HEALTH SCIENCE A & P Health Science Anatomy and Physiology /Level 3		/Y	EQ	1.0		
8417110	HEALTH SCI FOUND Health Science Foundations/Level 3		/Y	VO	1.0		
8417281	HEALTH UNIT COOR 1 Health Unit Coordinator 1/Level 2		/Y	VO	1.0		
8417282	HEALTH UNIT COOR 2 Health Unit Coordinator 2/Level 2		/Y	VO	1.0		
H170107	HLTH UNIT/MONITOR Health Unit Coordinator/Monitor Technician	30, 31	/			MED RECTEC 7 G TEC MED !7 G	REG NURSE 7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0		
HIM0076	HEALTH UNIT CLERK Health Unit Clerk		/Y	VO	2.5		
HIM0090	MONITOR TECHNICIAN Monitor Technician		/Y	VO	0.5		

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				
^a H170526	^a MED CODER/BILLER Medical Coder/Biller	30, 31	/			CER COD SP 7 G MED RECTEC 7 G	MED ASST 7 G MED TRANS 7 G
HIM0009	INTRO TO H I T Introduction to Health Information Technology		/Y	VO	0.5		
^a HIM0071	MEDICAL CODER/BILL 1 Medical Coder/Biller 1		/Y	VO	2.0		
^a HIM0072	MEDICAL CODER/BILL 2 Medical Coder/Biller 2		/Y	VO	2.0		
^a HIM0073	MEDICAL CODER/BILL 3 Medical Coder/Biller 3		/Y	VO	2.0		
H170529	MED CODER/BILLER(NEW Medical Coder/Biller (New)	30, 31	/			CER COD SP 7 G MED RECTEC 7 G	MED ASST 7 G MED TRANS 7 G
HIM0009	INTRO TO H I T Introduction to Health Information Technology		/Y	VO	0.5		
HIM0091	MED CODER/BILLER I Medical Coder/Biller I		/Y	VO	2.0		
HIM0092	MED CODER/BILLER II Medical Coder/Biller II		/Y	VO	2.0		
HIM0093	MED CODER/BILLER III Medical Coder/Biller III		/Y	VO	2.0		
^a H170528	MED CODER/BILLER-ATD Medical Coder/Biller-ATD	30, 31	/				
HIM0009	INTRO TO H I T Introduction to Health Information Technology		/Y	VO	0.5		
^a HIM0071	MEDICAL CODER/BILL 1 Medical Coder/Biller 1		/Y	VO	2.0		
^a HIM0072	MEDICAL CODER/BILL 2 Medical Coder/Biller 2		/Y	VO	2.0		
^a HIM0073	MEDICAL CODER/BILL 3 Medical Coder/Biller 3		/Y	VO	2.0		
H170530	MED CODER/BILLER-ATD Medical Coder/Biller-ATD (New)	30, 31	/				
HIM0009	INTRO TO H I T Introduction to Health Information Technology		/Y	VO	0.5		
HIM0091	MED CODER/BILLER I Medical Coder/Biller I		/Y	VO	2.0		
HIM0092	MED CODER/BILLER II Medical Coder/Biller II		/Y	VO	2.0		
HIM0093	MED CODER/BILLER III Medical Coder/Biller III		/Y	VO	2.0		
H170506	MED RCD/TRANS/HC DOC Medical Record Transcribing/Healthcare Documentation	30, 31	/			MED ASST 7 G MED TRANS 7 G	MED RECTEC 7 G
HIM0009	INTRO TO H I T Introduction to Health Information Technology		/Y	VO	0.5		
HIM0074	MEDICAL TRANSCRIB 1 Medical Transcriber 1		/Y	VO	2.0		

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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			GRADUATION REQUIREMENTS			
HIM0075	MEDICAL TRANSCRIB 2 Medical Transcriber 2		/Y	VO	2.0	
HIM0081	MEDICAL TRANSCRIB 3 Medical Transcriber 3		/Y	VO	2.0	
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		/Y	VO	0.5	
HIM0002	MED TRANSCRIB 1 ATD Medical Transcriber 1 - ATD		/Y	VO	2.0	
HIM0083	MED TRANSCRIB 2 ATD Medical Transcriber 2 - ATD		/Y	VO	2.0	
HIM0084	MED TRANSCRIB 3 ATD Medical Transcriber 3 - ATD		/Y	VO	2.0	
BIOTECHNOLOGY RESEARCH & DEVELOPMENT CAREER PATH (HLPE)						
8708100	BIOMEDICAL SCIENCES Biomedical Sciences	9- 12, 30, 31 /				BIOLOGY 1 PARAMEDIC @7 7 G MED PROF 7 G REG NURSE 7 G
8708110	PRIN BIOMED SCIENCE Principles of the Biomedical Sciences /Level 3		/	EQ	1.0	
8708120	HUMAN BODY SYSTEMS Human Body Systems/Level 3		/	EQ	1.0	
8708130	MED INTERVENTIONS Medical Interventions/Level 3		/	EQ	1.0	
8708140	BIOMED INNOVATION Biomedical Innovation/Level 3		/	VO	1.0	
GENERAL HEALTH SCIENCE PROGRAMS						
8400310	EXPL HLTH OCCS Exploration Of Health Occupations	6- 8	/S	VO		ANY HEALTH OCCUP G FAM CON SC 1 HEALTH 6
8400210	EXPL HLTH OCCS & C P Exploration Of Health Occupations and Career Planning	6- 8	/S	VO		ANY HEALTH OCCUP G FAM CON SC 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
H179999	HSE COOP - OJT Health Science Education Cooperative - OJT	30, 31 /			MULTIPLE	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			
8400100	HSE DIR STUDY Health Science Education Directed Study	10- 12, 30, 31/M	VO	MULTIPLE	ANY HEALTH OCCUP G	
8709350	INTRO HEALTH SCI Introduction to Health Science	6- 8 /S	VO		ANY HEALTH OCCUP G	
8709360	INTRO HEALTH SCI/CP Introduction to Health Science and Career Planning	6- 8 /S	VO		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 TO HEALTH OCCS Orientation to Health Occupations	6- 8 /S	VO		HEALTH 6 ANY HEALTH OCCUP G	
8417106	ORIENT NUR Orientation to Nursing	6- 8 /S	VO		PRAC NURSE @7 %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 /			CULINARY 7 G	FAM CON SC 1
FSS0090	PASTRY COOK/BAKER Pastry Cook/Baker	/Y	VO	2.0		
FSS0091	PASTRY CHEF/HD BAKER Pastry Chef/Head Baker	/Y	VO	2.0		
N100500	COMM FOODS & CUL ART Commercial Foods and Culinary Arts	30, 31 /			CULINARY 7 G	FAM CON SC 1
HMV0100	FOOD PREPARATION Food Preparation	/Y	VO	2.0		
HMV0170	COOK - RESTAURANT Cook - Restaurant	/Y	VO	2.0		
HMV0171	CHEF/HEAD COOK Chef/Head Cook	/Y	VO	2.0		
HMV0126	FOOD SERVICE MGMT Food Service Management	/Y	VO	2.0		
8800600	CULINARY & HOSP SPEC Culinary and Hospitality Specialties	9- 12, 30, 31 /			CULINARY 7 G	FAM CON SC 1
8800610	CUL & HOSP SPEC 1 Culinary and Hospitality Specialties 1/Level 3	/Y	VO	1.0		
8800620	CUL & HOSP SPEC 2 Culinary and Hospitality Specialties 2/Level 2	/Y	VO	1.0		
8800500	CULINARY ARTS Culinary Arts	9- 12, 30, 31 /			CULINARY 7 G	FAM CON SC 1
8800510	CULINARY ARTS 1 Culinary Arts 1/Level 2	/Y	VO	1.0		
8800520	CULINARY ARTS 2 Culinary Arts 2/Level 2	/Y	PA	1.0		

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			
8800530	CULINARY ARTS 3 Culinary Arts 3/Level 3	/Y	PA		1.0	
8800540	CULINARY ARTS 4 Culinary Arts 4/Level 3	/Y	VO		1.0	
----- LODGING CAREER PATH (HTPB) -----						
N900100	DIET MGMT & SUPER Dietetic Management and Supervision	30, 31	/			FAM CON SC 1 SC FOOD SV 7 G
FSS0095	DIETARY MANAGER Dietary Manager		/Y	VO	2.0	
8524100	ENVIRONMENTAL SERS Environmental Services	9- 12, 30, 31	/			BLDG MAINT @7 7 G CUSTODIAL @7 7 G CUST SERV 7 G FAM CON SC 1 HME EC OCC c7 HOMEMAKING c7 @2 %7 %G
8524110	ENVIRON SERVICES Environmental Services/Level 2		/Y	VO	1.0	
8524120	ENVIRON SER TECH Environmental Services Technology/ Level 2		/Y	VO	1.0	
V200610	ENVIRONMENTAL SERS Environmental Services	30, 31	/			BLDG MAINT @7 7 G CUSTODIAL @7 7 G FAM CON SC 1 HME EC OCC c7 HOMEMAKING c7 @2 %7 %G
HEV0510	JANITORS/CLEANERS Janitors/Cleaners		/Y	VO	1.0	
HEV0511	SUPERVISOR, JANITOR Supervisor, Janitor		/Y	VO	1.0	
^a 8830300	^a LODGING OPERATIONS Lodging Operations	9- 12, 30, 31	/			BUS ED 1 @2 FAM CON SC 1 HOTEL TRNG 7 G MKTG 1 @2 MKTG MGMT @7 7 G TC COOP ED @7 SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8850110	INTRO TO HOS TOUR Introduction to Hospitality and Tourism/Level 2		/Y	VO	1.0	
8830320	LODGING PRINCIPLES Lodging Principles/Level 2		/Y	VO	1.0	
8845130	HOS & TOUR INTERN Hospitality and Tourism Internship/ Level 2 OR:		/Y	VO	1.0	
8800420	HOSP & TOUR COOP OJT Hospitality and Tourism Cooperative Education OJT/Level 2		/M	VO	MULTIPLE	
8830330	LODGING APPS Lodging Applications/Level 3		/Y	VO	1.0	
M607010	LODGING OPERATIONS Lodging Operations	30, 31	/			BUS ED 1 @2 FAM CON SC 1 HOTEL TRNG 7 G MKTG 1 @2 MKTG MGMT @7 7 G TC COOP ED @7 SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HMV0740	GUEST SERVICES AGENT Guest Services Agent		/Y	VO	1.0	
HMV0201	FRONT DESK AGENT Front Desk Agent		/Y	VO	2.0	

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
			REQUIREMENTS	GRADUATION		
HMV0202	LODGING MANAGERS Lodging Managers	/Y	VO		1.0	
³N300100	NUTRIT & DIET CLERK Nutrition and Dietetic Clerk	30, 31	/		FAM CON SC 1	SC FOOD SV 7 G
HEV0612	NUT & DIET CLERK Nutrition and Dietetic Clerk	/Y	VO		2.0	
ªV200404	ªNUTRIT & DIET SERS Nutrition and Dietetic Services	30, 31	/		FAM CON SC 1 HOMEMAKING c7 @2 %7 %G SC FOOD SV 7 G	HME EC OCC c7 %7 %G QUAN FOOD c7 %7 %G
HEV0610	DIET CLERK Diet Clerk	/Y	VO		1.0	
TRAVEL & TOURISM CAREER PATH (HTPC)						
ª8845100	ªHOSPITALITY & TOURISM Hospitality and Tourism	9-12, 30, 31	/		BUS ED 1 @2 HOTEL TRNG 7 G MKTG MGMT @7 7 G TRANSPORT @7 7 G	FAM CON SC 1 MKTG 1 @2 TC COOP ED @7
8850110	INTRO TO HOS TOUR Introduction to Hospitality and Tourism/Level 2	/Y	VO		1.0	
ª8845140	COMP TECH TRA TOUR Computer Technology for Travel and Tourism/Level 2	/Y	VO		1.0	
8845130	HOS & TOUR INTERN Hospitality and Tourism Internship/ Level 2 OR:	/Y	VO		1.0	
8800420	HOSP & TOUR COOP OJT Hospitality and Tourism Cooperative Education OJT/Level 2	/M	VO		MULTIPLE	
ª8845120	TRA & TOUR MKT MGMT Travel and Tourism Marketing Management/Level 3	/Y	VO		1.0	
ª8703100	ªHOSP & TOURISM MGMT Hospitality and Tourism	9-12, 30, 31	/		BUS ED 1 @2 HOTEL TRNG 7 G MKTG MGMT @7 7 G TRANSPORT @7 7 G	FAM CON SC 1 MKTG 1 @2 TC COOP ED @7
8850110	INTRO TO HOS TOUR Introduction to Hospitality and Tourism/Level 2	/Y	VO		1.0	
8703110	TECH FOR HOSP & TOUR Technology for Hospitality and Tourism/Level 2	/Y	VO		1.0	
8703120	HOSP & TOUR MKT MGMT Hospitality and Tourism Marketing Management/Level 3	/Y	VO		1.0	
8845130	HOS & TOUR INTERN Hospitality and Tourism Internship/ Level 2 OR:	/Y	VO		1.0	

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	COURSES MEETING		CERTIFICATION
					COURSES MEETING		
8800420	HOSP & TOUR COOP OJT Hospitality and Tourism Cooperative Education OJT/Level 2	/M	VO	MULTIPLE			
8703130	HOSP & TOUR ENTRE Hospitality and Tourism Entrepreneurship/Level 3	/Y	VO	1.0			
M811040	HOSPITALITY & TOURISM Hospitality and Tourism	30, 31	/		BUS ED 1 @2 HOTEL TRNG 7 G MKTG MGMT @7 7 G TRANSPORT @7 7 G	FAM CON SC 1 MKTG 1 @2 TC COOP ED @7	
HMV0740	GUEST SERVICES AGENT Guest Services Agent	/Y	VO	1.0			
HMV0741	RESV & TRANS AGENT Reservation and Transportation Agent	/Y	VO	2.0			
HMV0038	TRAVEL CONSULTANT Travel Consultant	/Y	VO	1.0			
M811058	TRA & TOUR MGMT-ATD Travel and Tourism Management-ATD	30, 31	/				
HMV0743	RESERVATIONS AGENT Reservations Agent	/Y	VO	1.5			
HMV0051	TRAVEL AGENT/CONSULT Travel Agent/Consultant	/Y	VO	1.5			
GENERAL PROGRAMS							
8850350	EXPL HOSP & TOUR Exploring Hospitality and Tourism Careers	6-8	/S	VO		FAM CON SC 1	HOTEL TRNG 7 G
8850360	EXPL HOSP & TOUR/CP Exploring Hospitality and Tourism Careers and Career Planning	6-8	/S	VO		FAM CON SC 1	HOTEL TRNG 7 G
8809200	FUND OF CUL CAREERS Fundamentals of Culinary Careers	6-8	/S	VO		CULINARY 7 G	FAM CON SC 1
8809300	FUND OF CUL CAR & CP Fundamentals of Culinary Careers and Career Planning	6-8	/S	VO		CULINARY 7 G	FAM CON SC 1
8800420	HOSP & TOUR OJT Hospitality and Tourism Cooperative Education OJT	9-12, 30, 31	/M	VO	MULTIPLE	ANY HOME EC/TC COOP ED E G BUS ED 1 @2 FAM CON SC 1 HOMEMAKING c7 %7 %G MKTG 1 @2 QUAN FOOD c7 %7 %G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE	CULINARY 7 G HME EC OCC c7 HOTEL TRNG 7 G MKTG MGMT @7 7 G TC COOP ED @7
N509999	HOSP & TOUR OJT Hospitality and Tourism Cooperative Education OJT	30, 31	/	MULTIPLE		BUS ED 1 @2 HME EC OCC c7 %7 %G HOTEL TRNG 7 G MKTG MGMT @7 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE	FAM CON SC 1 HOMEMAKING c7 c2 %7 %G MKTG 1 @2 QUAN FOOD c7 %7 %G TC COOP ED @7

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION	
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 SC 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	
8809400	INTRO TO NUTRITION Introduction to Nutrition/Level 2	1112, 30, 31 /Y	VO	0.5	FAM CON SC 1	SC FOOD SV 7 G
8500355	NUTRITION & WELLNESS Nutrition and Wellness/Level 2	9-12, 30, 31 /S	VO	0.5	CULINARY 7 G	FAM CON SC 1
8500390	PRINCIPLES OF FOOD Principles Of Food/Level 2	9-12, 30, 31 /S	VO	0.5	CULINARY 7 G	FAM CON SC 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)

8500345	FAMILY DYNAMICS Family Dynamics/Level 2	9-12, 30, 31 /S	VO	0.5	FAM CON SC 1	
8500365	FAMILY HME CONS TECH FAM & CONS SCI (FACS) Family, Home and Consumer Technology /Level 2 Family and Consumer Science (FACS)	9-12, 30, 31 /Y	VO	1.0	CULINARY 7 G FASH TECH 7 G PRESCH ED A	FAM CON SC 1 INT DES 7 G
8502000	LIF MGMT SKL Life Management Skills/Level 2	9-12, 30, 31 /S	VO	0.5	FAM CON SC 1 PRAC NURSE @7 7 G	HEALTH 6 REG NURSE 7 G
8500300	PARENT SKLS Parenting Skills/Level 2	9-12, 30, 31 /S	VO	0.5	E CHILD ED @0 PK PRIMARY H PRIMARY ED @B	FAM CON SC 1 PRESCH ED A

PERSONAL CARE SERVICES CAREER PATH (HMPD)

D500200	ADVANCED ESTHETICS Advanced Esthetics	30, 31 /			COSMETOL @7 7 G PERS SERV @7 7 G	FACIAL TEC 7 G
CSP0105	ADV SKIN CARE 1 Advanced Skin Care 1	/Y	VO	1.0		

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT	CERTIFICATION
			GRADUATION REQUIREMENTS			
CSP0106	ADV SKIN CARE 2 Advanced Skin Care 2	/Y	VO		1.0	
CSP0264	FACIAL TREATMENTS Facial Treatments	/Y	VO		1.0	
CSP0930	SPECIALTY TOPICS Specialty Topics	/Y	VO		0.0	
CSP0505	ETHICAL BUS PRACTICE Ethical Business Practices	/Y	VO		0.0	
CSP0940	INTERNSHIP Internship	/Y	VO		0.0	
8757100	BARBERING Barbering	9- 12, 30, 31 /				BARBERING 7 G PERS SERV @7 7 G
8757110	BARBERING 1 Barbering 1/Level 2	/Y	PA		1.0	
8757120	BARBERING 2 Barbering 2/Level 2	/Y	PA		1.0	
8757130	BARBERING 3 Barbering 3/Level 2	/Y	VO		1.0	
8757140	BARBERING 4 Barbering 4/Level 2	/Y	VO		1.0	
8757150	BARBERING 5 Barbering 5/Level 2	/Y	VO		1.0	
8757160	BARBERING 6 Barbering 6/Level 2	/Y	VO		1.0	
8757170	BARBERING 7 Barbering 7/Level 2	/Y	PA		1.0	
8757180	BARBERING 8 Barbering 8/Level 2	/Y	PA		1.0	
I120402	BARBERING Barbering	30, 31 /				BARBERING 7 G PERS SERV @7 7 G
COS0150	RESTRICTED BARBER 1 Restricted Barber 1	/Y	VO		2.0	
COS0151	RESTRICTED BARBER 2 Restricted Barber 2	/Y	VO		2.0	
COS0152	RESTRICTED BARBER 3 Restricted Barber 3	/Y	VO		2.0	
COS0671	BARBER Barber	/Y	VO		2.0	
8905100	COSMETOLOGY Cosmetology	9- 12, 30, 31 /				COSMETOL @7 7 G PERS SERV @7 7 G
8757210	GROOM & SAL SERS 1 Grooming and Salon Services Core 1/ Level 2	/S	PA		0.5	
8905120	COSMETOLOGY NAILS 2 Cosmetology Nails 2, Level 2	/S	PA		0.5	
8905130	COSMETOLOGY FACIALS Cosmetology Facials 3, Level 2	/S	PA		0.5	
8905140	COSMETOLOGY 4 Cosmetology 4, Level 2	/Y	PA		1.0	
8905150	COSMETOLOGY 5 Cosmetology 5, Level 2	/Y	PA		1.0	

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT	CERTIFICATION	
			REQUIREMENTS	GRADUATION			
8905160	COSMETOLOGY 6 Cosmetology 6, Level 2	/Y	PA		1.0		
8905170	COSMETOLOGY 7 Cosmetology 7, Level 2	/Y	PA		1.0		
8905180	COSMETOLOGY 8 Cosmetology 8, Level 2	/Y	PA		1.0		
8905190	COSMETOLOGY 9 Cosmetology 9, Level 2	/M	PA		1.5		
D500100	COSMETOLOGY Cosmetology	30, 31	/			COSMETOL @7 7 G	PERS SERV @7 7 G
CSP0009	GROOM & SALON SRV CR Grooming and Salon Services, (CORE) Facials and Nails	/Y	PA		1.5		
COS0002	COSMETOLOGIST 1 Cosmetologist and Hairdresser 1	/Y	VO		2.0		
COS0003	COSMETOLOGIST 2 Cosmetologist and Hairdresser 2	/Y	VO		2.0		
COS0009	COSMETOLOGIST 3 Cosmetologist and Hairdresser 3	/Y	VO		2.5		
8733000	DRY CLEANING & LAUND Dry Cleaning and Laundering	9- 12, 30, 31	/			DRY CLEAN 7 G	FAB MAINT @7 7 G
8733010	DRY CLEAN & LAUND 1 Dry Cleaning and Laundering 1/Level 2	/Y	VO		1.0		
8733020	DRY CLEAN & LAUND 2 Dry Cleaning and Laundering 2/Level 2	/Y	VO		1.0		
8733030	DRY CLEAN & LAUND 3 Dry Cleaning and Laundering 3/Level 2	/Y	VO		1.0		
I120101	DRY CLEANING & LAUND Dry Cleaning and Laundering	30, 31	/			DRY CLEAN 7 G	FAB MAINT @7 7 G
HEV0540	LAUND, DRY CLEAN MAC Laundry, Dry Cleaning Machine Operator	/Y	VO		3.0		
8757400	FACIALS SPECIALTY Facials Specialty	9- 12, 30, 31	/			COSMETOL @7 7 G PERS SERV @7 7 G	FACIAL TEC 7 G
8757210	GROOM & SAL SERS 1 Grooming and Salon Services Core 1/ Level 2	/S	PA		0.5		
8757410	FACIALS SPECIALTY 2 Facials Specialty 2/Level 2	/S	VO		0.5		
8757420	FACIALS SPECIALTY 3 Facials Specialty 3/Level 2	/Y	VO		1.0		
I120424	FACIALS SPECIALTY Facials Specialty	30, 31	/			COSMETOL @7 7 G PERS SERV @7 7 G	FACIAL TEC 7 G
CSP0265	FACIALS/SKIN CARE SP Facials/Skin Care Specialist	/Y	PA		2.0		
8757300	NAILS SPECIALTY Nails Specialty	9- 12, 30, 31	/			COSMETOL @7 7 G PERS SERV @7 7 G	NAIL TEC 7 G
8757210	GROOM & SAL SERS 1 Grooming and Salon Services Core 1/ Level 2	/S	PA		0.5		
8757310	NAILS SPECIALTY 2 Nails Specialty 2/Level 2	/S	VO		0.5		

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								
			REQUIREMENTS	GRADUATION										
8757320	NAILS SPECIALTY 3 Nails Specialty 3/Level 2		/Y	VO	1.0									
I120414	NAILS SPECIALTY Nails Specialty	30, 31	/			COSMETOL	@7	7	G	NAIL TEC	7	G		
CSP0015	MANICUR & PEDICUR Manicurist and Pedicurist		/Y	PA	2.0	PERS SERV	@7	7	G					
♠D500300	PERSONAL TRAINER Personal Trainer	30, 31	/	VO	4.0	PERS FIT T		7	G					
PEP0110	PERSONAL TRAINER Personal Trainer		/Y	VO	4.0									
----- CONSUMER SERVICES CAREER PATH (HMPE) -----														
ªH170205	FAM HLTH SPT WKR-ATD Family Health Support Worker-ATD	30, 31	/											
HUS0090	HUMAN SERVICES CORE Human Services Core		/S	VO	0.5									
PRN0122	FAM HLTH SPT WKR 1 Family Health Support Worker 1		/Y	VO	1.5									
PRN0123	FAM HLTH SPT WKR 2 Family Health Support Worker 2		/Y	VO	1.5									
ªH170408	ªUNIT TRTMT REHAB-ATD Unit Treatment and Rehabilitation-ATD	30, 31	/											
HUS0090	HUMAN SERVICES CORE Human Services Core		/S	VO	0.5									
HCP0811	PSYCHIATRIC TECH 1 Psychiatric Technician 1		/Y	VO	2.0									
HCP0812	PSYCHIATRIC TECH 2 Psychiatric Technician 2		/Y	VO	2.0									
----- SUPPLEMENTAL PROGRAMS -----														
8500140	CAR DISC Career Discovery	6-8	/S	VO		FAM CON SC		1						
♠8960370	EX FAM & CON SCI Exploring Family and Consumer Sciences (FACS)	6-8	/S	VO		CULINARY	7	G		FAM CON SC	1			
8960371	EX FAM & CON SCI Exploring Family and Consumer Sciences (FACS)		/S			FASH TECH	7	G		INT DES	7	G		
						PRESCH ED	A							
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	VO		FAM CON SC		1						
8900420	HUMAN SERVICES OJT Human Services Cooperative Education OJT	9-12, 30, 31	/M	VO	MULTIPLE	BARBERING	7	G		COSMETOL	@7	7	G	
						FAM CON SC	1			HME EC OCC	c7	%7	%G	
						HOMEMAKING	c7	@2	%7	%G	PERS SERV	@7	7	G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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D609999	HUMAN SERVICES OJT Human Services Cooperative Education OJT	30, 31 /			BARBERING 7 G FAM CON SC 1 HOMEMAKING c7 @2 %7 %G	COSMETOL @7 7 G HME EC OCC c7 %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 SC 1 HOMEMAKING c7 %7 %G	COSMETOL @7 7 G HME EC OCC c7 %7 %G PERS SERV @7 7 G
8960350	INTRO HUMAN SERVICES Introduction to Human Service Careers	6-8 /S	VO		FAM CON SC 1	
8960360	INTRO HUMAN SER/CP Introduction to Human Service Careers and Career Planning	6-8 /S	VO		FAM CON SC 1	
8500230	PERSONAL DEV Personal Development	6-8 /S	VO		FAM CON SC 1	HEALTH 6
8500430	PERSONAL DEV & CAR P Personal Development and Career Planning	6-8 /S	VO		FAM CON SC 1	HEALTH 6

|INFORMATION TECHNOLOGY (IT) CAREER CLUSTER|

NETWORK SYSTEMS CAREER PATH (ITPA)

9001300	APPLD CYBERSECURITY Applied Cybersecurity	9- 12, 30, 31 /			BUS ED 1 @2 CYBER TECH 7 G	COMPU SCI 6 INFO TECH 7 G
9001310	IT FUNDAMENTALS IT Fundamentals/ Level 2 OR	/Y	VO	1.0		
8207310	DIGITAL INFO TECH Digital Information Technology/Level 2	/Y	PA	1.0		
9001320	CPT & NET SECURITY Computer and Network Security Fundamentals/Level 3	/Y	VO	1.0		
9001330	CYBERSECURITY ESSEN Cybersecurity Essentials/Level 3	/Y	VO	1.0		
9001340	OPERATIONAL CYBERSEC Operational Cybersecurity/Level 3	/Y	VO	1.0		
9001350	CYBER PLAN & ANLY Cybersecurity Planning & Analysis/ Level 3	/Y	VO	1.0		
9001360	DATABASE SECURITY Database Security/Level 3	/Y	VO	1.0		
9001370	SOFT & APP SECURITY Software & Application Security/ Level 3	/Y	VO	1.0		
9001380	WEB SECURITY Web Security/Level 3	/Y	VO	1.0		
9001390	APPLD CYBER APPS Applied Cybersecurity Applications/ Level 3	/Y	VO	1.0		
Y100300	APPLD CYBERSECURITY Applied Cybersecurity	9- 12, 30, 31 /			BUS ED 1 @2 CYBER TECH 7 G	COMPU SCI 6 INFO TECH 7 G

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT	CERTIFICATION				
			REQUIREMENTS	GRADUATION						
CTS0018	CYBERSECURITY ASSC Cybersecurity Associate	/Y	VO		4.0					
CTS0019	INFO SECURITY MGR Information Security Manager	/Y	VO		1.0					
CTS0021	DATA SECURITY SPEC Data Security Specialist	/Y	VO		1.0					
CTS0060	SOFT SECURITY SPEC Software Security Specialist	/Y	VO		1.0					
CTS0085	WEB SECURITY SPEC Web Security Specialist	/Y	VO		1.0					
CTS0089	INFO SECURITY ADMIN Information Security Administrator	/Y	VO		1.0					
9001500	CLOUD CPT/VIRTUALIZA Cloud Computing and Virtualization	9- 12, 30, 31 /				BUS ED	1 @2		COMPU SCI	6
8207310	DIGITAL INFO TECH Digital Information Technology/Level 2	/Y	PA		1.0					
9001510	CPT ENG & SUPPORT Computer Engineering & Support/Level 3	/Y	VO		1.0					
9001520	NETWORK ENG & SPT Network Engineering & Support/Level 3	/Y	VO		1.0					
9001530	ESS OF CLOUD TECH Essentials of Cloud Technology/Level 3	/Y	VO		1.0					
9001540	BASICS OF CLOUD CPT Basics of Cloud Computing & Virtualization/Level 3	/Y	VO		1.0					
9001550	ADV CLOUD CPT/VIRT Advanced Cloud Computing & Virtualization/Level 3	/Y	VO		1.0					
Y100400	CLOUD CPT/VIRTUALIZA Cloud Computing and Virtualization	30, 31 /				BUS ED	1 @2		COMPU SCI	6
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA		1.0					
EEV0504	CPT SUPPORT ASST Computer Support Assistant	/Y	VO		1.0					
CTS0026	NET SUPPORT TECH Network Support Technician	/Y	VO		1.0					
CTS0054	CLOUD ANALYSIS Cloud Analysis	/Y	VO		1.0					
CTS0056	CLOUD VIRTUAL SPEC Cloud Virtualization Specialist	/Y	VO		2.0					
9001200	CPT SYS & INFO TECH Computer Systems & Information Technology (CSIT)	9- 12, 30, 31 /				BUS ED	1 @2		COMPU SCI	6
8207310	DIGITAL INFO TECH Digital Information Technology/Level 2	/Y	PA		1.0	COMP SVC	7 G		CYBER TECH	7 G
9001210	CSIT FOUNDATIONS CSIT Foundations/Level 3	/Y	VO		1.0	ELECTRONIC	@7 7 G		INFO TECH	7 G
9001220	CSIT SYS ESSENTIALS CSIT System Essentials/Level 3	/Y	VO		1.0					
9001230	CSIT NET SYS CONFIG CSIT Network System Configuration/ Level 3	/Y	VO		1.0					

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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9001240	CSIT NET SYS DSG/ADM CSIT Network System Design and Administration/Level 3	/Y	VO	1.0		
9001250	CSIT CYBER SEC ESSEN CSIT Cyber Security Essentials/Level 3	/Y	VO	1.0		
9001260	CSIT CYBER SEC-PHYSI CSIT Cyber Security-Physical/Level 3	/Y	VO	1.0		
Y100200	CPT SYS & INFO TECH Computer Systems & Information Technology (CSIT)	30, 31	/		BUS ED 1 @2 COMP SVC 7 G ELECTRONIC @7 7 G	COMPU SCI 6 CYBER TECH 7 G INFO TECH 7 G
CTS0082	CPT SYSTEMS TECH Computer Systems Techni cian	/Y	VO	2.0		
CTS0083	CPT NETWORK TECH Computer Network Techni cian	/Y	VO	1.0		
CTS0084	CPT NETWORKING SPEC Computer Networking Specialist	/Y	VO	1.0		
CTS0069	CPT SECURITY TECH Computer Security Techni cian	/Y	VO	2.0		
9005100	DI GITAL MEDIA TECH Di gital Medi a Technology	9- 12, 30, 31	/		BUS ED 1 @2 INFO TECH 7 G	DI GI MEDIA 7 G
8207310	DI GITAL INFO TECH Di gital Informati on Technology/Level 2	/Y	PA	1.0		
9005110	DI G MEDIA FUNDAMENTA Di gital Medi a Fundamentals/Level 3	/Y	VO	1.0		
9005120	DI G MEDIA PROD SYS Di gital Medi a Production Systems/ Level 3	/Y	VO	1.0		
9005130	DI G MEDIA DELIVERY Di gital Medi a Delivery Systems/Level 3	/Y	VO	1.0		
9005140	ADV DIG MEDIA SYSTEM Advanced Di gital Medi a Systems/Level 3	/Y	VO	1.0		
Y500100	DI GITAL MEDIA TECH Di gital Medi a Technology	30, 31	/		BUS ED 1 @2 INFO TECH 7 G	DI GI MEDIA 7 G
OTA0040	INFO TECH ASST Informati on Technology Assistant	/Y	PA	1.0		
DIG0080	DI GITAL MEDIA TECH Di gital Medi a Techni cian	/Y	VO	4.0		
8208000	NETWORK SUPPORT SERS Network Support Services	9- 12, 30, 31	/		BOOKKEEPIN @4 7 G BUS ED 1 @2 COMP SVC 7 G ELECT DP @7 %G TC COOP ED @7 VOE @7	BUS DP @7 %G CLERICAL @7 7 G COMPU SCI 6 SECRETAR 7 G TEC ELEC \$7
8207310	DIGITAL INFO TECH Di gital Informati on Technology/Level 2	/Y	PA	1.0		
8207020	NETWORKING 1 Networking 1/Level 2	/Y	VO	1.0		
8207030	NETWORKING 2 INFRAS Networking 2, Infrastructure/Level 3	/Y	VO	1.0		
8207040	NETWORKING 3 INFRAS Networking 3, Infrastructure/Level 3	/Y	VO	1.0		

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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8207050	NETWORKING 4 INFRAS Networking 4, Infrastructure/Level 3	/Y	VO	1.0	
8207060	NETWORKING 5 Networking 5/Level 3	/Y	VO	1.0	
8207070	NETWORKING 6 Networking 6/Level 3	/Y	VO	1.0	
B078000	NETWORK SUPPORT SERS Network Support Services	30, 31 /			BOOKKEEPIN @4 7 G BUS ED 1 @2 COMP SVC 7 G ELECT DP @7 %G TC COOP ED @7 VOE @7 BUS DP @7 %G CLERICAL @7 7 G COMPU SCI 6 SECRETAR 7 G TEC ELEC S7
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA	1.0	
EEV0504	CPT SUPPORT ASST Computer Support Assistant	/Y	VO	1.0	
CTS0022	NET SPT HELP DESK AS Network Support Help Desk Assistant	/Y	VO	1.0	
CTS0023	NETWORK SPT ADMIN Network Support Administrator	/Y	VO	1.0	
CTS0024	SR NET ADMINISTRATOR Senior Network Administrator	/Y	VO	1.0	
CTS0029	WI RELESS NET ADMIN Wireless Network Administrator	/Y	VO	1.0	
EEV0317	DATA COMM ANALYST Data Communications Analyst	/Y	VO	1.0	
8207440	NETWORK SYSTEM ADMIN Network Systems Administration	9- 12, 30, 31 /			BOOKKEEPIN @4 7 G BUS ED 1 @2 COMP SVC 7 G ELECT DP @7 %G TC COOP ED @7 VOE @7 CYBER TECH 7 G BUS DP @7 %G CLERICAL @7 7 G COMPU SCI 6 SECRETAR 7 G TEC ELEC S7 INFO TECH 7 G
8207310	DIGITAL INFO TECH Digital Information Technology/Level 2	/Y	PA	1.0	
8207020	NETWORKING 1 Networking 1/Level 2	/Y	VO	1.0	
8207441	NETWORKING 2 ADMIN Networking 2, Administration/Level 3	/Y	VO	1.0	
8207442	NETWORKING 3 ADMIN Networking 3, Administration/Level 3	/Y	VO	1.0	
8207443	NETWORKING 4 ADMIN Networking 4, Administration/Level 3	/Y	VO	1.0	
8207060	NETWORKING 5 Networking 5/Level 3	/Y	VO	1.0	
8207070	NETWORKING 6 Networking 6/Level 3	/Y	VO	1.0	

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
B079300	NETWORK SYSTEM ADMIN Network Systems Administration	30, 31 /			BOOKKEEPIN @4 7 G BUS ED 1 @2 COMP SVC 7 G ELECT DP @7 %G TC COOP ED @7 VOE @7 CYBER TECH 7 G BUS DP @7 %G CLERICAL @7 7 G COMPU SCI 6 SECRETAR 7 G TEC ELEC S7 INFO TECH 7 G
OTA0040	INFO TECH ASST Information Technology Assistant		/Y PA	1.0	
EEV0504	CPT SUPPORT ASST Computer Support Assistant		/Y VO	1.0	
CTS0026	NET SUPPORT TECH Network Support Technician		/Y VO	1.0	
CTS0027	SYSTEMS ADMIN Systems Administrator		/Y VO	1.0	
CTS0028	SYSTEMS ENGINEER Systems Engineer		/Y VO	1.0	
CTS0029	WIRELESS NET ADMIN Wireless Network Administrator		/Y VO	1.0	
EEV0317	DATA COMM ANALYST Data Communications Analyst		/Y VO	1.0	
9001400	TECH SUPPORT SERVICE Technology Support Services	9- 12, 30, 31 /			BUS ED 1 @2 INFO TECH 7 G COMPU SCI 6
9001410	IT ESSENTIALS IT Essentials/Level 2		/Y VO	1.0	
8207310	DIGITAL INFO TECH Digital Information Technology/Level 2		/Y PA	1.0	
9001420	TECH SUPPORT-CLIENT Technology Support Services - Client Systems/Level 3		/Y VO	1.0	
9001430	TECH SUPPORT-NETWORK Technology Support Services - Network Systems/Level 3		/Y VO	1.0	
9001440	TECH SUPPORT-SPLZ TE Technology Support Services - Specialized Technologies/Level 3		/Y VO	1.0	
Y100100	TECH SUPPORT SERVICE Technology Support Services	30, 31 /			BUS ED 1 @2 INFO TECH 7 G COMPU SCI 6
CTS0059	TECH SUPPORT SPEC Technology Support Specialist		/Y VO	4.0	
INFORMATION SUPPORT & SERVICES CAREER PATH (ITPB)					

9003400	APPLIED INFO TECH Applied Information Technology	9- 12, 30, 31 /			BUS ED 1 @2 INFO TECH 7 G COMPU SCI 6
8207310	DIGITAL INFO TECH Digital Information Technology/Level 2		/Y PA	1.0	
9003410	COMPUTER FUNDAMENTAL Computer Fundamentals/ Level 2		/Y PA	1.0	
9003420	WEB TECHNOLOGIES Web Technologies/ Level 3		/Y PA	1.0	

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		
9003430	IT SYSTEMS & APPS IT Systems and Applications/Level 3	/Y	VO	1.0			
9003440	DATABASE ESSENTIALS Database Essentials/Level 3	/Y	VO	1.0			
9003450	PROG ESSENTIALS Programming Essentials/Level 3	/Y	VO	1.0			
9003460	WEB DEV TECH Web Development Technologies/ Level 3	/Y	PA	1.0			
9003470	MULTIMEDIA TECH Multimedia Technologies/Level 3	/Y	PA	1.0			
9003480	CPT NETWORK FUND Computer Network Fundamentals/Level 3	/Y	VO	1.0			
9003490	CYBERSECURITY FUND Cybersecurity Fundamentals/Level 3	/Y	VO	1.0			
Y300400	APPLIED INFO TECH Applied Information Technology	30, 31	/		BUS ED INFO TECH	1 @2 7 G	COMPU SCI 6
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA	1.0			
CTS0072	IT & WEB SYSTEMS IT & Web Systems	/Y	VO	2.0			
CTS0063	DATABASE ESSENTIALS Database Essentials	/Y	VO	1.0			
CTS0030	PROGRAMMING FUNDS Programming Fundamentals	/Y	VO	1.0			
CTS0073	WEB DEVELOP FUNDS Web Development Fundamentals	/Y	PA	1.0			
CTS0075	MULTIMEDIA SYSTEMS Multimedia Systems	/Y	PA	1.0			
CTS0025	COMPUTER NETWORKING Computer Networking	/Y	VO	1.0			
CTS0068	CYBERSECURITY ESSEN Cybersecurity Essentials	/Y	VO	1.0			
8206400	DATABASE PGM ESSEN Database and Programming Essentials	9- 12, 30, 31	/		BUS ED COMPU SCI	1 @2 6	COMP PROG 7 G
8207310	DIGITAL INFO TECH Digital Information Technology/Level 2	/Y	PA	1.0			
8206410	DATABASE FUND Database Fundamentals/Level 2	/S	VO	0.5			
8206420	DATA CONTROL & FUNC Data Control and Functions/Level 2	/S	VO	0.5			
8206430	SPELZD DATAB PRGM Specialized Database Programming/ Level 3	/Y	VO	1.0			
8206440	SPELZD DATAB APPS Specialized Database Applications/ Level 3	/Y	VO	1.0			
Y300100	DATABASE PGM ESSEN Database and Programming Essentials	30, 31	/		BUS ED COMPU SCI	1 @2 6	COMP PROG 7 G
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA	1.0			
CTS0046	DATABASE FUNDAMENTAL Database Fundamentals	/Y	VO	1.0			

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			
CTS0047	SPEC DATABASE PROG Specialized Database Programmi ng	/Y	VO		1.0	
CTS0067	SPEC DATABASE APPS Specialized Database Applications	/Y	VO		1.0	
8600200	GIS TECHNOLOGY Geospatial/Geographic Information Systems (GIS) Technology	9- 12, 30, 31 /				SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8600260	INTRO TO GIS/RS TECH Introduction to GIS/RS Technology/ Level 2	/Y	VO		1.0	
8600270	ESS GIS/RS TOOLS/PRO Essential GIS/RS Tools and Processes /Level 2	/Y	VO		1.0	
8600280	GIS/RS ANAL & MODEL GIS/RS Analysis and Modeling/Level 2	/Y	PA		1.0	
8600290	ADV GIS/RS APPS Advanced GIS/RS Applications/Level 2	/Y	PA		1.0	
T860020	GIS TECHNOLOGY Geospatial/Geographic Information Systems (GIS) Technology	30, 31 /				SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
GIS0090	GIS TECH ASSISTANT GIS Techni ci an Assi stant	/Y	PA		2.0	
GIS0091	GIS TECHNICIAN GIS Techni ci an	/Y	PA		2.0	

INTERACTIVE MEDIA CAREER PATH (ITPC)

B082400	GAME/SIM/ANI ADV APP Game/Simulation/Animation Advanced Applications	30, 31 /				BUS ED 1 @2 COMPU SCI 6	COMM ART @7 7 G TV PRO TEC @7 7 G
DIG0077	GAME/SIM/ANI ADV APP Game/Simulation/Animation Advanced Applications	/Y	VO		1.0		
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/ Video Effects	9- 12, 30, 31 /				BUS ED 1 @2 COMPU SCI 6	COMM ART @7 7 G TV PRO TEC @7 7 G
8207310	DIGITAL INFO TECH Digital Information Technology/Level 2	/Y	PA		1.0		
8208110	GAME & SIM FOUND Game & Simulation Foundations/Level 2	/Y	PA		1.0		
8208120	GAME & SIM DSN Game & Simulation Design/Level 2	/Y	PA		1.0		
8208230	GAME/SIM AUD/SND EFF Game/Simulation Audio/Sound Effects /Level 2	/Y	PA		1.0		
8208240	GAME/SIM VID/SPEC EF Game/Simulation Video/Special Effects /Level 2	/Y	PA		1.0		

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			
B082200	GAME/SIM/ANI AUD/VID Game/Simulation/Animation Audio/ Video Effects	30, 31	/		BUS ED 1 @2 COMPU SCI 6	COMM ART @7 7 G TV PRO TEC @7 7 G
DIG0070	GAME/SIM DESIGNER Game/Simulation Designer		/Y	PA	2.0	
DIG0073	DIGITAL MEDIA ART Digital Media Artist		/Y	VO	1.0	
DIG0074	DIGITAL MEDIA SPEC Digital Media Specialist		/Y	VO	1.0	
8208300	GAME/SIM/ANI PGM Game/Simulation/Animation Programming	9- 12, 30, 31	/		BUS ED 1 @2 COMP PROG 7 G TV PRO TEC @7 7 G	COMM ART @7 7 G COMPU SCI 6
8207310	DIGITAL INFO TECH Digital Information Technology/Level 2		/Y	PA	1.0	
8208110	GAME & SIM FOUND Game & Simulation Foundations/Level 2		/Y	PA	1.0	
8208120	GAME & SIM DSN Game & Simulation Design/Level 2		/Y	PA	1.0	
8208330	GAME & SIM PRGM Game & Simulation Programming/Level 3		/Y	VO	1.0	
8208340	MULTI-USER GAME & SIM Multi-User Game & Simulation Programming/Level 3		/Y	PA	1.0	
B082300	GAME/SIM/ANI PGM Game/Simulation/Animation Programming	30, 31	/		BUS ED 1 @2 COMP PROG 7 G TV PRO TEC @7 7 G	COMM ART @7 7 G COMPU SCI 6
DIG0070	GAME/SIM DESIGNER Game/Simulation Designer		/Y	PA	2.0	
DIG0075	GAME/SIM PROGRAM Game/Simulation Programmer		/Y	VO	1.0	
DIG0076	GAME/SIM SOFT DEV Game/Simulation Software Developer		/Y	VO	1.0	
8208100	GAME/SIM/ANI VIS DSN Game/Simulation/Animation Visual Design	9- 12, 30, 31	/		BUS ED 1 @2 COMPU SCI 6 TV PRO TEC @7 7 G	COMM ART @7 7 G DIGI MEDIA 7 G
8207310	DIGITAL INFO TECH Digital Information Technology/Level 2		/Y	PA	1.0	
8208110	GAME & SIM FOUND Game & Simulation Foundations/Level 2		/Y	PA	1.0	
8208120	GAME & SIM DSN Game & Simulation Design/Level 2		/Y	PA	1.0	
8208130	GAME & SIM 2D GR DEV Game & Simulation 2D Graphic Development/Level 2		/Y	PA	1.0	
8208140	GAME & SIM 3D GR ANI Game & Simulation 3D Graphic Animation /Level 2		/Y	PA	1.0	
B082100	GAME/SIM/ANI VIS DSN Game/Simulation/Animation Visual Design	30, 31	/		BUS ED 1 @2 COMPU SCI 6 TV PRO TEC @7 7 G	COMM ART @7 7 G DIGI MEDIA 7 G
DIG0070	GAME/SIM DESIGNER Game/Simulation Designer		/Y	PA	2.0	

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DI0071	GAME/SIM GRAPH ART Game/Simulation Graphic Artist	/Y	PA	1.0	
DI0072	GAME/SIM 3D ANIMATOR Game/Simulation 3D Animator	/Y	PA	1.0	
9005200	MODELING & SIMULAT Modeling and Simulation	9- 12, 30, 31 /			BUS ED 1 @2 COMPU SCI 6 ENG TEC 7 G ROBOTICS 7 G COMP PROG 7 G ENG 7 G INFO TECH 7 G TEC ED 1 @2
8207310	DIGITAL INFO TECH Digital Information Technology/Level 2	/Y	PA	1.0	
9005210	MODEL & SIM FOUND Modeling and Simulation Foundations /Level 2	/Y	PA	1.0	
9005220	MODEL & SIM DESIGN Modeling and Simulation Design/Level 2	/Y	PA	1.0	
9005230	MODEL & SIM APPS Modeling and Simulation Applications /Level 3	/Y	PA	1.0	
9005240	MODEL & SIM PROTO Modeling and Simulation Prototyping and Innovation /Level 3	/Y	PA	1.0	
9001100	WEB DEVELOPMENT Web Development	9- 12, 30, 31 /			BUS DP @7 %G CLERICAL @7 7 G COMPU SCI 6 SECRETAR 7 G TC COOP ED @7 VOE @7 BUS ED 1 @2 COMM ART @7 7 G ELECT DP @7 %G STENOG @4 TEC ELEC \$7 G WEB DEV 7 G
8207310	DIGITAL INFO TECH Digital Information Technology/Level 2	/Y	PA	1.0	
9001110	FOUND OF WEB DESIGN Foundations of Web Design/Level 3	/Y	PA	1.0	
9001120	USER INTERFACE DSN User Interface Design/Level 3	/Y	PA	1.0	
9001130	WEB SCRIPT FUND Web Scripting Fundamentals/Level 3	/Y	PA	1.0	
9001140	MEDIA INTEGRAT ESS Media Integration Essentials/Level 3	/Y	PA	1.0	
9001150	E-COMM & MKT ESS E-Commerce & Marketing Essentials/ Level 3	/Y	VO	1.0	
9001160	INTERACTIVITY ESS Interactivity Essentials/Level 3	/Y	PA	1.0	
Y700100	WEB DEVELOPMENT Web Development	30, 31 /			BUS DP @7 %G CLERICAL @7 7 G COMPU SCI 6 SECRETAR 7 G TC COOP ED @7 VOE @7 BUS ED 1 @2 COMM ART @7 7 G ELECT DP @7 %G STENOG @4 TEC ELEC \$7 G WEB DEV 7 G
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA	1.0	
CTS0070	WEB DESIGN FOUND Web Design Foundations	/Y	PA	1.0	

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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			REQUIREMENTS	GRADUATION		
CTS0071	WEB INTERFACE DSN Web Interface Design	/Y	PA		1.0	
CTS0049	WEB SCRIPTING Web Scripting	/Y	PA		1.0	
CTS0015	WEB MEDIA INTEGRAT Web Media Integration	/Y	PA		1.0	
CTS0016	WEB E-COMMERCE Web E-Commerce	/Y	VO		1.0	
CTS0017	WEB INTERACTIVITY Web Interactivity	/Y	PA		1.0	
PROGRAMMING & SOFTWARE DEVELOPMENT CAREER PATH (ITPD)						
9007400	.NET APP DEV & PROG .NET Application Development and Programming	9- 12, 30, 31 /			BUS ED COMPU SCI	1 @2 6
8207310	DIGITAL INFO TECH Digital Information Technology/Level 2	/Y	PA		1.0	COMP PROG 7 G
9007210	FOUND OF PROGRAM Foundations of Programming/Level 3	/Y	VO		1.0	
9007220	PROCEDURAL PROG Procedural Programming/Level 3	/Y	VO		1.0	
9007230	OBJECT-ORIENTED PROG Object-Oriented Programming Fundamentals/Level 3	/Y	VO		1.0	
9007410	.NET APP DEV FOUND .NET Application Development Foundation/Level 3	/Y	VO		1.0	
9007420	.NET APP DEV APPLIED .NET Application Development Applied /Level 3	/Y	VO		1.0	
9007430	.NET APP DEV CAP .NET Application Development Capstone /Level 3	/Y	VO		1.0	
Y700400	.NET APP DEV & PROG .NET Application Development and Programming	30, 31 /			BUS ED COMPU SCI	1 @2 6
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA		1.0	
CTS0041	CPT PROGRAMMER ASST Computer Programmer Assistant	/Y	VO		2.0	
CTS0044	COMPUTER PROGRAMMER Computer Programmer	/Y	VO		1.0	
CTS0032	.NET PROGRAMMER .NET Programmer	/Y	VO		3.0	
8206500	BUSINESS CPTR PGM Business Computer Programming	9- 12, 30, 31 /			BOOKKEEPIN @4 @7 BUS ED 1 @2 ELECT DP @7 %G TEC ELEC \$7 G	G BUS DP @7 %G COMPU SCI 6 TC COOP ED @7 VOE @7
8207310	DIGITAL INFO TECH Digital Information Technology/Level 2	/Y	PA		1.0	

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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8206010	BUS COMPUTER PGM 1 Business Computer Programming 1/Level 2	/Y	VO	1.0	
8206020	BUS COMPUTER PGM 2 Business Computer Programming 2/Level 2	/Y	VO	1.0	
8206030	BUS COMPUTER PGM 3 Business Computer Programming 3/Level 2	/Y	VO	1.0	
8206040	BUS COMPUTER PGM 4 Business Computer Programming 4/Level 2	/Y	VO	1.0	
8206050	BUS COMPUTER PGM 5 Business Computer Programming 5/Level 3	/Y	VO	1.0	
8206060	BUS COMPUTER PGM 6 Business Computer Programming 6/Level 3	/Y	VO	1.0	
8206070	BUS COMPUTER PGM 7 Business Computer Programming 7/Level 3	/Y	VO	1.0	
B070320	BUSINESS CPTR PGM Business Computer Programming	30, 31 /			BOOKKEEPIN @4 @7 G BUS ED 1 @2 ELECT DP @7 %G TEC ELEC \$7 G BUS DP @7 %G COMPU SCI 6 TC COOP ED @7 VOE @7
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA	1.0	
CTS0041	CPT PROGRAMMER ASST Computer Programmer Assistant	/Y	VO	2.0	
CTS0042	JR PROGRAMMER Junior Programmer	/Y	VO	2.0	
CTS0043	JR PROGRAMMER II Junior Programmer II	/Y	VO	2.0	
CTS0044	COMPUTER PROGRAMMER Computer Programmer	/Y	VO	1.0	
9007300	DB APP DEV & PROG Database Application Development and Programming	9- 12, 30, 31 /			BUS ED 1 @2 COMPU SCI 6 COMP PROG 7 G
8207310	DIGITAL INFO TECH Digital Information Technology/Level 2	/Y	PA	1.0	
9007210	FOUND OF PROGRAM Foundations of Programming/Level 3	/Y	VO	1.0	
9007220	PROCEDURAL PROG Procedural Programming/Level 3	/Y	VO	1.0	
9007230	OBJECT-ORIENTED PROG Object-Oriented Programming Fundamentals/Level 3	/Y	VO	1.0	
9007310	DB DSGN & SQL PROG Database Design and SQL Programming /Level 3	/Y	VO	1.0	
9007320	SQL EXT LANGUAGES I SQL Extension Languages I/Level 3	/Y	VO	1.0	
9007330	SQL EXT LANGUAGES II SQL Extension Languages II/Level 3	/Y	VO	1.0	
9007340	CUST DB PROGRAMMING Custom Database Programming/Level 3	/Y	VO	1.0	
Y700300	DB APP DEV & PROG Database Application Development and Programming	30, 31 /			BUS ED 1 @2 COMPU SCI 6 COMP PROG 7 G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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			GRADUATION REQUIREMENTS				
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA		1.0		
CTS0041	CPT PROGRAMMER ASST Computer Programmer Assistant	/Y	VO		2.0		
CTS0044	COMPUTER PROGRAMMER Computer Programmer	/Y	VO		1.0		
CTS0062	DATABASE PROGRAMMER Database Programmer	/Y	VO		4.0		
9007200	JAVA DEV & PROG Java Development and Programming	9- 12, 30, 31 /			BUS ED COMPU SCI	1 @2 6	COMP PROG 7 G
8207310	DIGITAL INFO TECH Digital Information Technology/Level 2	/Y	PA		1.0		
9007210	FOUND OF PROGRAM Foundations of Programming/Level 3	/Y	VO		1.0		
9007220	PROCEDURAL PROG Procedural Programming/Level 3	/Y	VO		1.0		
9007230	OBJECT-ORIENTED PROG Object-Oriented Programming Fundamentals/Level 3	/Y	VO		1.0		
9007240	JAVA PROGRAM ESSEN Java Programming Essentials/Level 3	/Y	VO		1.0		
9007250	APPL OBJ-OR JAVA PRO Applied Object-Oriented Java Programming/Level 3	/Y	VO		1.0		
9007260	JAVA DB PROGRAMMING Java Database Programming/Level 3	/Y	VO		1.0		
9007270	JAVA PROGRAM CAP Java Programming Capstone/Level 3	/Y	VO		1.0		
Y700200	JAVA DEV & PROG Java Development and Programming	30, 31 /			BUS ED COMPU SCI	1 @2 6	COMP PROG 7 G
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA		1.0		
CTS0041	CPT PROGRAMMER ASST Computer Programmer Assistant	/Y	VO		2.0		
CTS0044	COMPUTER PROGRAMMER Computer Programmer	/Y	VO		1.0		
CTS0031	JAVA DEVELOPER Java Developer	/Y	VO		4.0		
9007500	WEB APPL DEV & PROG Web Application Development and Programming	9- 12, 30, 31 /			BUS ED COMPU SCI	1 @2 6	COMP PROG 7 G
8207310	DIGITAL INFO TECH Digital Information Technology/Level 2	/Y	PA		1.0		
9007210	FOUND OF PROGRAM Foundations of Programming/Level 3	/Y	VO		1.0		
9007220	PROCEDURAL PROG Procedural Programming/Level 3	/Y	VO		1.0		
9007230	OBJECT-ORIENTED PROG Object-Oriented Programming Fundamentals/Level 3	/Y	VO		1.0		
9007510	WEB PROGRAMMING Web Programming/Level 3	/Y	VO		1.0		

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			GRADUATION REQUIREMENTS					
9007520	JAVASCRIPT PROGRAM JavaScript Programming/Level 3		/Y	VO	1.0			
9007530	PHP PROGRAMMING PHP Programming/Level 3		/Y	VO	1.0			
Y700500	WEB APPL DEV & PROG Web Application Development and Programming	30, 31	/			BUS ED COMPU SCI	1 @2 6	COMP PROG 7 G
OTA0040	INFO TECH ASST Information Technology Assistant		/Y	PA	1.0			
CTS0041	CPT PROGRAMMER ASST Computer Programmer Assistant		/Y	VO	2.0			
CTS0044	COMPUTER PROGRAMMER Computer Programmer		/Y	VO	1.0			
CTS0034	WEB PROGRAMMER Web Programmer		/Y	VO	3.0			

MIDDLE SCHOOL PROGRAMS

9009350	EXPLOR IT CAREERS Exploring Information Technology Careers	6-8	/S	VO		BUS ED COMPU SCI DIGI MEDIA WEB DEV	1 @2 6 7 G 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	VO		BUS ED COMPU SCI DIGI MEDIA WEB DEV	1 @2 6 7 G 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	/Y	VO		BUS ED CYBER TECH	1 @2 7 G	COMPU SCI 6 INFO TECH 7 G
9009500	FUND OF WEB & SOFT Fundamentals of Web and Software Development	6-8	/Y	VO		BUS ED COMPU SCI WEB DEV	1 @2 6 7 G	COMP PROG 7 G INFO TECH 7 G
9009370	ICT & CAREER PLAN ^a Information and Communications Technology (ICT) Essentials [@] and Career Planning	6-8	/			BUS ED INFO TECH	1 @2 7 G	COMPU SCI 6 WEB DEV 7 G
9009110	INFO & COMM TECH 1 Information and Communications Technology (ICT) Essentials 1		/Y	VO				
9009120	INFO & COMM TECH 2 Information and Communications Technology (ICT) Essentials 2		/Y	VO				
9009140	ICT ESSENTIALS &CP ICT Essentials Career and Career Planning		/Y	VO				
9009100	INFO & COMM TECH ESS Information and Communications Technology (ICT) Essentials	6-8	/			BUS ED INFO TECH	1 @2 7 G	COMPU SCI 6 WEB DEV 7 G
9009110	INFO & COMM TECH 1 Information and Communications Technology (ICT) Essentials 1		/Y	VO				

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9009120	INFO & COMM TECH 2 Information and Communications Technology (ICT) Essentials 2	/Y	VO					
9009130	INFO & COMM TECH 3 Information and Communications Technology (ICT) Essentials 3	/Y	VO					
9000420	IT OJT Information Technology Cooperative Education OJT	9- 12, 30, 31 /M	VO	MULTIPLE	BUS ED 1 @2 CYBER TECH 7 G INFO TECH 7 G	COMP PROG 7 G DIGI MEDIA 7 G WEB DEV 7 G		
Y509999	IT OJT Information Technology Cooperative Education OJT	30, 31 /			BUS ED 1 @2 CYBER TECH 7 G INFO TECH 7 G	COMP PROG 7 G DIGI MEDIA 7 G WEB DEV 7 G		
9000100	IT DIRECTED STUDY Information Technology Directed Study	1112, 30, 31 /M	VO	MULTIPLE	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		

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 /						

|LAW, PUBLIC SAFETY & SECURITY CAREER CLUSTER|

CORRECTION SERVICES CAREER PATH (LWPA)

P430155	COMB CJSTC CORR & LE Combined CJSTC Corrections and Law Enforcement Basic Dual Cert	30, 31 /			CORR OFF 7 G	LAW ENF @7 7 G		
CJK0300	INTRO TO CORRECTIONS Introduction to Corrections	/Y	VO	0.0				
CJK0305	CJSTC COMMUNICATIONS CJSTC Communications	/Y	VO	0.0				
CJK0310	OFFICER SAFETY Officer Safety	/Y	VO	0.0				
CJK0315	FACILITY & EQUIP Facility and Equipment	/Y	VO	0.0				

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			
CJK0320	INTAKE & RELEASE Intake and Release	/Y	VO		0.0	
CJK0325	SPRV CORR FACILITY Supervising in a Correctional Facility	/Y	VO		0.0	
CJK0330	SPRV SP POPULATIONS Supervising Special Populations	/Y	VO		0.0	
CJK0335	RESP INCIDENT & EMER Responding to Incidents and Emergencies	/Y	VO		0.0	
CJK0031	CMS FIRST AIDE/CJO CMS First Aide for Criminal Justice Officer	/Y	VO		0.0	
CJK0040	CMS CRIM JUST FIREAR CMS Criminal Justice Firearms	/S	VO		0.5	
CJK0051	CMS CRIM JUST DEF TA CMS Criminal Justice Defensive Tactics	/S	VO		0.5	
CJK0340	OFF WELLNESS & PA Officer Wellness and Physical Abilities	/Y	VO		0.0	
CJK0293	OVERVIEW OF LAW ENF Overview of Law Enforcement	/Y	VO		0.0	
CJK0297	CRISIS SITUATIONS Interactions in Crisis Situations	/Y	VO		0.0	
CJK0296	REPORTING PROCEDURES Reporting Procedures	/Y	VO		0.0	
CJK0064	FUNDS OF PATROL Fundamentals of Patrol	/Y	VO		0.0	
CJK0065	CALLS FOR SERVICE Calls for Service	/S	VO		0	
CJK0077	CRIMINAL INVEST Criminal Investigations	/Y	VO		0.0	
CJK0078	CRIME SCENE/COUTROOM Crime Scene to Courtroom	/S	VO		0	
CJK0092	CRITICAL INCIDENTS Critical Incidents	/Y	VO		0.0	
P43015B	COMB CJSTC (Cont.) Combined CJSTC Corrections and Law Enforcement Basic Dual Cert (Cont.)	30, 31	/			
CJK0087	TRAFFIC STOPS Traffic Stops	/Y	VO		0.0	
CJK0084	DUI TRAFFIC STOPS DUI Traffic Stops	/Y	VO		0.0	
CJK0088	TRAF CRASH INVEST Traffic Crash Investigations	/Y	VO		0.0	
CJK0393	CROSSOVER PROG UPDAT Crossover Program Updates	/S	VO		0	
CJK0020	CMS LAW ENF VEH OPS CMS Law Enforcement Vehicle Operations	/Y	VO		0.0	
CJK0422	DART FIRING STUN GUN Dart Firing Stun Gun	/Y	VO		0.0	
CJK0295	CO TO LE OFF WELLNES Correctional Crossover to Law Enforcement Officer Wellness	/S	VO		0	

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						
CJK0392	CROSSOVER HANDGUN TR Crossover Handgun Transition Course	/S	VO	0					
P430102	CORRECTIONAL OFFICER Correctional Officer (Traditional Correctional BRTP)	30, 31	/		CORR OFF	7 G	LAW ENF	@7	7 G
CJK0300	INTRO TO CORRECTIONS Introduction to Corrections	/Y	VO	0.0					
CJK0305	CJSTC COMMUNICATIONS CJSTC Communications	/Y	VO	0.0					
CJK0310	OFFICER SAFETY Officer Safety	/Y	VO	0.0					
CJK0315	FACILITY & EQUIP Facility and Equipment	/Y	VO	0.0					
CJK0320	INTAKE & RELEASE Intake and Release	/Y	VO	0.0					
CJK0325	SPRV CORR FACILITY Supervising in a Correctional Facility	/Y	VO	0.0					
CJK0330	SPRV SP POPULATIONS Supervising Special Populations	/Y	VO	0.0					
CJK0335	RESP INCIDENT & EMER Responding to Incidents and Emergencies	/Y	VO	0.0					
CJK0031	CMS FIRST AIDE/CJO CMS First Aide for Criminal Justice Officer	/Y	VO	0.0					
CJK0040	CMS CRIM JUST FIREAR CMS Criminal Justice Firearms	/S	VO	0.5					
CJK0051	CMS CRIM JUST DEF TA CMS Criminal Justice Defensive Tactics	/S	VO	0.5					
CJK0340	OFF WELLNESS & PA Officer Wellness and Physical Abilities	/Y	VO	0.0					
P430122	CORR PROBATION OFR Correctional Probation Officer	30, 31	/		CORR OFF	7 G	LAW ENF	@7	7 G
CJK0271	CORR PROB LEGAL Correctional Probation Legal	/Y	VO	0.0					
CJK0272	CORR PROB INT COM SK Correctional Probation Interpersonal Communication Skills	/Y	VO	0.0					
CJK0273	CORR PROB CASE MGMT Correctional Probation Caseload Management	/Y	VO	0.0					
CJK0274	CORR PROB SUPERVIS Correctional Probation Supervision	/S	VO	0.5					
CJK0275	CORR PROB INVEST Correctional Probation Investigations	/Y	VO	0.0					
CJK0276	CORR PROB MGMT INFO Correctional Probation Management Information Systems	/Y	VO	0.0					
CJK0051	CMS CRIM JUST DEF TA CMS Criminal Justice Defensive Tactics	/S	VO	0.5					
CJK0031	CMS FIRST AIDE/CJO CMS First Aide for Criminal Justice Officer	/Y	VO	0.0					

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				
			REQUIREMENTS	GRADUATION						
CJK0281	CJ OFF PHY FIT TR/P0 Criminal Justice Officer Physical Fitness Training/Probation Officer		/Y	VO	0.0					
P430132	CROSSOVER CO TO CPO Crossover from Correctional Officer to Correctional Probation Officer	30, 31	/			CORR OFF	7 G	LAW ENF	@7	7 G
CJK0230	CORR CO TO CP:LEG&CO Correctional Cross-Over to Correctional Probation Legal & Communication		/Y	VO	0.0					
CJK0231	CORR CO TO CP: SUPERV Correctional Cross-Over to Correctional Probation Supervision		/Y	VO	0.0					
CJK0232	CORR CO TO CP: INVEST Correctional Cross-Over to Correctional Probation Investigations		/Y	VO	0.0					
CJK0276	CORR PROB MGMT INFO Correctional Probation Management Information Systems		/Y	VO	0.0					
CJK0273	CORR PROB CASE MGMT Correctional Probation Caseload Management		/Y	VO	0.0					
CJK0393	CROSSOVER PROG UPDAT Crossover Program Updates		/S	VO	0					
CJK0235	CORR TO CPO WELLNESS Correctional Cross-Over to Correctional Probation Officer Wellness		/S	VO	0					
P430125	CROSSOVER CO TO LEO Crossover from Correctional Officer to Law Enforcement Officer	30, 31	/			CORR OFF	7 G	LAW ENF	@7	7 G
CJK0293	OVERVIEW OF LAW ENF Overview of Law Enforcement		/Y	VO	0.0					
CJK0297	CRISIS SITUATIONS Interactions in Crisis Situations		/Y	VO	0.0					
CJK0296	REPORTING PROCEDURES Reporting Procedures		/Y	VO	0.0					
CJK0064	FUNDS OF PATROL Fundamentals of Patrol		/Y	VO	0.0					
CJK0065	CALLS FOR SERVICE Calls for Service		/S	VO	0					
CJK0077	CRIMINAL INVEST Criminal Investigations		/Y	VO	0.0					
CJK0078	CRIME SCENE/COUTROOM Crime Scene to Courtroom		/S	VO	0					
CJK0092	CRITICAL INCIDENTS Critical Incidents		/Y	VO	0.0					
CJK0087	TRAFFIC STOPS Traffic Stops		/Y	VO	0.0					
CJK0084	DUI TRAFFIC STOPS DUI Traffic Stops		/Y	VO	0.0					
CJK0088	TRAF CRASH INVEST Traffic Crash Investigations		/Y	VO	0.0					

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							
CJK0393	CROSSOVER PROG UPDAT Crossover Program Updates	/S	VO		0					
CJK0020	CMS LAW ENF VEH OPS CMS Law Enforcement Vehicle Operations	/Y	VO		0.0					
CJK0422	DART FIRING STUN GUN Dart Firing Stun Gun	/Y	VO		0.0					
CJK0392	CROSSOVER HANDGUN TR Crossover Handgun Transition Course	/S	VO		0					
CJK0295	CO TO LE OFF WELLNES Correctional Crossover to Law Enforcement Officer Wellness	/S	VO		0					
P430152	CROSSOVER LEO TO CO Crossover from Law Enforcement Officer to Correctional Officer	30, 31	/			CORR OFF	7	G	LAW ENF	@7 7 G
CJK0200	OVERVIEW CORRECTIONS Overview of Corrections	/S	VO		0					
CJK0310	OFFICER SAFETY Officer Safety	/Y	VO		0.0					
CJK0315	FACILITY & EQUIP Facility and Equipment	/Y	VO		0.0					
CJK0320	INTAKE & RELEASE Intake and Release	/Y	VO		0.0					
CJK0325	SPRV CORR FACILITY Supervising in a Correctional Facility	/Y	VO		0.0					
CJK0330	SPRV SP POPULATIONS Supervising Special Populations	/Y	VO		0.0					
CJK0205	LE RESPOND INCIDENTS LE Crossover to Correctional Responding to Incidents & Emergencies	/S	VO		0					
CJK0393	CROSSOVER PROG UPDAT Crossover Program Updates	/S	VO		0					
CJK0392	CROSSOVER HANDGUN TR Crossover Handgun Transition Course	/S	VO		0					
CJK0354	LE TO CO OFF WELLNES Law Enforcement Crossover to Correctional Officer Wellness	/S	VO		0					

EMERGENCY & FIRE MANAGEMENT SERVICES CAREER PATH (LWPB)

^a P430205	^a FIRE FIGHTER Fire Fighter	30, 31	/			FIRE FIGHT	@7	7	G	
FFP0010	FIRE FIGHTER I Fire Fighter I		/Y	VO	1.0					
FFP0020	FIRE FIGHTER II Fire Fighter II		/Y	VO	1.0					
FFP0360	FIRE APPARATUS OP Fire Apparatus Operator		/S	VO	0.5					
FFP0363	EVOC Emergency Vehicle Operator Course (EVOC)		/Y	VO	0.0					

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			
FFP0142	MED FIRST RESPONDER Medical First Responder		/Y	VO	0.0	
P430210	FIRE FIGHTER I/II Fire Fighter I/II	30, 31	/			FIRE FIGHT @7 7 G
FFP0010	FIRE FIGHTER I Fire Fighter I		/Y	VO	1.0	
FFP0020	FIRE FIGHTER II Fire Fighter II		/Y	VO	1.0	
^a P430215	^a FIRE FIGHTER/EMT COMB Fire Fighter/Emergency Medical Technician-Combined	30, 31	/			CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
FFP0010	FIRE FIGHTER I Fire Fighter I		/Y	VO	1.0	
FFP0020	FIRE FIGHTER II Fire Fighter II		/Y	VO	1.0	
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0	
EMS0159	EMER MEDICAL TECH Emergency Medical Technician		/Y	VO	1.0	
[□] P430216	[□] FIRE FIGHTER/EMT COMB Fire Fighter/Emergency Medical Technician-Combined (NEW)	30, 31	/			EMT 7 G PARAMEDIC @7 7 G REG NURSE 7 G PRAC NURSE @7 %7 %G FIRE FIGHT @7 7 G
FFP0010	FIRE FIGHTER I Fire Fighter I		/Y	VO	1.0	
FFP0020	FIRE FIGHTER II Fire Fighter II		/Y	VO	1.0	
EMS0110	EMERGENCY MED TECH Emergency Medical Technician(EMT)		/Y	VO	2.0	
^a P430204	^a FIRE SAFETY INSPECT Firesafety Inspector	30, 31	/			FIRE FIGHT @7 7 G
^a FFP0560	^a FIRE SAFETY INSPECT I Firesafety Inspector I		/Y	VO	1.0	
^a FFP0562	^a FIRE SAFETY INSPEC II Firesafety Inspector II		/Y	VO	1.0	
8918200	INTRO TO FIRE FIGHT Introduction to Fire Fighting	10- 12, 30, 31/				FIRE FIGHT @7 7 G
8918210	FIRE FIGHTING 1 Firefighting 1/Level 2		/Y	VO	1.0	
8918220	FIRE FIGHTING 2 Firefighting 2/Level 2		/Y	VO	1.0	
8918230	FIRE FIGHTING 3 Firefighting 3/Level 3		/Y	VO	1.0	
P439991	POLICE SERVICE AIDE Police Service Aide	30, 31	/			LAW ENF @7 G 7 PUB SERV 7 G
CJK0110	PARK ENFORCE SPEC Parking Enforcement Specialist		/Y	VO	0.0	
CJK0112	TRAF ACCIDENT INVEST Traffic Accident Investigator		/S	VO	0.5	
CJK0114	POLICE SERVICE AIDE Police Service Aide		/S	VO	0.5	

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	
9101000	PUBLIC SAFETY TELE Public Safety Telecommunication	11- 12, 30, 31/Y			CORR OFF 7 G LAW ENF @7 7 G PUB SERV 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE	FIRE FIGHT @7 7 G PUB SAF TE 7 G
9101100	DISP: POL, FIRE, AMB Dispatcher: Police, Fire, Ambulance Level 2	/Y	VO	1.5		
P090101	PUBLIC SAFETY TELE Public Safety Telecommunication	30, 31	/		CORR OFF 7 G LAW ENF @7 7 G PUB SERV 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE	FIRE FIGHT @7 7 G PUB SAF TE 7 G
EMS0002	DISP: POL, FIRE, AMB Dispatcher: Police, Fire, Ambulance	/Y	VO	1.5		
^a P430203	^a PUMP OPERATOR Pump Operator	30, 31	/		FIRE FIGHT @7 7 G	PUB SERV 7 G
FFP0360	FIRE APPARATUS OP Fire Apparatus Operator	/S	VO	0.5		
SECURITY & PROTECTIVE SERVICES CAREER PATH (LWPC)						
P430208	PRIV INVEST INTERN Private Investigator Intern	30, 31	/		LAW ENF @7 7 G	PUB SERV 7 G
SCY0051	PRIV INVEST INTERN 1 Private Investigator Intern 1	/Y	VO	0.0		
SCY0052	PRIV INVEST INTERN 2 Private Investigator Intern 2	/Y	VO	0.0		
P430109	PRIVATE SECURITY OFR Private Security Officer	30, 31	/		LAW ENF @7 7 G	PUB SERV 7 G
CJK0132	PRIVATE SECURITY OFF Private Security Officer	/Y	VO	0.0		
CJK0134	ARMED PRIV SEC OFF Armed Private Security Officer	/Y	VO	0.0		
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
^a P430110	^a SEA SEC OFR Seaport Security Officer	30, 31	/		LAW ENF @7 7 G	PUB SERV 7 G
^a DSC0230	^a SEAPORT SECURITY OFF Seaport Security Officer	/Y	VO	1.0		
LAW ENFORCEMENT SERVICES CAREER PATH (LWPD)						
P430115	AUX LAW ENF OFR Auxiliary Law Enforcement Officer	30, 31	/		LAW ENF @7 7 G	
CJK0240	LE AUXILLIARY INTRO Law Enforcement Auxiliary Introduction	/Y	VO	0.0		
CJK0241	LE AUX PAT & TRAFFIC Law Enforcement Auxiliary Patrol and Traffic	/Y	VO	0.0		
CJK0242	LE AUX INVESTIGATION Law Enforcement Auxiliary Investigations	/Y	VO	0.0		

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		
			REQUIREMENTS	GRADUATION				
CJK0422	DART FIRING STUN GUN Dart Firing Stun Gun	/Y	VO		0.0			
CJK0031	CMS FIRST AIDE/CJO CMS First Aide for Criminal Justice Officer	/Y	VO		0.0			
CJK0040	CMS CRIM JUST FIREAR CMS Criminal Justice Firearms	/S	VO		0.5			
CJK0051	CMS CRIM JUST DEF TA CMS Criminal Justice Defensive Tactics	/S	VO		0.5			
CJK0020	CMS LAW ENF VEH OPS CMS Law Enforcement Vehicle Operations	/Y	VO		0.0			
8918000	CRIMINAL JUSTICE OPS Criminal Justice Operations	9- 12, 30, 31 /				CORR OFF PUB SERV	7 G 7 G	LAW ENF @7 7 G
8918010	CRIMINAL JUST OPS 1 Criminal Justice Operations 1/Level 2	/Y	VO		1.0			
8918020	CRIMINAL JUST OPS 2 Criminal Justice Operations 2/Level 2	/Y	VO		1.0			
8918030	CRIMINAL JUST OPS 3 Criminal Justice Operations 3/Level 3	/Y	VO		1.0			
8918040	CRIMINAL JUST OPS 4 Criminal Justice Operations 4/Level 3	/Y	VO		1.0			
P430199	CRIMINAL JUSTICE OPS Criminal Justice Operations	30, 31 /				CORR OFF PUB SERV	7 G 7 G	LAW ENF @7 7 G
CJK0120	POL SERVICE AIDE-CJO Police Service Aide- Criminal Justice Operations	/Y	VO		3.0			
P430107	CROSSOVER CPO TO LEO Crossover Correctional Probation Officer to Law Enforcement Officer	30, 31 /				CORR OFF	7 G	LAW ENF @7 7 G
CJK0293	OVERVIEW OF LAW ENF Overview of Law Enforcement	/Y	VO		0.0			
CJK0228	LE REPORT WRITING Law Enforcement Report Writing	/Y	VO		0.0			
CJK0064	FUNDS OF PATROL Fundamentals of Patrol	/Y	VO		0.0			
CJK0219	RESPOND CALLS/SER Responding to Calls for Service	/Y	VO		0.0			
CJK0077	CRIMINAL INVEST Criminal Investigations	/Y	VO		0.0			
CJK0229	CRIME SCENE PROC Crime Scene Procedures	/Y	VO		0.0			
CJK0092	CRITICAL INCIDENTS Critical Incidents	/Y	VO		0.0			
CJK0087	TRAFFIC STOPS Traffic Stops	/Y	VO		0.0			
CJK0084	DUI TRAFFIC STOPS DUI Traffic Stops	/Y	VO		0.0			
CJK0088	TRAF CRASH INVEST Traffic Crash Investigations	/Y	VO		0.0			
CJK0393	CROSSOVER PROG UPDAT Crossover Program Updates	/S	VO		0			

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		
			REQUIREMENTS	GRADUATION				
CJK0020	CMS LAW ENF VEH OPS CMS Law Enforcement Vehicle Operations	/Y	VO		0.0			
CJK0422	DART FIRING STUN GUN Dart Firing Stun Gun	/Y	VO		0.0			
CJK0040	CMS CRIM JUST FIREAR CMS Criminal Justice Firearms	/S	VO		0.5			
CJK0227	CP CO LE OFF WELLNES Correctional Probation Crossover to Law Enforcement Officer Wellness	/Y	VO		0.0			
P430142	CROSSOVER CPO TO CO Crossover Correctional Probation Officer Training to Traditional Correctional (BRTP)	30, 31	/			CORR OFF	7 G	LAW ENF @7 7 G
CJK0300	INTRO TO CORRECTIONS Introduction to Corrections	/Y	VO		0.0			
CJK0287	CP CO RADIO SEARCH Correctional Probation Crossover to Correctional Radio Communications	/Y	VO		0.0			
CJK0315	FACILITY & EQUIP Facility and Equipment	/Y	VO		0.0			
CJK0320	INTAKE & RELEASE Intake and Release	/Y	VO		0.0			
CJK0325	SPRV CORR FACILITY Supervising in a Correctional Facility	/Y	VO		0.0			
CJK0330	SPRV SP POPULATIONS Supervising Special Populations	/Y	VO		0.0			
CJK0335	RESP INCIDENT & EMER Responding to Incidents and Emergencies	/Y	VO		0.0			
CJK0393	CROSSOVER PROG UPDAT Crossover Program Updates	/S	VO		0			
CJK0391	CP CO OFF WELLNESS Correctional Probation Crossover to Correctional Officer Wellness	/Y	VO		0.0			
CJK0040	CMS CRIM JUST FIREAR CMS Criminal Justice Firearms	/S	VO		0.5			
P430105	FL LAW ENFORCE ACAD Florida Law Enforcement Academy	30, 31	/			CORR OFF	7 G	LAW ENF @7 7 G
CJK0001	INTRO TO LAW ENFORCE Introduction to Law Enforcement	/Y	VO		0.0			
CJK0012	LEGAL Legal	/Y	VO		0.0			
CJK0013	DIVERSE COMMUNITY Interactions in a Diverse Community	/Y	VO		0.0			
CJK0014	INTERVIEW & REPORT Interviewing and Report Writing	/Y	VO		0.0			
CJK0064	FUNDS OF PATROL Fundamentals of Patrol	/Y	VO		0.0			
CJK0065	CALLS FOR SERVICE Calls for Service	/S	VO		0			
CJK0077	CRIMINAL INVEST Criminal Investigations	/Y	VO		0.0			

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
CJK0078	CRIME SCENE/COUTROOM Crime Scene to Courtroom	/S	VO	0	
CJK0092	CRITICAL INCIDENTS Critical Incidents	/Y	VO	0.0	
CJK0087	TRAFFIC STOPS Traffic Stops	/Y	VO	0.0	
CJK0084	DUI TRAFFIC STOPS DUI Traffic Stops	/Y	VO	0.0	
CJK0088	TRAF CRASH INVEST Traffic Crash Investigations	/Y	VO	0.0	
CJK0020	CMS LAW ENF VEH OPS CMS Law Enforcement Vehicle Operations	/Y	VO	0.0	
CJK0031	CMS FIRST AIDE/CJO CMS First Aide for Criminal Justice Officer	/Y	VO	0.0	
CJK0040	CMS CRIM JUST FIREAR CMS Criminal Justice Firearms	/S	VO	0.5	
CJK0051	CMS CRIM JUST DEF TA CMS Criminal Justice Defensive Tactics	/S	VO	0.5	
CJK0422	DART FIRING STUN GUN Dart Firing Stun Gun	/Y	VO	0.0	
CJK0096	CJ OFF PHYS FIT TRA Criminal Justice Officer Physical Fitness Training/Law Enforcement	/Y	VO	0.0	

LEGAL SERVICES CAREER PATH (LWPE)

P430135	BAIL BOND AGENT Bail Bond Agent	30, 31	/		LAW ENF @7 7 G
SCY0050	BAIL BOND AGENT Bail Bond Agent		/S	VO	0.5
8900220	EXP OF CJ OCCS Exploration of Criminal Justice Occupations	6-8	/S	VO	ANY PUB SERV OCC ED G CORR OFF 7 G LAW ENF @7 7 G

GENERAL PROGRAMS

9160350	INTRO LAW & PS Introduction to Law, Public Safety and Security	6-8	/S	VO	ANY PUB SERV OCC ED G CORR OFF 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	VO	ANY PUB SERV OCC ED G CORR OFF 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 OCC ED G CORR OFF 7 G LAW ENF @7 7 G
P439999	LAW, PS & SEC - OJT Law, Public Safety and Security Cooperative Education - OJT	30, 31	/		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			
8900100	LAW, PS & SECU DS Law, Public Safety and Security Directed Study	1112, 30, 31 /M	VO	MULTIPLE	ANY PUB SERV OCC ED G CORR OFF 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 Tech Technician-Combined - Apprenticeship	30, 31 /				

|MANUFACTURING CAREER CLUSTER|

MANUFACTURING PRODUCTION PROCESS CAREER PATH (MNPA)

9200100	AUTO & PROD TECH Automation and Production Technology	9-12, 30, 31 /			AUTO PROD 7G ELECTRONIC @7 7 G TEC ED 1 @2	ENG 7 G
9200110	AUTO & PROD TECH 1 Automation and Production Technology 1/Level 3	/Y	VO	1.0		
9200120	AUTO & PROD TECH 2 Automation and Production Technology 2/Level 3	/Y	VO	1.0		
9200130	AUTO & PROD TECH 3 Automation and Production Technology 3, Level 3	/Y	VO	1.0		
9200140	AUTO & PROD TECH 4 Automation and Production Technology 4, Level 3	/Y	VO	1.0		
J100100	AUTO & PROD TECH Automation and Production Technology	30, 31 /			AUTO PROD 7G ELECTRONIC @7 7 G TEC ED 1 @2	ENG 7 G
ETI0481	PRODUCTION WORKER Production Worker	/Y	VO	1.0		
ETI0482	ASSEMBLER Assembler	/Y	VO	1.0		
ETI0484	PROCESS ASSISTANT Process Assistant	/Y	VO	1.0		
ETI0485	AUTO & PROD TECH Automation and Production Technician	/Y	VO	1.0		

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			GRADUATION REQUIREMENTS			
I150404	ELEC & INST TECH Electrical and Instrumentation Technology	30, 31	/			ELECTRONIC @7 7 G TEC ELEC @7 7 G
EEV0650	ELECTRICIAN (CONST) Electrician (Construction)		/Y	VO	2.0	
EEV0652	INSTRUMENT MECH Instrument Mechanic		/Y	VO	2.0	
EEV0654	ELECTRICIAN MAINT Electrician Maintenance		/Y	VO	2.0	
EEV0656	INSTRUMENT TECH Instrument Technician		/Y	VO	2.5	
EEV0658	OP ENGR ASST STAT Operating Engineer Assistant Stationary		/Y	VO	2.5	
J110100	ELEC & INST TECH 1 Electrical and Instrumentation Technology 1	30, 31	/			ELECTRONIC @7 7 G TEC ELEC @7 7 G
EEV0650	ELECTRICIAN (CONST) Electrician (Construction)		/Y	VO	2.0	
EEV0652	INSTRUMENT MECH Instrument Mechanic		/Y	VO	2.0	
EEV0654	ELECTRICIAN MAINT Electrician Maintenance		/Y	VO	2.0	
J110200	ELEC & INST TECH 2 Electrical and Instrumentation Technology 2	30, 31	/			ELECTRONIC @7 7 G TEC ELEC @7 7 G
EEV0656	INSTRUMENT TECH Instrument Technician		/Y	VO	2.5	
EEV0658	OP ENGR ASST STAT Operating Engineer Assistant Stationary		/Y	VO	2.5	
8743000	ENGINEERING ASSIST Engineering Assisting	9- 12, 30, 31	/			BLDG CONST ¶7 ¶G ELECTRONIC @7 7 G ENG 7 G IND ENGR 7 G MACH SHOP @7 7 G MILLWRIGHT 7 G TEC CONSTR ¶7 ¶G TEC ED 1 @2 WELDING @7 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8743010	ENGINEERING ASSIST 1 Engineering Assisting 1/Level 2		/Y	VO	1.0	
8743020	ENGINEERING ASSIST 2 Engineering Assisting 2/Level 2		/Y	VO	1.0	
8743030	ENGINEERING ASSIST 3 Engineering Assisting 3/Level 2		/Y	VO	1.0	
8743040	ENGINEERING ASSIST 4 Engineering Assisting 4/Level 2		/Y	VO	1.0	
8743050	ENGINEERING ASSIST 5 Engineering Assisting 5/Level 2		/Y	VO	1.0	
8743060	ENGINEERING ASSIST 6 Engineering Assisting 6/Level 2		/Y	VO	1.0	
I150603	INDUSTRIAL TECH Industrial Technology	30, 31	/			IND ENGR 7 G

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT	CERTIFICATION
			GRADUATION REQUIREMENTS			
ETI0600	DRAFT ASST MACH Drafting Assistant Machining	/Y	VO		2.0	
ETI0601	COST CONTROL ASST Cost Control Assistant	/Y	VO		2.0	
ETI0602	INDUST TECH ASST 1 Industrial Technician Assistant 1	/Y	VO		1.5	
ETI0603	INDUST TECH ASST 2 Industrial Technician Assistant 2	/Y	VO		1.5	
ETI0604	INDUST ENGR TECH 1 Industrial Engineering Technician 1	/Y	VO		1.5	
ETI0605	INDUST ENGR TECH 2 Industrial Engineering Technician 2	/Y	VO		1.5	
----- PRODUCTION CAREER PATH (MNPB) -----						
αJ200300	CNC PRODUCTION SPEC CNC Production Specialist	30, 31	/			ENG 7 G METAL WORK 7 G MACH SHOP @7 7 G
PMT0026	CNC PROD TECH I CNC Production Technician I	/Y	VO		2.0	
PMT0027	CNC PROD TECH II CNC Production Technician II	/Y	VO		2.0	
^a I470129	^a ELECT SYS ASSEMBLY Electronic System Assembly	30, 31	/			TEC ELEC @7 7 G ELECTRONIC @7 7 G
^a EEV0020	^a ELECT, ELECTR ASSEMB Electrical, Electronic Assembler	/Y	VO		3.0	
^a 8754000	^a MACHINING Machining	9- 12, 30, 31	/			MACH SHOP @7 7 G TOOL DIE 7 G METAL WORK 7 G
^a 8754010	^a MACHINING 1 Machining 1/Level 2	/Y	VO		1.0	
^a 8754020	^a MACHINING 2 Machining 2/Level 2	/Y	VO		1.0	
^a 8754030	^a MACHINING 3 Machining 3/Level 2	/Y	VO		1.0	
^a 8754040	^a MACHINING 4 Machining 4/Level 3	/Y	VO		1.0	
^a 8754050	^a MACHINING 5 Machining 5/Level 3	/Y	VO		1.0	
^a 8754060	^a MACHINING 6 Machining 6/Level 3	/Y	VO		1.0	
^a 8754070	^a MACHINING 7 Machining 7/Level 3	/Y	VO		1.0	
^a 8754080	^a MACHINING 8 Machining 8/Level 3	/Y	VO		1.0	
^a 8754090	^a MACHINING 9 Machining 9/Level 3	/Y	VO		1.0	
^a 8754091	^a MACHINING 10 Machining 10/Level 3	/Y	VO		1.0	
^a I480503	^a MACHINING Machining	30, 31	/			MACH SHOP @7 7 G TOOL DIE 7 G METAL WORK 7 G
PMT0020	MACHINIST HELPER Machinist Helper	/Y	PA		2.0	

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT	CERTIFICATION
			REQUIREMENTS	GRADUATION		
^a PMT0021	MACHINE OPERATOR Machine Operator	/Y	VO		3.0	
^a PMT0023	MACHINE SETUP OP Machine Setup Operator	/Y	VO		3.0	
PMT0025	MACHINIST Machinist	/Y	VO		2.0	
J200100	MACHINING TECH Machining Technologies	30, 31	/			MACH SHOP @7 7 G TOOL DIE %7 G METAL WORK 7 G
PMT0020	MACHINIST HELPER Machinist Helper	/Y	PA		2.0	
PMT0022	MACHINIST OPERATOR Machinist Operator	/Y	VO		2.0	
PMT0024	MACHINIST SETUP OP Machinist Setup Operator	/Y	VO		4.0	
PMT0025	MACHINIST Machinist	/Y	VO		2.0	
9202100	MACHINING TECHNOLOGY Machining Technology	9- 12, 30, 31	/			MACH SHOP @7 7 G TOOL DIE %7 G METAL WORK 7 G
9202110	MACHINING TECH 1 Machining Technology 1/Level 3	/Y	VO		1.0	
9202120	MACHINING TECH 2 Machining Technology 2/Level 3	/Y	PA		1.0	
9202130	MACHINING TECH 3 Machining Technology 3/Level 3	/Y	VO		1.0	
9202140	MACHINING TECH 4 Machining Technology 4/Level 3	/Y	VO		1.0	
9202150	MACHINING TECH CAP Machining Technology Capstone/Level 3	/Y	PA		1.0	
^a J200200	MECHATRONICS TECH Mechatronics Technology	30, 31	/			AUTO PROD 7G AVIONICS @7 7 G ENG 7 G ROBOTICS 7 G ELECTRONIC @7 7 G IND ENGR 7 G
EEV0010	ELECTRONICS ASMBR Electronics Assembler	/Y	VO		2.0	
EEV0100	ELECTRONICS TESTER Electronics Tester	/Y	VO		3.0	
EEV0752	ELECTROMECH ASSEM Electromechanical Assembler	/Y	VO		3.0	
EEV0753	MECHATRONIC TECH Mechatronic Technician	/Y	VO		2.0	
^a 8754300	^a PRECISION METAL FAB Precision Metal Fabrication	9- 12, 30, 31	/			SHEETMETAL @7 7 G WELDING @7 7 G METAL WORK 7 G
^a 8754310	METAL FABRI CATION 1 Metal Fabrication 1/Level 2	/Y	VO		1.0	
^a 8754320	METAL FABRI CATION 2 Metal Fabrication 2/Level 2	/Y	VO		1.0	
^a 8754330	METAL FABRI CATION 3 Metal Fabrication 3/Level 2	/Y	VO		1.0	
^a 8754340	METAL FABRI CATION 4 Metal Fabrication 4/Level 2	/Y	VO		1.0	
^a 8754350	METAL FABRI CATION 5 Metal Fabrication 5/Level 2	/Y	PA		1.0	

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			GRADUATION REQUIREMENTS			
^a 8754360	METAL FABRI CATION 6 Metal Fabri cation 6/Level 2	/Y	VO		1.0	
^a 8754370	METAL FABRI CATION 7 Metal Fabri cation 7/Level 2	/Y	VO		1.0	
^a 8754380	METAL FABRI CATION 8 Metal Fabri cation 8/Level 2	/Y	VO		1.0	
^a 8754390	METAL FABRI CATION 9 Metal Fabri cation 9/Level 2	/Y	VO		1.0	
^a 8754391	METAL FABRI CATION 10 Metal Fabri cation 10/Level 2	/Y	VO		1.0	
MAINTENANCE, INSTALLATION & REPAIR CAREER PATH (MNPC)						
J400100	BIOMED EQUIP RPR TEC Bi omedi cal Equipment Repai r Technology	30, 31	/		BIOMED EQ 7 G MED EQ TEC 7 G	ELECTRONIC @7 7 G
AVS0095	BASIC ELECT TROUBLE Basic Electronics Troubl eshooter	/Y	VO		1.0	
EER0006	ELECT EQUIP REPAIR Electroni cs Equi pment Repai rer	/Y	VO		1.0	
EER0090	BIOMED ELECT TROUB 1 Bi omedi cal Electroni cs Troubl eshooter 1	/Y	VO		1.0	
EER0091	BIOMED ELECT RPR TEC Bi omedi cal Electroni cs Repai r Techni ci an	/Y	VO		1.0	
EER0092	BIOMED IMAGE EQUIP 1 Bi omedi cal Imagi ng Equi pment 1	/Y	VO		1.5	
EER0093	BIOMED IMAGE EQ TECH Bi omedi cal Imagi ng Equi pment Techni ci an	/Y	VO		1.5	
9204100	BIOMED EQUIP TECH Bi omedi cal Equipment Technology	9- 12	/		BIOMED EQ 7 G MED EQ TEC 7 G	ELECTRONIC @7 7 G
9540310	ELECTRONICS FUND 1 Electroni cs Fundamentals 1/Level 3	/Y	VO		1.0	
9204110	ELECT EQUIP TROUBLE Electroni cs Equi pment Troubl eshooter/Level 3	/Y	VO		1.0	
9204120	MEDICAL ELECTRONIC 1 Medi cal Electroni cs 1/Level 3	/Y	VO		1.0	
9204130	BIOMED ELECT TECH Bi omedi cal Electroni cs Techni ci an/ Level 3	/Y	VO		1.0	
^a 8751300	^a BOAT&YCT RPR/REF TEC Boat and Yacht Repai r/Refi ni shi ng Technology	9- 12, 30, 31	/		SEAMANSHIP 7 G	CARPENTRY @7 7 G
^a 8751310	BOAT & YCT R/R TEC 1 Boat and Yacht Repai r/Refi ni shi ng Technology 1/Level 2	/Y	VO		1.0	

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT	CERTIFICATION
			GRADUATION REQUIREMENTS			
^a 8751320	BOAT & YCT R/R TEC 2 Boat and Yacht Repair/Refinishing Technology 2/Level 2	/Y	VO		1.0	
^a 8751330	BOAT & YCT R/R TEC 3 Boat and Yacht Repair/Refinishing Technology 3/Level 2	/Y	VO		1.0	
^a 8751340	BOAT & YCT R/R TEC 4 Boat and Yacht Repair/Refinishing Technology 4/Level 2	/Y	VO		1.0	
^a 8751350	BOAT & YCT R/R TEC 5 Boat and Yacht Repair/Refinishing Technology 5/Level 2	/Y	VO		1.0	
^a 8751360	BOAT & YCT R/R TEC 6 Boat and Yacht Repair/Refinishing Technology 6/Level 2	/Y	VO		1.0	
^a 8751370	BOAT & YCT R/R TEC 7 Boat and Yacht Repair/Refinishing Technology 7/Level 2	/Y	VO		1.0	
^a 8751380	BOAT & YCT R/R TEC 8 Boat and Yacht Repair/Refinishing Technology 8/Level 2	/Y	VO		1.0	
^a 8751390	BOAT & YCT R/R TEC 9 Boat and Yacht Repair/Refinishing Technology 9/Level 2	/Y	VO		1.0	
8730000	ELECTRONIC TECH Electronic Technology	9- 12, 30, 31 /				AVIONICS @7 7 G RADIO TV %7 %G TV PRO TEC @7 7 G
8730010	ELECTRONIC 1 Electronic 1/Level 3	/Y	VO		1.0	
8730020	ELECTRONIC 2 Electronic 2/Level 3	/Y	VO		1.0	
8730030	ELECTRONIC 3 Electronic 3/Level 3	/Y	VO		1.0	
8730040	ELECTRONIC 4 Electronic 4/Level 3	/Y	VO		1.0	
8730050	ELECTRONIC 5 Electronic 5/Level 3	/Y	VO		1.0	
8730060	ELECTRONIC 6 Electronic 6/Level 3	/Y	VO		1.0	
8730070	ELECTRONIC 7 Electronic 7/Level 3	/Y	VO		1.0	
8730080	ELECTRONIC 8 Electronic 8/Level 3	/Y	VO		1.0	
8730090	ELECTRONIC 9 Electronic 9/Level 3	/Y	VO		1.0	
8730091	ELECTRONIC 10 Electronic 10/Level 3	/Y	VO		1.0	
I150303	ELECTRONIC TECH Electronic Technology	30, 31 /				AVIONICS @7 7 G RADIO TV %7 %G TV PRO TEC @7 7 G
EEV0010	ELECTRONICS ASMBR Electronics Assembler	/Y	VO		2.0	

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EEV0100	ELECTRONICS TESTER Electronics Tester	/Y	VO	3.0		
EEV0500	ELECT EQUIP REPAIR Electronics Equipment Repairer	/Y	VO	2.5		
EEV0616	ELECTRONICS TECH Electronics Technician	/Y	VO	3.0		
J540100	ELECTRONIC TECH 1 Electronic Technology 1	30, 31	/		AVIONICS @7 7 G RADIO TV %7 %G TV PRO TEC @7 7 G	ELECTRONIC @7 7 G TEC ELEC @7 7 G
EEV0010	ELECTRONICS ASMBR Electronics Assembler	/Y	VO	2.0		
EEV0100	ELECTRONICS TESTER Electronics Tester	/Y	VO	3.0		
J540200	ELECTRONIC TECH 2 Electronic Technology 2	30, 31	/		AVIONICS @7 7 G RADIO TV %7 %G TV PRO TEC @7 7 G	ELECTRONIC @7 7 G TEC ELEC @7 7 G
EEV0500	ELECT EQUIP REPAIR Electronics Equipment Repairer	/Y	VO	2.5		
EEV0616	ELECTRONICS TECH Electronics Technician	/Y	VO	3.0		
J550100	GAMING MAC RPR TEC Gaming Machine Repair Technician	30, 31	/		COMP SVC 7 G SLOT MACH 7 G	ELECTRONIC @7 7 G TEC ELEC @7 7 G
EER0320	SLOT MACH ATTENDANT Slot Machine Attendant	/S	VO	0.5		
EER0321	SLOT MACHINE TECH Slot Machine Technician	/Y	VO	1.0		
^8736000	INDUSTRIAL BIOTECH Industrial Biotechnology	9- 12, 30, 31	/		SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE	
3027010	BIOTECHNOLOGY 1 Biotechnology 1, Level 3	/Y	EQ	1.0		
3027020	BIOTECHNOLOGY 2 Biotechnology 2, Level 3	/Y	EQ	1.0		
8736030	BIOTECHNOLOGY 3 Biotechnology 3, Level 3	/Y	VO	1.0		
^a 8743100	^a INDUS MACH MAINT/RPR Industrial Machinery Maintenance and Repair	9- 12, 30, 31	/		TEC CONSTR @7 7 G BLDG CONST @7 7 G	MILLWRIGHT 7 G IND ENGR 7 G
^a 8743210	MAINTENANCE SKILLS 1 Maintenance Skills 1/Level 2	/Y	VO	1.0		
^a 8743220	MAINTENANCE SKILLS 2 Maintenance Skills 2/Level 2	/Y	VO	1.0		
^a 8743230	MAINTENANCE SKILLS 3 Maintenance Skills 3/Level 2	/Y	VO	1.0		
8743240	MACHINERY MAINT 4 Machinery Maintenance 4/Level 3	/Y	VO	1.0		
^a 8743250	MACHINERY MAINT 5 Machinery Maintenance 5/Level 2	/Y	VO	1.0		
^a 8743260	MACHINERY MAINT 6 Machinery Maintenance 6/Level 2	/Y	VO	1.0		
^a 8743170	INDUSTRIAL MAINT 7 Industrial Maintenance 7/Level 2	/Y	VO	1.0		

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^a 8743180	INDUSTRIAL MAINT 8 Industrial Maintenance 8/Level 2	/Y	VO	1.0		
^a 8743190	INDUSTRIAL MAINT 9 Industrial Maintenance 9/Level 2	/Y	VO	1.0		
I470303	INDUS MACH MAINT/RPR Industrial Machinery Maintenance and Repair	30, 31	/		BLDG CONST @7 7 G MACH SHOP @7 7 G TEC CONSTR @7 7 G	IND ENGR 7 G MILLWRIGHT 7 G
ETI0450	INDUS MACH MAINT AST Industrial Machinery Maintenance As Assistant	/Y	VO	3.0		
ETI0457	MACH MAIN TECH Machinery Maintenance Technician	/Y	VO	1.0		
ETI0456	MACHINERY MAINT MECH Machinery Maintenance Mechanic	/Y	VO	2.0		
ETI0458	INDUS MAINT SPEC Industrial Maintenance Specialist	/Y	VO	3.0		
9204300	INDUS MACH MAIN TECH Industrial Machinery Maintenance Technology	9- 12, 30, 31	/		BLDG CONST @7 7 G MACH SHOP @7 7 G TEC CONSTR @7 7 G	IND ENGR 7 G MILLWRIGHT 7 G
9204310	MACHINERY MAINT 1 Machinery Maintenance 1/Level 3	/Y	VO	1.0		
9204320	MACHINERY MAINT 2 Machinery Maintenance 2/Level 3	/Y	VO	1.0		
9204330	MACHINERY MAINT 3 Machinery Maintenance 3/Level 3	/Y	VO	1.0		
8743240	MACHINERY MAINT 4 Machinery Maintenance 4/Level 3	/Y	VO	1.0		
9204350	IND MACH MECH CAP Industrial Machinery Mechanic Technology Capstone/Level 3	/Y	PA	1.0		
J590100	INDUS MACH MAINT 1 Industrial Machinery Maintenance 1	30, 31	/		BLDG CONST @7 7 G MACH SHOP @7 7 G TEC CONSTR @7 7 G	IND ENGR 7 G MILLWRIGHT 7 G
ETI0450	INDUS MACH MAINT AST Industrial Machinery Maintenance Assistant	/Y	VO	3.0		
ETI0456	MACHINERY MAINT MECH Machinery Maintenance Mechanic	/Y	VO	2.0		
J590200	INDUS MACH MAINT 2 Industrial Machinery Maintenance 2	30, 31	/		BLDG CONST @7 7 G MACH SHOP @7 7 G TEC CONSTR @7 7 G	IND ENGR 7 G MILLWRIGHT 7 G
ETI0457	MACH MAIN TECH Machinery Maintenance Technician	/Y	VO	1.0		
ETI0458	INDUS MAINT SPEC Industrial Maintenance Specialist	/Y	VO	3.0		
^a 8745500	^a JEWEL MAK & RPR Jewelry Making and Repair	9- 12, 30, 31	/		METAL WORK 7 G	JWLY MFGR 7 G
^a 8745501	CLK/WCH/JEWLM&RPR1 Clock, Watch, Jewelry Making and Repair Core 1/Level 2	/Y	PA	1.0		

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			GRADUATION REQUIREMENTS			
^a 8745502	CLK/WCH/JEWLM&RPR2 Clock, Watch, Jewelry Making and Repair Core 2/Level 2	/Y	PA		1.0	
^a 8745503	CLK/WCH/JEWLM&RPR3 Clock, Watch, Jewelry Making and Repair Core 3/Level 2	/Y	PA		1.0	
^a 8745504	JEWELRY MAK & RPR 4 Jewelry Making and Repair 4/Level 2	/Y	PA		1.0	
^a 8745505	JEWELRY MAK & RPR 5 Jewelry Making and Repair 5/Level 2	/Y	PA		1.0	
^a 8745506	JEWELRY MAK & RPR 6 Jewelry Making and Repair 6/Level 2	/Y	PA		1.0	
^a 8745507	JEWELRY MAK & RPR 7 Jewelry Making and Repair 7/Level 2	/Y	PA		1.0	
^a 8745508	JEWELRY MAK & RPR 8 Jewelry Making and Repair 8/Level 2	/Y	PA		1.0	
^a 8745509	JEWELRY MAK & RPR 9 Jewelry Making and Repair 9/Level 2	/Y	PA		1.0	
^a 8745510	JEWELRY MAK & RPR 10 Jewelry Making and Repair 10/Level 2	/Y	PA		1.0	
^a 8745511	JEWELRY MAK & RPR 11 Jewelry Making and Repair 11/Level 2	/Y	PA		1.0	
I480602	JEWELRY MAKING & RPR Jewelry Making and Repair	30, 31	/			JWLY MFGR 7 G METAL WORK 7 G
PMT0650	CLK, WATCH & JEWL TE Clock, Watch and Jewelry Techni cian Assistant		/Y	PA	3.0	
PMT0630	JEWELRY DESIGNER Jewelry Designer		/Y	PA	3.0	
PMT0640	WAX MODELER/CASTING Wax Modeler/Casting		/Y	PA	1.0	
PMT0641	JEWELRY REPAIRER Jewelry Repairer		/Y	PA	2.0	
PMT0632	STONE SETTER Stone Setter		/Y	PA	1.0	
PMT0645	JEWELRY FINISHING TE Jewelry Fini shing Techni cian		/Y	PA	1.0	
J450400	JEWL MAKING & RPR1 Jewelry Making and Repair 1	30, 31	/			JWLY MFGR 7 G METAL WORK 7 G
PMT0650	CLK, WATCH & JEWL TE Clock, Watch and Jewelry Techni cian Assistant		/Y	PA	3.0	
PMT0630	JEWELRY DESIGNER Jewelry Designer		/Y	PA	3.0	
J450500	JEWL MAKING & RPR 2 Jewelry Making and Repair 2	30, 31	/			JWLY MFGR 7 G METAL WORK 7 G
PMT0640	WAX MODELER/CASTING Wax Modeler/Casting		/Y	PA	1.0	
PMT0641	JEWELRY REPAIRER Jewelry Repairer		/Y	PA	2.0	
PMT0632	STONE SETTER Stone Setter		/Y	PA	1.0	

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
PMT0645	JEWELRY FINISHING TE Jewelry Finishing Technician	/Y	PA	1.0	
I470106	MAJ APP & REFG RPR Major Appliance and Refrigeration Repair	30, 31 /			APPLI REPR @7 7 G GAS FITTER 7 G
EER0310	APPLIANCE HELPER Appliance Helper	/Y	VO	2.0	
EER0315	LAUNDRY TECH Laundry Technician	/Y	VO	2.0	
EER0317	KITCHEN TECH Kitchen Technician	/Y	VO	3.0	
ACR0046	REFRIGERATION TECH Refrigeration Technician	/Y	VO	3.0	
8706000	MAJ APP & REFG RPR Major Appliance and Refrigeration Repair	9- 12, 30, 31 /			APPLI REPR @7 7 G GAS FITTER 7 G
8706010	RES APP & REFG RPR 1 Residential Appliance and Refrigeration Repair 1/Level 2	/Y	VO	1.0	
8706020	RES APP & REFG RPR 2 Residential Appliance and Refrigeration Repair 2/Level 2	/Y	VO	1.0	
8706030	RES APP & REFG RPR 3 Residential Appliance and Refrigeration Repair 3/Level 2	/Y	VO	1.0	
8706040	RES APP & REFG RPR 4 Residential Appliance and Refrigeration Repair 4/Level 2	/Y	VO	1.0	
8706050	RES APP & REFG RPR 5 Residential Appliance and Refrigeration Repair 5/Level 2	/Y	VO	1.0	
8706060	RES APP & REFF RPR 6 Residential Appliance and Refrigeration Repair 6/Level 2	/Y	VO	1.0	
8706070	MAJ APP & REFF RPR 7 Major Appliance and Refrigeration Repair 7/Level 2	/Y	VO	1.0	
8706080	MAJ APP & REFF RPR 8 Major Appliance and Refrigeration Repair 8/Level 2	/Y	VO	1.0	
8706090	MAJ APP & REFF RPR 9 Major Appliance and Refrigeration Repair 9/Level 2	/Y	VO	1.0	
8706100	MAJ APP & REFR RPR10 Major Appliance and Refrigeration Repair 10/Level 2	/Y	VO	1.0	
J620100	MAJ APP & REFG RPR 1 Major Appliance and Refrigeration Repair 1	30, 31 /			APPLI REPR @7 7 G GAS FITTER 7 G
EER0310	APPLIANCE HELPER Appliance Helper	/Y	VO	2.0	

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	
EERO315	LAUNDRY TECH Laundry Technician	/Y	VO	2.0		
J620200	MAJ APP & REFG RPR 2 Major Appliance and Refrigeration Repair 2	30, 31	/		APPLI REPR @7	7 G GAS FITTER 7 G
EERO317	KITCHEN TECH Kitchen Technician	/Y	VO	3.0		
ACR0046	REFRIGERATION TECH Refrigeration Technician	/Y	VO	3.0		
9202200	MARITIME RPR/REF TEC Maritime Repair/Refinishing Technology	9- 12, 30, 31	/		CARPENTRY @7	7 G SEAMANSHIP 7 G
9202210	MARITIME RPR/REF 1 Maritime Repair/Refinishing Technology 1/Level 2	/Y	VO	1.0		
9202220	MARITIME RPR/REF 2 Maritime Repair/Refinishing Technology 2/Level 2	/Y	VO	1.0		
9202230	MARITIME RPR/REF 3 Maritime Repair/Refinishing Technology 3/Level 2	/Y	VO	1.0		
9202240	MARITIME RPR/REF 4 Maritime Repair/Refinishing Technology 4/Level 2	/Y	VO	1.0		
I470313	MILLWRIGHT Millwright	30, 31	/		BLDG CONST @7 MACH SHOP @7 TEC CONSTR @7	7 G 7 G 7 G IND ENGR 7 G MILLWRIGHT 7 G
ETI0450	INDUS MACH MAINT AST Industrial Machinery Maintenance Assistant	/Y	VO	3.0		
ETI0457	MACH MAIN TECH Machinery Maintenance Technician	/Y	VO	1.0		
ETI0456	MACHINERY MAINT MECH Machinery Maintenance Mechanic	/Y	VO	2.0		
ETI0459	MILLWRIGHT Millwright	/Y	VO	3.0		
J590400	MILLWRIGHT 1 Millwright 1	30, 31	/		BLDG CONST @7 MACH SHOP @7 TEC CONSTR @7	7 G 7 G 7 G IND ENGR 7 G MILLWRIGHT 7 G
ETI0450	INDUS MACH MAINT AST Industrial Machinery Maintenance Assistant	/Y	VO	3.0		
ETI0456	MACHINERY MAINT MECH Machinery Maintenance Mechanic	/Y	VO	2.0		
J590500	MILLWRIGHT 2 Millwright 2	30, 31	/		BLDG CONST @7 MACH SHOP @7 TEC CONSTR @7	7 G 7 G 7 G IND ENGR 7 G MILLWRIGHT 7 G
ETI0457	MACH MAIN TECH Machinery Maintenance Technician	/Y	VO	1.0		
ETI0459	MILLWRIGHT Millwright	/Y	VO	3.0		
a8754500	WELDING TECHNOLOGIES Welding Technologies	9- 12, 30, 31	/		WELDING @7	7 G METAL WORK 7 G

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT	CERTIFICATION
			GRADUATION REQUIREMENTS			
^a 8754510	WELDING TECH 1 Welding Technologies 1/Level 2	/Y	VO		1.0	
^a 8754520	WELDING TECH 2 Welding Technologies 2/Level 2	/Y	VO		1.0	
^a 8754530	WELDING TECH 3 Welding Technologies 3/Level 2	/Y	VO		1.0	
^a 8754540	WELDING TECH 4 Welding Technologies 4/Level 2	/Y	VO		1.0	
^a 8754550	WELDING TECH 5 Welding Technologies 5/Level 2	/Y	VO		1.0	
^a 8754560	WELDING TECH 6 Welding Technologies 6/Level 2	/Y	VO		1.0	
^a 8754570	WELDING TECH 7 Welding Technologies 7/Level 2	/Y	VO		1.0	
^a 8754580	WELDING TECH 8 Welding Technologies 8/Level 2	/Y	VO		1.0	
^a I480500	WELDING TECHNOLOGIES Welding Technologies	30, 31	/			WELDING @7 7 G METAL WORK 7 G
^a PMT0011	WELDER HELPER Welder Helper	/Y	VO		1.5	
^a PMT0012	WELDER, SHIELDED MA Welder, Shielded Metal Arc	/Y	VO		2.0	
^a PMT0013	WELDER, GAS-METAL AR Welder, Gas-Metal Arc	/Y	VO		1.0	
^a PMT0014	WELDER, FLUX CORED A Welder, Flux Cored Arc	/S	VO		0.5	
^a PMT0015	WELDER, GAS-TUNG ARC Welder, Gas-Tungsten Arc	/Y	VO		1.0	
^a PMT0016	WELDER, PIPE Welder, Pipe	/Y	VO		2.0	
J400400	WELDING TECHNOLOGY Welding Technology	30, 31	/			METAL WORK 7 G WELDING @7 7 G
PMT0070	WELDER ASSISTANT 1 Welder Assistant 1	/Y	PA		1.0	
PMT0071	WELDER ASSISTANT 2 Welder Assistant 2	/Y	PA		1.0	
PMT0072	WELDER, SMAW 1 Welder, SMAW 1	/Y	PA		1.0	
PMT0073	WELDER, SMAW 2 Welder, SMAW 2	/Y	PA		1.0	
PMT0074	WELDER Welder	/Y	VO		3.0	
J400410	WELDING TECH - ADV Welding Technology - Advanced	30, 31	/			METAL WORK 7 G WELDING @7 7 G
PMT0075	ADVANCED WELDER 1 Advanced Welder 1	/Y	VO		4.0	
PMT0076	ADVANCED WELDER 2 Advanced Welder 2	/Y	VO		1.0	
9204400	WELDING TECH FUND Welding Technology Fundamentals	9- 12, 30, 31	/			METAL WORK 7 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	COURSES MEETING SUBJECT AREA		CREDIT	CERTIFICATION
			GRADUATION REQUIREMENTS			
9204410	WELD TECH FUNDS 1 Welding Technology Fundamentals 1/ Level 3	/Y	PA		1.0	
9204420	WELD TECH FUNDS 2 Welding Technology Fundamentals 2/ Level 3	/Y	PA		1.0	
9204430	WELD TECH FUNDS 3 Welding Technology Fundamentals 3/ Level 3	/Y	PA		1.0	
9204440	WELD TECH FUNDS 4 Welding Technology Fundamentals 4/ Level 3	/Y	PA		1.0	
9204450	WELD TECH FUNDS CAP Welding Technology Fundamentals Capstone/Level 3	/Y	VO		1.0	
SUPPLEMENTAL PROGRAMS						
9260400	FUND OF MANUFACTUR Fundamentals of Manufacturing	6-8	/S	VO		AUTO PROD 7G ELECTRONIC @7 7 G ENG 7 G IND ENGR 7 G TEC ED 1 @2
9260350	INTRO TO MANUFACTUR Introduction to Manufacturing	6-8	/S	VO		AUTO PROD 7G ELECTRONIC @7 7 G ENG 7 G IND ENGR 7 G TEC ED 1 @2
9260360	INTRO TO MANUF & CP Introduction to Manufacturing and Career Planning	6-8	/S	VO		AUTO PROD 7G ELECTRONIC @7 7 G ENG 7 G IND ENGR T G TEC ED 1 @2
9200420	MANUFACTURING OJT Manufacturing Cooperative Education OJT	9-12, 30, 31	/M	VO	MULTIPLE	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
J609999	MANUFACTURING OJT Manufacturing Cooperative Education OJT	30, 31	/			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	PRACT APPLIANCE SER Practical Appliance Service		/Y	VO	1.0	
^a 8700320	PRAC ENGINE MECH Practical Engine Mechanics		/Y	VO	1.0	
^a 8700330	PRAC CONST TRADES Practical Construction Trades		/Y	VO	1.0	
^a 8700340	PRAC ELEC/ELECT Practical Electrical/Electronics		/Y	VO	1.0	
^a 8700350	PRAC METAL WORK Practical Metal Work		/Y	VO	1.0	
^a 8700360	PRAC CMCL FOODS Practical Commercial Foods		/Y	VO	1.0	

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			
^a 8700370	PRAC GRAPHIC ARTS Practical Graphic Arts	/Y	VO		1.0	
^a 8700380	PRACTICAL DRAFTING Practical Drafting	/Y	PA		1.0	
^a 8700390	PRAC AV CAREERS Practical Aviation Careers	/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	/			
I48052R	SH MIL FAB TECH- APPR Sheet Metal Fabrication Technology - Apprenticeship	30, 31	/			

|MARKETING, SALES & SERVICES CAREER CLUSTER|

MANAGEMENT & ENTREPRENEURSHIP CAREER PATH (MKPA)

M618020	BUSINESS OWNERSHIP Business Ownership	30, 31	/			BUS ED 1 MKTG MGMT @7 7 G WHOLESALE 7 G	MKTG 1 RETAILING @7 7 G
MKA0092	(BUS OWNER) GEN MGR (Business Owner) General Manager	/Y	PA		1.0		

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	CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER	
					CERTIFICATION	
8812000	BUSINESS OWNERSHIP Business Ownership/Level 3	9- 12, 30, 31 /Y	PA	1.0	BUS ED 1 MKTG MGMT @7 7 G WHOLESALE 7 G	MKTG 1 RETAILING @7 7 G
8812100	ENTREPRENEURSHIP Entrepreneurship	9- 12, 30, 31 /			BUS ED 1 MKTG MGMT @7 7 G TC COOP ED @7 WHOLESALE 7 G	MKTG 1 RETAILING @7 7 G VOE @7
8812110	PRIN OF ENTREP Principles of Entrepreneurship/Level 2	/Y	PA	1.0		
8812120	BUS MGMT & LAW Business Management and Law/Level 3	/Y	VO	1.0		
8812000	BUSINESS OWNERSHIP Business Ownership/Level 3	/Y	PA	1.0		
M803010	ENTREPRENEURSHIP Entrepreneurship	30, 31 /			BUS ED 1 MKTG MGMT @7 7 G TC COOP ED @7 WHOLESALE 7 G	MKTG 1 RETAILING @7 7 G VOE @7
MKA0090	BUSINESS DEV MGR Business Development Manager	/Y	PA	2.0		
MKA0091	(ENT) GEN MANAGER (Entrepreneur) General Manager	/Y	VO	1.0		

PROFESSIONAL SALES & MARKETING CAREER PATH (MKPB)

8827200	E-COMMERCE MARKETING E-Commerce Marketing	9- 12, 30, 31 /			BUS ED 1 @2 MKTG MGMT @7 7 G	MKTG 1 RETAILING @7 7 G
8827110	MARKETING ESSENTIALS Marketing Essentials/Level 2	/Y	PA	1.0		
8827120	MKT APPLICATIONS Marketing Applications/Level 2	/Y	PA	1.0		
8827210	E-COMMERCE MKT E-Commerce Marketing/Level 3	/Y	VO	1.0		
M899992	E-COMMERCE MARKETING E-Commerce Marketing	30, 31 /			BUS ED 1 @2 MKTG MGMT @7 7 G	MKTG 1 RETAILING @7 7 G
MKA0432	SALESPERSON, RETAIL Salesperson, Retail	/Y	PA	2.0		
MKA0455	(E-COMM) CPT SPEC (E-Commerce) Computer Specialist	/Y	VO	1.0		
8806000	FASHION MARKETING Fashion Marketing	9- 12, 30, 31 /			MKTG 1 RETAILING @7 7 G	MKTG MGMT @7 7 G BUS ED 1
8806010	FASH ESSENTIALS Fashion Essentials/Level 2	/Y	PA	1.0		
8827110	MARKETING ESSENTIALS Marketing Essentials/Level 2	/Y	PA	1.0		
8806020	FASHION APPS Fashion Applications/Level 2	/Y	PA	1.0		
8827120	MKT APPLICATIONS Marketing Applications/Level 2	/Y	PA	1.0		
8806030	FASHION MKT MGMT Fashion Marketing Management/Level 3	/Y	PA	1.0		

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			
M801020	FASHION MARKETING Fashion Marketing	30, 31 /			MKTG RETAILING	1 @7 7 G	MKTG MGMT BUS ED	@7 7 G 1
MKA0432	SALESPERSON, RETAIL Salesperson, Retail	/Y PA		2.0				
MKA0433	RETAIL MANAGER Retail Manager	/Y PA		1.0				
8839100	INTERNATIONAL MKT International Marketing	9- 12, 30, 31 /			MKTG RETAILING WHOLESALE	1 @7 7 G 7 G	MKTG MGMT TC COOP ED BUS ED	@7 7 G @7 1
8827110	MARKETING ESSENTIALS Marketing Essentials/Level 2	/Y PA		1.0				
8839110	INTERNATIONAL MKT 1 International Marketing 1/Level 2	/Y VO		1.0				
8839120	INTERNATIONAL MKT 2 International Marketing 2/Level 2	/Y VO		1.0				
8839130	INTERNATIONAL MKT 3 International Marketing 3/Level 3	/Y VO		1.0				
M807030	INTERNATIONAL MKT International Marketing	30, 31 /			MKTG RETAILING BUS ED	1 @7 7 G 1	MKTG MGMT WHOLESALE	@7 7 G 7 G
MKA0096	(IMP/EXP) BILL CLERK (Import/Export) Billing Clerk	/Y VO		2.0				
MKA0097	(IMP/EXP) DOC CLERK (Import/Export) Documentation Clerk	/Y VO		1.0				
MKA0098	(IMP/EXP) SALES MGR (Import/Export) Sales Manager	/Y VO		1.0				
M200500	MKT, MGMT & ENTREN Marketing, Management and Entrepreneurial Principles PSAV	30, 31 /			ADVR PROM MKTG MGMT BUS ED	7 G @7 7 G 1	MKTG RETAILING	1 @7 7 G
MKA0432	SALESPERSON, RETAIL Salesperson, Retail	/Y PA		2.0				
MKA0010	MARKETING MANAGERS Marketing Managers	/Y VO		1.0				
MKA0091	(ENT) GEN MANAGER (Entrepreneur) General Manager	/Y VO		1.0				
9200500	MKT, MGMT & ENTREN Marketing, Management and Entrepreneurial Principles Secondary	9- 12, 30, 31 /			ADVR PROM MKTG MGMT BUS ED	7 G @7 7 G 1	MKTG RETAILING	1 @7 7 G
8827110	MARKETING ESSENTIALS Marketing Essentials/Level 2	/Y PA		1.0				
8827120	MKT APPLICATIONS Marketing Applications/Level 2	/Y PA		1.0				
8827130	MKT MANAGEMENT Marketing Management/Level 2	/Y PA		1.0				
8812000	BUSINESS OWNERSHIP Business Ownership/Level 3	/Y PA		1.0				
M807040	REAL EST APPRA TRAIN Real Estate Appraiser Trainee	30, 31 /			REAL ESTAT	7 G		
REE0049	REAL EST APPRAISER Real Estate Appraiser Trainee	/S VO		0.5				SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
M807020	REAL ESTATE BROKER Real Estate Broker	30, 31 /			REAL ESTAT	7 G		

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT	CERTIFICATION
			GRADUATION REQUIREMENTS			
REE0048	REAL ESTATE BROKER Real Estate Broker	/Y	VO		0.0	
M807010	REAL ESTA SLS AGT Real Estate Sales Agent	30, 31	/			REAL ESTAT 7 G
REE0047	REAL ESTATE SALES AG Real Estate Sales Agent	/Y	VO		0.0	
M200100	REAL EST SLS ASSC PL Real Estate Sales Associate Post Licensing	30, 31	/			REAL ESTAT 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
REE0089	REAL EST SALES ASSC Real Estate Sales Associate Post Licensing	/Y	VO		0.0	
8827400	SPRT REC ENT MKT Sport, Recreation, and Entertainment Marketing	9-12, 30, 31	/			ADVR PROM 7 G MKTG MGMT @7 7 G BUS ED 1
8827410	SPORT REC ENT ESSEN Sport, Recreation, and Entertainment Essentials/Level 2	/Y	VO		1.0	
8827110	MARKETING ESSENTIALS Marketing Essentials/Level 2	/Y	PA		1.0	
8827420	SPORT REC ENT APPL Sport, Recreation, and Entertainment Applications/Level 2	/Y	PA		1.0	
8827120	MKT APPLICATIONS Marketing Applications/Level 2	/Y	PA		1.0	
8827430	SPRT REC ENT MKT MGM Sport, Recreation, and Entertainment Marketing Management/Level 3	/Y	VO		1.0	
8827440	SPRT REC ENT INTERN Sport, Recreation and Entertainment Internship/Level 2	/M	VO		1.0	
8800410	MARKETING COOP-OJT Marketing Cooperative Education-OJT /Level 2	/M	VO	MULTIPLE		
M899400	SPRT REC ENT MKT Sport, Recreation, and Entertainment Marketing	30, 31	/			ADVR PROM 7 G MKTG MGMT @7 7 G BUS ED 1
MKA0432	SALESPERSON, RETAIL Salesperson, Retail	/Y	PA		2.0	
MKA0080	ENTERTAIN, SPTS & RE Entertainment, Sports and Related Workers	/Y	VO		2.0	
MKA0010	MARKETING MANAGERS Marketing Managers	/Y	VO		1.0	

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	COURSES MEETING		CERTIFICATION	
					COURSES MEETING	CERTIFICATION		
MARKETING INFORMATION MANAGEMENT & RESEARCH CAREER PATH (MKPE)								
8848100	CUSTOMER SERV REP Customer Service Representative	9-12, 30, 31 /Y	VO		ADVR PROM 7 G BUS ED 1 @2 INSURANCE 7 G MKTG MGMT @7 7 G TRANSPORT @4 @7 7 G		BANK FINC @7 7 G HOTEL TRNG 7 G MKTG 1 RETAILING @7 7 G WHOLESALE @7 7 G	
8848110	CUSTOMER SER REP 1 Customer Service Representative 1/ Level 2	/Y	VO	1.0				
8848120	CUSTOMER SER REP 2 Customer Service Representative 2/L Level 2	/Y	VO	1.0				
8848130	CUSTOMER SER REP 3 Customer Service Representative 3/L Level 2	/Y	VO	1.0				
8848140	CUSTOMER SER REP 4 Customer Service Representative 4/L Level 2	/Y	VO	1.0				
M807060	CUSTOMER SERV REP Customer Service Representative	30, 31 /			ADVR PROM 7 G BUS ED 1 @2 INSURANCE 7 G MKTG MGMT @7 7 G TRANSPORT @4 @7 7 G		BANK FINC @7 7 G HOTEL TRNG 7 G MKTG 1 RETAILING @7 7 G WHOLESALE @7 7 G	
MNA0135	TELECOMM CLERK Telecommunications Clerk	/Y	VO	1.0				
MNA0136	TELESALES REP Telesales Representative	/Y	VO	1.0				
MNA0084	CUSTOMER SERVICE REP Customer Service Representative	/Y	VO	1.0				
MNA0085	CUSTOMER SERVICE MGR Customer Service Manager	/Y	VO	1.0				
M600100	CUSTOMER SERV REP 1 Customer Service Representative 1	30, 31 /			ADVR PROM 7 G BUS ED 1 @2 INSURANCE 7 G MKTG MGMT @7 7 G TRANSPORT @4 @7 7 G		BANK FINC @7 7 G HOTEL TRNG 7 G MKTG 1 RETAILING @7 7 G WHOLESALE @7 7 G	
MNA0135	TELECOMM CLERK Telecommunications Clerk	/Y	VO	1.0				
MNA0136	TELESALES REP Telesales Representative	/Y	VO	1.0				
M600200	CUSTOMER SERV REP 2 Customer Service Representative 2	30, 31 /			ADVR PROM 7 G BUS ED 1 @2 INSURANCE 7 G MKTG MGMT @7 7 G TRANSPORT @4 @7 7 G		BANK FINC @7 7 G HOTEL TRNG 7 G MKTG 1 RETAILING @7 7 G WHOLESALE @7 7 G	
MNA0084	CUSTOMER SERVICE REP Customer Service Representative	/Y	VO	1.0				
MNA0085	CUSTOMER SERVICE MGR Customer Service Manager	/Y	VO	1.0				

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION			
						DISTRIBUTION & LOGISTICS CAREER PATH (MKPF)		
MB12040	IND DIST & MGMT Industrial Distribution and Management	30, 31	/		MKTG RETAILING BUS ED	1 @7 7 G 1	MKTG MGMT WHOLESALE	@7 7 G 7 G
MNA0088	CUST SERVICE SPEC Customer Service Specialist		/Y VO	1.5				
MKA0631	BILLING CLERK Billing Clerk		/Y VO	1.5				
MKA0632	STOCK CLERK Stock Clerk		/Y VO	1.0				
MKA0633	SALES REP, W&MANF Sales Representatives, Wholesale and Manufacturing		/Y VO	2.0				
8809100	MKT MCH & PARTS OPS Marketing, Merchandising & Parts Operations	9-12, 30, 31	/		BUS ED MKTG MGMT WHOLESALE	1 @2 @7 7 G 7 G	MKTG RETAILING	1 @7 7 G
8809108	RETAIL ESSENTIALS Retail Essentials/Level 2		/Y VO	1.0				
8809101	DELIVERY OPS Delivery Operations/Level 2		/S VO	0.5				
8809102	WAREHOUSING OPS Warehousing Operations/Level 2		/Y VO	1.0				
8809103	BILL OPS Billing Operations/Level 2		/S VO	0.5				
8809104	PARTS ACCT OPS Parts Accounting Operations/Level 2		/Y VO	1.0				
8809107	CATALOGING OPS Cataloging Operations/Level 2		/S VO	0.5				
8809109	PARTS SPECIALIST 1 Parts Specialist 1/Level 2		/S VO	0.5				
8809110	PARTS SPECIALIST 2 Parts Specialist 2/Level 2		/Y VO	1.0				
8809111	PARTS SPECIALIST 3 Parts Specialist 3/Level 2		/Y VO	1.0				
8809105	INVENTORY CONT OPS Inventory Control Operations/Level 2		/S VO	0.5				
8809106	PURCHASING OPS Purchasing Operations/Level 2		/S VO	0.5				
8809112	MKT MANAGEMENT OPS Marketing Management Operations/Level 2		/Y VO	1.0				
MB12031	MKT MCH & PARTS OPS Marketing, Merchandising & Parts Operations	30, 31	/		BUS ED MKTG MGMT WHOLESALE	1 @2 @7 7 G 7 G	MKTG RETAILING	1 @7 7 G
MKA0640	SALES REPRESENTATIVE Sales Representative		/Y VO	1.0				
MKA0641	DRIVER/SALES WKRS Driver/Sales Workers		/S VO	0.5				
MKA0642	WAREHOUSEMAN Warehouseman		/Y VO	1.0				

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			GRADUATION REQUIREMENTS				
MKA0643	BILL, COST&RATE CLERK Billing, Cost and Rate Clerk	/S	VO		0.5		
MKA0644	PARTS ACCT CLERK Parts Accounting Clerk	/Y	VO		1.0		
MKA0645	ORDER CLERK Order Clerk	/S	VO		0.5		
MKA0646	PARTS SPECIALIST Parts Specialist	/Y	VO		2.5		
MKA0647	STOCKROOM CLERK Stockroom Clerk	/S	VO		0.5		
MKA0648	PURCHASING AGENT Purchasing Agent	/S	VO		0.5		
MKA0649	DI STRIBUTION MANAGER Di stribution Manager	/Y	VO		1.0		
M700100	MKT MCH & PARTS OPS1 Marketing, Merchandising & Parts Operations 1	30, 31	/			BUS ED 1 @2 MKTG MGMT @7 7 G WHOLESALE 7 G	MKTG 1 RETAILING @7 7 G
MKA0640	SALES REPRESENTATIVE Sales Representative	/Y	VO		1.0		
MKA0643	BILL, COST&RATE CLERK Billing, Cost and Rate Clerk	/S	VO		0.5		
MKA0644	PARTS ACCT CLERK Parts Accounting Clerk	/Y	VO		1.0		
MKA0647	STOCKROOM CLERK Stockroom Clerk	/S	VO		0.5		
MKA0648	PURCHASING AGENT Purchasing Agent	/S	VO		0.5		
MKA0649	DI STRIBUTION MANAGER Di stribution Manager	/Y	VO		1.0		
M700200	MKT MCH & PARTS OPS2 Marketing, Merchandising & Parts Operations 2	30, 31	/			BUS ED 1 @2 MKTG MGMT @7 7 G WHOLESALE 7 G	MKTG 1 RETAILING @7 7 G
MKA0641	DRIVER/SALES WKRS Driver/Sales Workers	/S	VO		0.5		
MKA0642	WAREHOUSEMAN Warehouseman	/Y	VO		1.0		
MKA0645	ORDER CLERK Order Clerk	/S	VO		0.5		
MKA0646	PARTS SPECIALIST Parts Specialist	/Y	VO		2.5		
SUPPLEMENTAL PROGRAMS							
8800210	EX OF MKT OCCS Exploration of Marketing Occupations	6-8	/S	VO		BUS ED 1 MKTG MGMT @7 7 G	MKTG 1
9380300	FUND OF MARKET OCCS Fundamentals of Marketing Occupations	6-8	/S	VO		BUS ED 1 MKTG MGMT @7 7 G	MKTG 1
9309350	INTRO MKT SAL & SR Introduction to Marketing Sales and Service	6-8	/S	VO		BUS ED 1 MKTG MGMT @7 7 G	MKTG 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			
9309360	INTRO MKT & CP Introduction to Marketing Sales and Service and Career Planning	6-8 /S	VO		BUS ED MKTG MGMT	1 @7 7 G	MKTG	1
8800410	MARKETING COOP-OJT Marketing Cooperative Education- OJT /Level 2	9-12, 30, 31 /M	VO	MULTIPLE	MKTG	1 @2		
M899990	MARKETING COOP-OJT Marketing Cooperative Education- OJT /Level 2	30, 31 /			MKTG	1 @2		
8800100	MKT ED DIR STUDY Marketing Education Directed Study	11-12, 30, 31/M	VO	MULTIPLE	ANY MARKETING ED	G		
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	VO		BUS ED MKTG MGMT	1 @7 7 G	MKTG	1
^a 8800310	^a PRACTICAL ENTREP SK Practical Entrepreneurship Skills	9-12, 30, 31 /S	VO	0.5	MKTG RETAILING	1 @2 @7 7 G	MKTG MGMT WHOLESALE	@7 7 G 7 G

|TRANSPORTATION, DISTRIBUTION & LOGISTICS CAREER CLUSTER|

FACILITY & MOBILE EQUIPMENT MAINTENANCE CAREER PATH (TRPD)

T600100	ADV AUTO SVR TECH 1 Advanced Automotive Service Technology 1	30, 31 /			AUTO IND	@7 %7 %G	AUTO MECH	@7 7 G
AER0011	AUTO MAINT TECH Automotive Maintenance Technician		/Y	VO	2.5			
AER0319	ADV AUTO ELEC TECH Advanced Automotive Electrical/ Electronic System Technician		/Y	VO	2.5			
T600200	ADV AUTO SVR TECH 2 Advanced Automotive Service Technology 2	30, 31 /			AUTO IND	@7 %7 %G	AUTO MECH	@7 7 G
AER0118	ADV ENG RPR TECH Advanced Engine Repair Technician		/Y	VO	1.0			
AER0258	ADV AUTO TRANS TECH Advanced Automatic Transmission and Transaxle Technician		/Y	VO	1.0			
AER0275	ADV MAN DT/AX TECH Advanced Manual Drivetrain and Axle Technician		/Y	VO	1.0			
AER0459	ADV AUTO SUSP & STEE Advanced Automotive Suspension and Steering Technician		/Y	VO	1.0			

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			
AERO419	ADV AUTO BRAKE SYS Advanced Automotive Brake System Technician	/Y	VO		1.0	
AERO173	ADV AUTO HEAT&AC TEC Advanced Automotive Heating and Air Conditioning Technician	/Y	VO		1.0	
AERO506	ADV AUTO ENGN PERF T Advanced Automotive Engine Performance Technician	/Y	VO		2.5	
I470604	^a ADV AUTO TECH [®] ADV AUTO SERVICE TEC ^a Advanced Automotive Technology [®] Advanced Automotive Service Technology	30, 31	/			AUTO IND @7 %7 %G AUTO MECH @7 7 G
AERO011	AUTO MAINT TECH Automotive Maintenance Technician	/Y	VO		2.5	
AERO118	ADV ENG RPR TECH Advanced Engine Repair Technician	/Y	VO		1.0	
AERO258	ADV AUTO TRANS TECH Advanced Automatic Transmission and Transaxle Technician	/Y	VO		1.0	
AERO275	ADV MAN DT/AX TECH Advanced Manual Drivetrain and Axle Technician	/Y	VO		1.0	
AERO459	ADV AUTO SUSP & STEE Advanced Automotive Suspension and Steering Technician	/Y	VO		1.0	
AERO419	ADV AUTO BRAKE SYS Advanced Automotive Brake System Technician	/Y	VO		1.0	
AERO319	ADV AUTO ELEC TECH Advanced Automotive Electrical/ Electronic System Technician	/Y	VO		2.5	
AERO173	ADV AUTO HEAT&AC TEC Advanced Automotive Heating and Air Conditioning Technician	/Y	VO		1.0	
AERO506	ADV AUTO ENGN PERF T Advanced Automotive Engine Performance Technician	/Y	VO		2.5	
^a 8715100	^a AIRCR AIRFRAME MECH Aircraft Airframe Mechanics	9- 12, 30, 31	/			AIR MECH @7 7 G
8715110	AVIATION MAINT GEN 1 Aviation Maintenance General 1/ Level 3	/Y	VO		1.0	
8715120	AVIATION MAINT GEN 2 Aviation Maintenance General 2/ Level 3	/Y	VO		1.0	
8715130	AVIATION MAINT GEN 3 Aviation Maintenance General 3/ Level 3	/Y	VO		1.0	

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			
8715140	AVIATION MAINT GEN 4 Aviation Maintenance General 4/ Level 3	/Y	VO		1.0	
^a I470612	^a AIRCRAFT AIRFRAME MECH Aircraft Airframe Mechanics	30, 31	/		AIR MECH	@7 7 G
AMT0700	AV GEN MAINT TECH HL Aviation General Maintenance Technician Helper	/Y	VO		4.0	
AMT0710	AV MAINT TECH FAA1 Aviation Maintenance Technician with FAA Airframe Rating 1	/Y	VO		3.0	
AMT0711	AV MAINT TECH FAA2 Aviation Maintenance Technician with FAA Airframe Rating 2	/Y	VO		3.0	
T400500	AIR COAT & CORROSION Aircraft Coating and Corrosion Control Technology	30, 31	/		AIR MECH	@7 7 G
AMT0125	AIR COAT SAFETY Aircraft Coating Safety, Inspection and Environmental Regulations	/Y	VO		0.5	
AMT0133	AIR SURFACE PREP TEC Aircraft Surface Prep Technician	/Y	VO		1.0	
AMT0126	AIR COATINGS TECH Aircraft Coatings Technician	/Y	VO		1.0	
AMT0940	AIR COAT TECH INTERN Aircraft Coatings Technician Internship	/Y	VO		0.5	
^a I470622	^a AIRCRAFT POWPL MECH Aircraft Powerplant Mechanics	30, 31	/		AIR MECH	@7 7 G
AMT0700	AV GEN MAINT TECH HL Aviation General Maintenance Technician Helper	/Y	VO		4.0	
AMT0720	AV MAINT TECH PPR 1 Aviation Maintenance Technician with FAA Power Plant Rating 1	/Y	VO		3.0	
AMT0721	AV MAINT TECH PPR 2 Aviation Maintenance Technician with FAA Power Plant Rating 2	/Y	VO		3.0	
^a 8715200	^a AIRCRAFT POWPL MECH Aircraft Powerplant Mechanics	9- 12, 30, 31	/		AIR MECH	@7 7 G
8715110	AVIATION MAINT GEN 1 Aviation Maintenance General 1/ Level 3	/Y	VO		1.0	
8715120	AVIATION MAINT GEN 2 Aviation Maintenance General 2/ Level 3	/Y	VO		1.0	
8715130	AVIATION MAINT GEN 3 Aviation Maintenance General 3/ Level 3	/Y	VO		1.0	
8715140	AVIATION MAINT GEN 4 Aviation Maintenance General 4/ Level 3	/Y	VO		1.0	

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						
AT401200	ALTERNATIVE FUEL TEC Alternative Fuels Technology	30, 31	/			AUTO MECH	@7	7	G
AER0875	ALT FUELS MAINT TECH Alternative Fuels Maintenance Technician		/Y	VO	2.0				
AER0876	ADV ALT FUELS TECH Advanced Alternative Fuels Technician		/Y	VO	2.0				
AER0877	CNG FUEL SYS INSPECT Compressed Natural Gas (CNG) System Inspector		/Y	VO	1.0				
8709000	AUTO COLL RPR & REF Automotive Collision Repair and Refinishing	9- 12, 30, 31	/			AUTO BODY	@7	7	G
8709010	AUTO COLL RPR & REF1 Automotive Collision Repair and Refinishing 1/Level 2		/Y	VO	1.0				
8709020	AUTO COLL RPR & REF2 Automotive Collision Repair and Refinishing 2/Level 2		/Y	VO	1.0				
8709030	AUTO COLL RPR & REF3 Automotive Collision Repair and Refinishing 3/Level 2		/Y	VO	1.0				
8709040	AUTO COLL RPR & REF4 Automotive Collision Repair and Refinishing 4/Level 2		/Y	VO	1.0				
8709050	AUTO COLL RPR & REF5 Automotive Collision Repair and Refinishing 5/Level 2		/Y	VO	1.0				
8709060	AUTO COLL RPR & REF6 Automotive Collision Repair and Refinishing 6/Level 2		/Y	VO	1.0				
8709070	AUTO COLL RPR & REF7 Automotive Collision Repair and Refinishing 7/Level 2		/Y	VO	1.0				
8709080	AUTO COLL RPR & REF8 Automotive Collision Repair and Refinishing 8/Level 2		/Y	VO	1.0				
8709090	AUTO COLL RPR & REF9 Automotive Collision Repair and Refinishing 9/Level 2		/Y	VO	1.0				
I470603	AUTO COLL RPR & REF Automotive Collision Repair and Refinishing	30, 31	/			AUTO BODY	@7	7	G
ARRO210	PAINT & BODY HELPER Paint and Body Helper		/Y	VO	2.0				
ARRO213	PAINT & BODY ASST Paint and Body Assistant		/Y	VO	2.0				
ARRO020	AUTO COLLISION EST Auto Collision Estimator		/S	VO	0.5				
ARRO313	FRAME & BODY REPAIR Frame and Body Repairman		/Y	VO	1.0				

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				
			REQUIREMENTS	GRADUATION						
ARRO127	AUTO REFINISHING Automotive Refinishing	/Y	VO		2.0					
ARRO240	AUTO BODY REPAIRER Automobile Body Repairer	/Y	VO		2.0					
T400100	AUTO COLL RPR & REF1 Automotive Collision Repair and Refinishing 1	30, 31	/			AUTO BODY	@7	7	G	AUTO IND @7 %7 %G
ARRO210	PAINT & BODY HELPER Paint and Body Helper	/Y	VO		2.0					
ARRO213	PAINT & BODY ASST Paint and Body Assistant	/Y	VO		2.0					
ARRO020	AUTO COLLISION EST Auto Collision Estimator	/S	VO		0.5					
ARRO313	FRAME & BODY REPAIR Frame and Body Repairman	/Y	VO		1.0					
T400200	AUTO COLL RPR & REF2 Automotive Collision Repair and Refinishing 2	30, 31	/			AUTO BODY	@7	7	G	AUTO IND @7 %7 %G
ARRO127	AUTO REFINISHING Automotive Refinishing	/Y	VO		2.0					
ARRO240	AUTO BODY REPAIRER Automobile Body Repairer	/Y	VO		2.0					
□T401100	AUTO CNG/LPG TECH Automotive Compressed Natural Gas/ Liquid Propane Gas Technician	30, 31	/			AUTO MECH	@7	7	G	
AER0014	AUTO SERVICES ASST Automobile Services Assistor	/Y	VO		2.0					
AER0360	AUTO ELEC/ELECT TECH Automotive Electrical/Electronic System Technician	/Y	VO		2.0					
AER0503	AUTO ENGN PERF TECH Automotive Engine Performance Technician	/Y	VO		2.0					
AER0871	AUTO CNG TECHNICIAN Automotive Compressed Natural Gas Technician	/Y	VO		1.0					
AER0872	AUTO LPG TECHNICIAN Automotive Liquid Propane Gas Technician	/Y	VO		1.0					
ª8710000	ªAUTO DETAIL RECD Automotive Detailing and Reconditioning	9- 12, 30, 31	/			AUTO BODY AUTO MECH	@7 @7	7 7	G G	AUTO IND @7 %7 %G
8710010	AUTO DETAILING 1 Automotive Detailing 1/Level 2	/Y	VO		1.0					
8710020	AUTO DETAILING 2 Automotive Detailing 2/Level 2	/Y	VO		1.0					
8710030	AUTO DETAILING 3 Automotive Detailing 3/Level 2	/Y	VO		1.0					
ªI470623	ªAUTO DETAIL RECD Automotive Detailing and Reconditioning	30, 31	/			AUTO BODY AUTO MECH	@7 @7	7 7	G 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		CREDIT	CERTIFICATION	
			REQUIREMENTS	GRADUATION			
ARRO610	BASIC PREP, AUTO Basic Prep, Automotive	/Y	VO		1.0		
ARRO611	RECOND DETAILER Reconditioning Detailer	/Y	VO		1.0		
ARRO612	AUTO DETAILER Automobile Detailer	/Y	VO		1.0		
9504100	AUTO MAINT/LT REPAIR Automotive Maintenance and Light Repair	9- 12, 30, 31 /			AUTO IND	@7 %7 %G	AUTO MECH @7 7 G
9504110	AUTO MAINT/LT RPR 1 Automotive Maintenance and Light Repair 1/Level 3	/Y	VO		1.0		
9504120	AUTO MAINT/LT RPR 2 Automotive Maintenance and Light Repair 2/Level 3	/Y	VO		1.0		
9504130	AUTO MAINT/LT RPR 3 Automotive Maintenance and Light Repair 3/Level 3	/Y	VO		1.0		
9504140	AUTO MAINT/LT RPR 4 Automotive Maintenance and Light Repair 4/Level 3	/Y	VO		1.0		
9504150	AUTO MAINT/LT RPR 5 Automotive Maintenance and Light Repair 5/Level 3	/Y	VO		1.0		
9504160	AUTO MAINT/LT RPR 6 Automotive Maintenance and Light Repair 6/Level 3	/Y	VO		1.0		
T400900	AUTO SERVICE ADV/CON Automotive Service Advisor and Consultant	30, 31 /			AUTO MECH @7 7 G MKTG 1 @2 RETAILING @7 7 G		CUST SERV 7 G MKTG MGMT @7 7 G
AERO075	INTRO AUTO SERV ADV Introduction to Automotive Service Advisor	/Y	VO		0.5		
AERO076	INTRO AUTO CUST SERV Introduction to Automotive Customer Service	/Y	VO		0.5		
AERO077	DEALER POLICIES/PROC Dealership Policies and Procedures	/Y	VO		0.5		
AERO945	DEALERSHIP INTERN Dealership Internship	/Y	VO		1.0		
^a 8709400	^a AUTO SERV TECH Automotive Service Technology	9- 12, 30, 31 /			AUTO MECH @7 7 G		AUTO IND @7 %7 %G
^a 8709410	AUTO SERVICE TECH 1 Automotive Service Technology 1/ Level 2	/Y	VO		1.0		
^a 8709420	AUTO SERVICE TECH 2 Automotive Service Technology 2/ Level 2	/Y	VO		1.0		
^a 8709430	AUTO SERVICE TECH 3 Automotive Service Technology 3/ Level 2	/Y	VO		1.0		

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			REQUIREMENTS	GRADUATION		
^a 8709440	AUTO SERVICE TECH 4 Automotive Service Technology 4/ Level 2		/Y	VO	1.0	
^a 8709450	AUTO SERVICE TECH 5 Automotive Service Technology 5/ Level 2		/Y	VO	1.0	
^a 8709460	AUTO SERVICE TECH 6 Automotive Service Technology 6/ Level 2		/Y	VO	1.0	
^a 8709470	AUTO SERVICE TECH 7 Automotive Service Technology 7/ Level 3		/Y	VO	1.0	
^a 8709480	AUTO SERVICE TECH 8 Automotive Service Technology 8/ Level 3		/Y	VO	1.0	
^a 8709490	AUTO SERVICE TECH 9 Automotive Service Technology 9/ Level 3		/Y	VO	1.0	
^a 8709491	AUTO SERVICE TECH 10 Automotive Service Technology 10/ Level 3		/Y	VO	1.0	
^a 8709492	AUTO SERVICE TECH 11 Automotive Service Technology 11/ Level 3		/Y	VO	1.0	
^a 8709493	AUTO SERVICE TECH 12 Automotive Service Technology 12/ Level 3		/Y	VO	1.0	
I470608	AUTO SERVICE TECH Automotive Service Technology	30, 31	/			AUTO IND @7 %7 %G AUTO MECH @7 7 G
AER0014	AUTO SERVICES ASST Automobile Services Assistor		/Y	VO	2.0	
AER0110	ENGINE REPAIR TECH Engine Repair Technician		/Y	VO	1.0	
AER0257	AUTO TRANS&AXLE TECH Automatic Transmission and Transaxle Technician		/Y	VO	1.0	
AER0274	MAN DRIVETRAIN/AXLE Manual Drivetrain and Axle Technician		/Y	VO	1.0	
AER0453	AUTO SUSP & STEER TE Automobile Suspension and Steering Technician		/Y	VO	1.0	
AER0418	AUTO BRAKE SYS TECH Automotive Brake System Technician		/Y	VO	1.0	
AER0360	AUTO ELEC/ELECT TECH Automotive Electrical/Electronic System Technician		/Y	VO	2.0	
AER0172	AUTO HEAT&AC TECH Automotive Heating and Air Conditioning Technician		/Y	VO	1.0	
AER0503	AUTO ENGN PERF TECH Automotive Engine Performance Technician		/Y	VO	2.0	

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			GRADUATION REQUIREMENTS			
T400700	AUTO SERVICE TECH 1 Automotive Service Technology 1	30, 31	/		AUTO IND	@7 %7 %G AUTO MECH @7 7 G
AER0014	AUTO SERVICES ASST Automobile Services Assistor		/Y	VO	2.0	
AER0418	AUTO BRAKE SYS TECH Automotive Brake System Technician		/Y	VO	1.0	
AER0453	AUTO SUSP & STEER TE Automobile Suspension and Steering Technician		/Y	VO	1.0	
AER0360	AUTO ELEC/ELECT TECH Automotive Electrical/Electronic System Technician		/Y	VO	2.0	
AER0110	ENGINE REPAIR TECH Engine Repair Technician		/Y	VO	1.0	
T400800	AUTO SERVICE TECH 2 Automotive Service Technology 2	30, 31	/		AUTO IND	@7 %7 %G AUTO MECH @7 7 G
AER0503	AUTO ENGN PERF TECH Automotive Engine Performance Technician		/Y	VO	2.0	
AER0257	AUTO TRANS&AXLE TECH Automatic Transmission and Transaxle Technician		/Y	VO	1.0	
AER0274	MAN DRIVETRAIN/AXLE Manual Drivetrain and Axle Technician		/Y	VO	1.0	
AER0172	AUTO HEAT&AC TECH Automotive Heating and Air Conditioning Technician		/Y	VO	1.0	
▫T640300	AVIATION AIRFRAME Aviation Airframe Mechanics	30, 31	/		AIR MECH	@7 7 G
AMT0705	AV MAINT GEN TECH Aviation Maintenance General Technician		/Y	VO	3.0	
AMT0765	AV MAINT AF TECH 1 Aviation Maintenance Airframe Technician 1		/Y	PA	3.0	
AMT0766	AV MAINT AF TECH 2 Aviation Maintenance Airframe Technician 2		/Y	VO	3.0	
▫9540600	AVIATION MAINT GEN Aviation Maintenance General	9- 12, 30, 31	/		AIR MECH	@7 7 G
9540610	PRIVATE PILOT GROUND Private Pilot Ground School/Level 3		/Y	VO	1.0	
8715110	AVIATION MAINT GEN 1 Aviation Maintenance General 1/ Level 3		/Y	VO	1.0	
8715120	AVIATION MAINT GEN 2 Aviation Maintenance General 2/ Level 3		/Y	VO	1.0	
8715130	AVIATION MAINT GEN 3 Aviation Maintenance General 3/ Level 3		/Y	VO	1.0	

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
▫T640400	AVIATION POWPL MECH Aviation Powerplant Mechanics	30, 31 /		AIR MECH	@7 7 G
AMT0705	AV MAINT GEN TECH Aviation Maintenance General Technician	/Y	VO	3.0	
AMT0775	AV POWERPLANT TECH 1 Aviation Maintenance Powerplant Technician 1	/Y	VO	3.0	
AMT0776	AV POWERPLANT TECH 2 Aviation Maintenance Powerplant Technician 2	/Y	VO	3.0	
▫I470199	AVIONICS Avionics	30, 31 /		AVIONICS	@7 7 G ELECTRONIC @7 7 G
EEV0010	ELECTRONICS ASMBR Electronics Assembler	/Y	VO	2.0	
EEV0100	ELECTRONICS TESTER Electronics Tester	/Y	VO	3.0	
EEV0500	ELECT EQUIP REPAIR Electronics Equipment Repairer	/Y	VO	2.5	
EEV0616	ELECTRONICS TECH Electronics Technician	/Y	VO	3.0	
AVS0090	AVIONICS TEC PUB TEC Avionics Technical Publications Technician	/Y	VO	1.0	
AVS0091	AVIONICS INSTALLER Avionics Installer	/Y	VO	1.0	
AVS0092	AV COMM SYS TECH Avionics Communication System Technician	/Y	VO	1.0	
AVS0093	AVIONICS TECH Avionics Technician	/Y	VO	1.0	
▫9504300	AVIONICS SYSTEMS Avionics Systems	9- 12, 30, 31 /		AVIONICS	@7 7 G ELECTRONIC @7 7 G
9504310	AVIONICS FUND 1 Avionics Fundamentals 1/Level 3	/Y	VO	1.0	
9504320	AVIONICS FUND 2 Avionics Fundamentals 2/Level 3	/Y	VO	1.0	
9504330	AVIONICS FUND 3 Avionics Fundamentals 3/Level 3	/Y	VO	1.0	
9504340	AVIONICS FUND 4 Avionics Fundamentals 4/Level 3	/Y	VO	1.0	
9504350	AVIONICS FUND CAP Avionics Fundamentals Capstone/ Level 3	/Y	PA	1.0	
▫T400310	AVIONICS SYS TECH Avionics Systems Technician	30, 31 /		AVIONICS	@7 7 G ELECTRONIC @7 7 G
AVS0680	BASIC ELECT WIRING Basic Electronics Wiring Installer/ Technician	/Y	VO	1.0	
AVS0681	ELECT SYSTEMS TECH Electrical Systems Technician	/Y	VO	1.0	

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT	CERTIFICATION
			REQUIREMENTS	GRADUATION		
AVS0682	ANALOG CIRCUITS TECH Analog Circuits Technician	/Y	VO		1.0	
AVS0683	AIRCRAFT ELECT TECH Aircraft Electronics Technician	/Y	VO		1.0	
AVS0684	AVIONICS INSTALL/TEC Avionics Installer/Technician	/Y	VO		2.0	
AVS0685	ADV AVIONICS INSTALL Advanced Avionics Installer/ Technician	/Y	VO		2.0	
^a 9540300	^a AVIONICS TECHNOLOGY Avionics Technology	9- 12, 30, 31 /			AVIONICS	@7 7 G ELECTRONIC @7 7 G
9540310	ELECTRONICS FUND 1 Electronics Fundamentals 1/Level 3	/Y	VO		1.0	
9540320	ELECTRONICS FUND 2 Electronics Fundamentals 2/Level 2	/Y	VO		1.0	
9540330	COMM SYSTEMS TECH Communications Systems Technician/ Level 2	/Y	VO		1.0	
9540340	ELECT NAV & UAS TECH Electronic Navigation and Unmanned Aircraft Systems Technician/Level 2	/Y	VO		1.0	
^a T400300	^a AVIONICS TECHNOLOGY Avionics Technology	30, 31 /			AVIONICS	@7 7 G ELECTRONIC @7 7 G
AVS0095	BASIC ELECT TROUBLE Basic Electronics Troubleshooter	/Y	VO		1.0	
AVS0096	ADV ELECT TROUBLE Advanced Electronics Troubleshooter	/Y	VO		1.0	
AVS0097	AVIONICS INSTALL TEC Avionics Installation Technician	/Y	VO		1.0	
AVS0098	AVIONICS COMM TECH Avionics Communication Technician	/Y	VO		1.0	
^a T640100	^a AVIONICS 1 Avionics 1	30, 31 /			AVIONICS	@7 7 G ELECTRONIC @7 7 G
EEV0010	ELECTRONICS ASMBR Electronics Assembler	/Y	VO		2.0	
EEV0100	ELECTRONICS TESTER Electronics Tester	/Y	VO		3.0	
EEV0616	ELECTRONICS TECH Electronics Technician	/Y	VO		3.0	
EEV0500	ELECT EQUIP REPAIR Electronics Equipment Repairer	/Y	VO		2.5	
^a T640200	^a AVIONICS 2 Avionics 2	30, 31 /			AVIONICS	@7 7 G ELECTRONIC @7 7 G
AVS0090	AVIONICS TEC PUB TEC Avionics Technical Publications Technician	/Y	VO		1.0	
AVS0091	AVIONICS INSTALLER Avionics Installer	/Y	VO		1.0	
AVS0092	AV COMM SYS TECH Avionics Communication System Technician	/Y	VO		1.0	

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					
AVS0093	AVIONICS TECH Avionics Technician	/Y	VO		1.0			
^a 8766000	^a GAS ENGN SERV TECH Gasoline Engine Service Technology	9- 12, 30, 31 /				GASENG RPR @7	7	G
^a 8766010	GAS ENGINE SERVICE 1 Gasoline Engine Service 1/Level 2	/Y	VO		1.0			
^a 8766020	GAS ENGINE SERVICE 2 Gasoline Engine Service 2/Level 2	/Y	VO		1.0			
^a 8766030	GAS ENGINE SERVICE 3 Gasoline Engine Service 3/Level 2	/Y	VO		1.0			
^a 8766040	GAS ENGINE SERVICE 4 Gasoline Engine Service 4/Level 2	/Y	VO		1.0			
^a 8766050	GAS ENGINE SERVICE 5 Gasoline Engine Service 5/Level 2	/Y	VO		1.0			
^a 8766060	GAS ENGINE SERVICE 6 Gasoline Engine Service 6/Level 2	/Y	VO		1.0			
^a 8766070	GAS ENGINE SERVICE 7 Gasoline Engine Service 7/Level 2	/Y	VO		1.0			
^a 8766080	GAS ENGINE SERVICE 8 Gasoline Engine Service 8/Level 2	/Y	VO		1.0			
^a I470606	^a GAS ENGN SERV TECH Gasoline Engine Service Technology	30, 31 /				GASENG RPR @7	7	G
^a SER0001	SERVICE TECHNICIAN Service Technician	/Y	VO		1.0			
^a SER0700	CLERK PARTS Clerk Parts	/Y	VO		0.5			
^a SER0171	INSTALLER REPAIRER Installer Repairer	/Y	VO		1.0			
^a SER0341	HLP, MECH & REPAIRER Helper, Mechanic and Repairer	/Y	VO		1.0			
^a SER0161	SMALL ENGINE MECH 1 Small Engine Mechanic 1	/Y	VO		2.0			
^a SER0162	SMALL ENGINE MECH 2 Small Engine Mechanic 2	/Y	VO		2.0			
8207310	DIGITAL INFO TECH Digital Information Technology/Level 2	/Y	PA		1.0			
9503100	GLOB LOG & SUP CH TE Global Logistics and Supply Chain Technology	9- 12, 30, 31 /				BUS ED	1	LOG TECH 7 G
9503110	GLOB LOG & SUP CH TE Global Logistics and Supply Chain Technology/Level 3	/Y	VO		1.0			
9503120	INTRO TO IT APPS Introduction to Information Technology Applications/Level 3	/Y	VO		1.0			
9503130	GLOBAL LOGISTICS OPS Global Logistics Operations/Level 3	/Y	VO		1.0			
9503140	GLOBAL LOGISTIC MGMT Global Logistics Management/Level 3	/Y	VO		1.0			
T300100	GLOB LOG & SUP CH TE Global Logistics and Supply Chain Technology	30, 31 /				BUS ED	1	LOG TECH 7 G

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT	CERTIFICATION
			REQUIREMENTS	GRADUATION		
TRA0180	PACKER Packer	/Y	VO		1.0	
TRA0181	MATERIAL HANDLER Material Handler	/Y	VO		1.0	
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA		1.0	
TRA0182	SHIP, REC, TRF CLERK Shipping, Receiving and Traffic Clerk	/Y	VO		1.0	
TRA0183	LOGISTICS TECH Logistics Technician	/Y	VO		1.0	
ªT440100	HVY EQ SERVICE TECH Heavy Equipment Mechanics	30, 31	/			DIESEL MEC @7 7 G
DIM0101	DSL ENGN MEC/TEC HLP Diesel Engine Mechanic/Technician Helper	/Y	VO		1.0	
DIM0102	DSL ELEC & ELECT TEC Diesel Electrical and Electronics Technician	/Y	VO		2.0	
DIM0103	DSL ENG PREV MAINT Diesel Engine Preventative Maintenance Technician	/Y	VO		1.0	
DIM0104	DIESEL ENGINE TECH Diesel Engine Technician	/Y	VO		2.0	
DIM0130	DIESEL BRAKES/FLUIDS Diesel Brakes/Fluids Technician	/Y	VO		2.0	
DIM0106	DSL HEAT & AC TECH Diesel Heating and Air Conditioning Technician	/Y	VO		1.0	
DIM0107	DSL STEER & SUSP TEC Diesel Steering and Suspension Technician	/Y	VO		1.0	
DIM0108	DSL DRIVETRAIN TECH Diesel Drivetrain Technician	/Y	VO		1.0	
DIM0110	DIESEL POWER TR TECH Diesel Power Train Technician	/Y	VO		1.0	
ªI470302	ªHVY EQUIPMENT MECH Heavy Equipment Mechanics	30, 31	/			DIESEL MEC @7 7 G
DIM0101	DSL ENGN MEC/TEC HLP Diesel Engine Mechanic/Technician Helper	/Y	VO		1.0	
DIM0102	DSL ELEC & ELECT TEC Diesel Electrical and Electronics Technician	/Y	VO		2.0	
DIM0103	DSL ENG PREV MAINT Diesel Engine Preventative Maintenance Technician	/Y	VO		1.0	
DIM0104	DIESEL ENGINE TECH Diesel Engine Technician	/Y	VO		2.0	
DIM0105	DIESEL BRAKES TECH Diesel Brakes Technician	/Y	VO		2.0	

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT	CERTIFICATION
			GRADUATION REQUIREMENTS			
DIM0106	DSL HEAT & AC TECH Diesel Heating and Air Conditioning Technician	/Y	VO		1.0	
DIM0107	DSL STEER & SUSP TEC Diesel Steering and Suspension Technician	/Y	VO		1.0	
DIM0108	DSL DRIVETRAIN TECH Diesel Drivetrain Technician	/Y	VO		1.0	
DIM0110	DI ESEL POWER TR TECH Diesel Power Train Technician	/Y	VO		1.0	
I490202	HEAVY EQUIPMENT OP Heavy Equipment Operation	30, 31	/			OPER ENGR @7 7 G
TRA0070	HVY EQUIP MAINT TECH Heavy Equipment Maintenance Technician	/Y	VO		1.0	
TRA0086	TRACTOR OPERATOR Tractor Operator	/Y	VO		1.0	
TRA0087	OFFRD EQUIP OP 1 Offroad Equipment Operator 1	/Y	VO		2.0	
TRA0088	OFFRD EQUIP OP 2 Offroad Equipment Operator 2	/Y	VO		2.0	
TRA0049	CRANE OPERATOR Crane Operator	/Y	VO		2.0	
T400210	MARINE SERVICE TECH Marine Service Technologies	30, 31	/			DIESEL MEC @7 7 G GASENG RPR @7 7 G
MFE0003	MARINE RIGGER Marine Rigger	/Y	VO		2.0	
MFE0090	OUTBOARD ENG TECH Outboard Engine Technician	/Y	VO		2.0	
MFE0074	OUTBOARD ENG DIAG Outboard Engine Diagnostics Technician	/Y	VO		1.0	
MFE0092	INBOARD GAS ENG TECH Inboard Gas Engine Technician	/Y	VO		2.0	
MFE0093	DRIVE TRAIN TECH Drive Train Technician	/Y	VO		1.0	
MFE0056	INBOARD DIESEL TECH Inboard Diesel Technician	/Y	VO		1.0	
^a 8751000	^a MARI SERV TECH Marine Service Technology	9- 12, 30, 31	/			DIESEL MEC @7 7 G GASENG RPR @7 7 G
^a 8751010	MARINE SERVICE 1 Marine Service 1/Level 2	/Y	VO		1.0	
^a 8751020	MARINE SERVICE 2 Marine Service 2/Level 2	/Y	VO		1.0	
^a 8751030	MARINE SERVICE 3 Marine Service 3/Level 2	/Y	VO		1.0	
^a 8751040	MARINE SERVICE 4 Marine Service 4/Level 2	/Y	VO		1.0	
^a 8751050	MARINE SERVICE 5 Marine Service 5/Level 2	/Y	VO		1.0	
^a 8751060	MARINE SERVICE 6 Marine Service 6/Level 2	/Y	VO		1.0	

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT	CERTIFICATION
			GRADUATION REQUIREMENTS			
^a 8751070	MARINE SERVICE 7 Marine Service 7/Level 2	/Y	VO		1.0	
^a 8751080	MARINE SERVICE 8 Marine Service 8/Level 2	/Y	VO		1.0	
^a 8751090	MARINE SERVICE 9 Marine Service 9/Level 2	/Y	VO		1.0	
^a I490306	^a MARINE SERVICE TECH Marine Service Technology	30, 31	/			DI ESEL MEC @7 7 G GASENG RPR @7 7 G
MFE0003	MARINE RIGGER Marine Rigger	/Y	VO		2.0	
^a MFE0050	OUTBOARD ENGN TECH 1 Outboard Engine Technician 1	/Y	VO		2.0	
^a MFE0070	OUTBOARD ENGN TECH 2 Outboard Engine Technician 2	/Y	VO		2.0	
^a MFE0183	STERN DRIVE TECH Stern Drive Technician	/Y	VO		1.0	
^a MFE0054	INBOARD GAS TECH Inboard Gas Technician	/Y	VO		1.0	
MFE0056	INBOARD DIESEL TECH Inboard Diesel Technician	/Y	VO		1.0	
^a T500100	^a MARINE SER TECH 1 Marine Service Technology 1	30, 31	/			DI ESEL MEC @7 7 G GASENG RPR @7 7 G
MFE0003	MARINE RIGGER Marine Rigger	/Y	VO		2.0	
^a MFE0050	OUTBOARD ENGN TECH 1 Outboard Engine Technician 1	/Y	VO		2.0	
^a T500200	^a MARINE SER TECH 2 Marine Service Technology 2	30, 31	/			DI ESEL MEC @7 7 G GASENG RPR @7 7 G
^a MFE0070	OUTBOARD ENGN TECH 2 Outboard Engine Technician 2	/Y	VO		2.0	
^a MFE0183	STERN DRIVE TECH Stern Drive Technician	/Y	VO		1.0	
^a MFE0054	INBOARD GAS TECH Inboard Gas Technician	/Y	VO		1.0	
MFE0056	INBOARD DIESEL TECH Inboard Diesel Technician	/Y	VO		1.0	
8742000	MED & HVY TRK&BUS TE Medium and Heavy Duty Truck and Bus Technician	9- 12, 30, 31	/			DI ESEL MEC @7 7 G
8742010	DIESEL ENGINE SER 1 Diesel Engine Service 1/Level 3	/Y	VO		1.0	
8742020	DIESEL ENGINE SER 2 Diesel Engine Service 2/Level 3	/Y	VO		1.0	
8742030	DIESEL ENGINE SER 3 Diesel Engine Service 3/Level 3	/Y	VO		1.0	
8742040	DIESEL ENGINE SER 4 Diesel Engine Service 4/Level 3	/Y	VO		1.0	
8742050	DIESEL ENGINE SER 5 Diesel Engine Service 5/Level 3	/Y	VO		1.0	
8742060	DIESEL ENGINE SER 6 Diesel Engine Service 6/Level 3	/Y	VO		1.0	

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
			REQUIREMENTS	GRADUATION		
8742070	DI ESEL ENGINE SER 7 Di esel Engi ne Servi ce 7/Level 3	/Y	VO		1.0	
8742080	DI ESEL ENGINE SER 8 Di esel Engi ne Servi ce 8/Level 3	/Y	VO		1.0	
8742090	DI ESEL ENGINE SER 9 Di esel Engi ne Servi ce 9/Level 3	/Y	VO		1.0	
8742091	DI ESEL ENGINE SER 10 Di esel Engi ne Servi ce 10/Level 3	/Y	VO		1.0	
8742092	DI ESEL ENGINE SER 11 Di esel Engi ne Servi ce 11/Level 3	/Y	VO		1.0	
8742093	DI ESEL ENGINE SER 12 Di esel Engi ne Servi ce 12/Level 3	/Y	VO		1.0	
I470605	MED & HVY TRK&BUS TE Medium and Heavy Duty Truck and Bus Techni ci an	30, 31	/			DI ESEL MEC @7 7 G
DIM0101	DSL ENGN MEC/TEC HLP Di esel Engi ne Mechani c/Techni ci an Hel per	/Y	VO		1.0	
DIM0102	DSL ELEC & ELECT TEC Di esel Electrical and Electronics Techni ci an	/Y	VO		2.0	
DIM0103	DSL ENG PREV MAINT Di esel Engi ne Preventati ve Maintenance Techni ci an	/Y	VO		1.0	
DIM0104	DI ESEL ENGINE TECH Di esel Engi ne Techni ci an	/Y	VO		2.0	
DIM0105	DI ESEL BRAKES TECH Di esel Brakes Techni ci an	/Y	VO		2.0	
DIM0106	DSL HEAT & AC TECH Di esel Heating and Air Conditioning Techni ci an	/Y	VO		1.0	
DIM0107	DSL STEER & SUSP TEC Di esel Steering and Suspensi on Techni ci an	/Y	VO		1.0	
DIM0108	DSL DRIVETRAIN TECH Di esel Drivetrain Techni ci an	/Y	VO		1.0	
DIM0109	DI ESEL HYDRA TECH Di esel Hydraul ics Techni ci an	/Y	VO		1.0	
T650100	MED & HVY TRK&BUS 1 Medium and Heavy Duty Truck and Bus Techni ci an 1	30, 31	/			DI ESEL MEC @7 7 G
DIM0101	DSL ENGN MEC/TEC HLP Di esel Engi ne Mechani c/Techni ci an Hel per	/Y	VO		1.0	
DIM0102	DSL ELEC & ELECT TEC Di esel Electrical and Electronics Techni ci an	/Y	VO		2.0	
DIM0104	DI ESEL ENGINE TECH Di esel Engi ne Techni ci an	/Y	VO		2.0	
DIM0105	DI ESEL BRAKES TECH Di esel Brakes Techni ci an	/Y	VO		2.0	

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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
T650200	MED & HVY TRK&BUS 2 Medium and Heavy Duty Truck and Bus Technician 2	30, 31 /			DI ESEL MEC @7 7 G
DIM0103	DSL ENG PREV MAINT Diesel Engine Preventative Maintenance Technician	/Y	VO	1.0	
DIM0106	DSL HEAT & AC TECH Diesel Heating and Air Conditioning Technician	/Y	VO	1.0	
DIM0107	DSL STEER & SUSP TEC Diesel Steering and Suspension Technician	/Y	VO	1.0	
DIM0108	DSL DRIVETRAIN TECH Diesel Drivetrain Technician	/Y	VO	1.0	
DIM0109	DI ESEL HYDRA TECH Diesel Hydraulics Technician	/Y	VO	1.0	
9540400	MOBILE ELECT TECH Mobile Electronics Technology	9- 12, 30, 31 /			AUTO MECH @7 7 G ELECTRONIC @7 7 G COMP SVC 7 G
9540410	MOBILE ELECT TECH 1 Mobile Electronics Technology 1/Level 2	/Y	VO	1.0	
9540420	MOBILE ELECT TECH 2 Mobile Electronics Technology 2/Level 2	/Y	VO	1.0	
9540500	MOTORCYCLE SERV TECH Motorcycle Service Technologies	9- 12, 30, 31 /			MOTORCYCLE @7 7 G
8766110	MOTORCYCLE SERVICE 1 Motorcycle Service 1/Level 2	/Y	VO	1.0	
8766120	MOTORCYCLE SERVICE 2 Motorcycle Service 2/Level 2	/Y	VO	1.0	
8766130	MOTORCYCLE SERVICE 3 Motorcycle Service 3/Level 2	/Y	VO	1.0	
8766140	MOTORCYCLE SERVICE 4 Motorcycle Service 4/Level 2	/Y	VO	1.0	
8766150	MOTORCYCLE SERVICE 5 Motorcycle Service 5/Level 2	/Y	VO	1.0	
8766160	MOTORCYCLE SERVICE 6 Motorcycle Service 6/Level 2	/Y	VO	1.0	
8766170	MOTORCYCLE SERV 7 Motorcycle Service 7/Level 2	/Y	VO	1.0	
8766180	MOTORCYCLE SERV 8 Motorcycle Service 8/Level 2	/Y	VO	1.0	
8766100	MOTORCYCLE SERV TECH Motorcycle Service Technology	9- 12, 30, 31 /			MOTORCYCLE @7 7 G
8766110	MOTORCYCLE SERVICE 1 Motorcycle Service 1/Level 2	/Y	VO	1.0	
8766120	MOTORCYCLE SERVICE 2 Motorcycle Service 2/Level 2	/Y	VO	1.0	
8766130	MOTORCYCLE SERVICE 3 Motorcycle Service 3/Level 2	/Y	VO	1.0	
8766140	MOTORCYCLE SERVICE 4 Motorcycle Service 4/Level 2	/Y	VO	1.0	
8766150	MOTORCYCLE SERVICE 5 Motorcycle Service 5/Level 2	/Y	VO	1.0	

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8766160	MOTORCYCLE SERVICE 6 Motorcycle Service 6/Level 2	/Y	VO	1.0	
8766170	MOTORCYCLE SERV 7 Motorcycle Service 7/Level 2	/Y	VO	1.0	
8766180	MOTORCYCLE SERV 8 Motorcycle Service 8/Level 2	/Y	VO	1.0	
8766190	MOTORCYCLE SERV 9 Motorcycle Service 9/Level 2	/Y	VO	1.0	
8766200	MOTORCYCLE SERV 10 Motorcycle Service 10/Level 2	/Y	VO	1.0	
^a I470616	^a MOTORCYCLE SERV TECH Motorcycle Service Technology	30, 31	/		MOTORCYCLE @7 7 G
MOM0001	ASSEMBLER (SETUP) Assembler (Setup)	/Y	0	1.0	
MOM0002	PARTS CLERK Parts Clerk	/Y	VO	1.0	
MOM0100	HELPER, MECHANIC Helper, Mechanic	/Y	VO	3.0	
MOM0400	MOTORCYCLE MECH Motorcycle Mechanic	/Y	VO	5.0	
9504200	OUTBOARD MARINE SER Outboard Marine Service Technology	9- 12, 30, 31	/		DIESEL MEC @7 7 G GASENG RPR @7 7 G
9504210	OUTBOARD MARINE 1 Outboard Marine Service 1/Level 3	/Y	VO	1.0	
9504220	OUTBOARD MARINE 2 Outboard Marine Service 2/Level 3	/Y	VO	1.0	
9504230	OUTBOARD MARINE 3 Outboard Marine Service 3/Level 3	/Y	VO	1.0	
9504240	OUTBOARD MARINE 4 Outboard Marine Service 4/Level 3	/Y	VO	1.0	
9504250	ADV MARINE TECH 1 Advanced Marine Technology 1/Level 3	/Y	VO	1.0	
9504260	ADV MARINE TECH 2 Advanced Marine Technology 2/Level 3	/Y	VO	1.0	
9504270	OUTBOARD MARINE CAP Outboard Marine Service Capstone/ Level 3	/Y	VO	1.0	
T410300	POWER EQUIPMENT TECH Power Equipment Technologies	30, 31	/		GASENG RPR @7 7 G
SER0080	POWER EQUIP SRV TEC1 Power Service Equipment Technician 1	/Y	VO	2.0	
SER0081	POWER EQUIP SRV TEC2 Power Service Equipment Technician 2	/Y	VO	2.0	
SER0082	POWER EQUIP SRV TEC3 Power Service Equipment Technician 3	/Y	VO	2.0	
9504500	POWER EQUIPMENT TECH Power Equipment Technology	9- 12, 30, 31	/		GASENG RPR @7 7 G
9504510	POWER & EQUIP TECH 1 Power and Equipment Technology 1/ Level 3	/Y	VO	1.0	

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT	CERTIFICATION
			GRADUATION REQUIREMENTS			
9504520	POWER & EQUIP TECH 2 Power and Equipment Technology 2/ Level 3	/Y	VO		1.0	
9504530	POWER & EQUIP TECH 3 Power and Equipment Technology 3/ Level 3	/Y	VO		1.0	
9504540	POWER & EQUIP TECH 4 Power and Equipment Technology 4/ Level 3	/Y	VO		1.0	
9504550	POWER & EQUIP TECH 5 Power and Equipment Technology 5/ Level 3	/Y	VO		1.0	
9504560	POWER & EQUIP TECH 6 Power and Equipment Technology 6/ Level 3	/Y	VO		1.0	
T660100	TRANSIT TECHNICIAN 1 Transit Technician 1	30, 31	/			DIESEL MEC @7 7 G
DIM0810	TRANSIT EQUIP PREV Transit Equipment Preventative Maintenance Technician	/Y	VO		1.5	
DIM0811	TRANSIT BASIC ELEC Transit Basic Electrical Systems Technician	/Y	VO		1.0	
DIM0812	TRANSIT WHEELCHAIR Transit Wheelchair Lift/Ramp Technician	/S	VO		0.5	
DIM0813	TRANSIT DSL ENG PREV Transit Diesel Engine Preventative Maintenance Technician	/Y	VO		1.0	
DIM0814	TRANSIT STEER & SUSP Transit Steering and Suspension Technician	/Y	VO		1.0	
T660200	TRANSIT TECHNICIAN 2 Transit Technician 2	30, 31	/			DIESEL MEC @7 7 G
DIM0820	TRANSIT HYDRAULICS Transit Hydraulics Technician	/S	VO		0.5	
DIM0821	TRANSIT DIESEL ELEC Transit Diesel Electrical and Diesel Engine Electronics Technician	/Y	VO		1.0	
DIM0822	TRANSIT DRIVETRAIN Transit Drivetrain Technician	/Y	VO		1.0	
DIM0823	TRANSIT INTM ELEC Transit Intermediate Electrical Systems Technician	/Y	VO		1.0	
DIM0824	TRANSIT BRAKES/AIR Transit Brakes/Air System Technician	/Y	VO		1.5	
T660300	TRANSIT TECHNICIAN 3 Transit Technician 3	30, 31	/			DIESEL MEC @7 7 G
DIM0830	TRANSIT ALT FUELS Transit Alternative Fuels System Technician	/Y	VO		1.0	

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			GRADUATION REQUIREMENTS			
DIM0831	TRANSIT ADV ELEC SYS Transit Advanced Electrical Systems Technician	/Y	VO		1.0	
DIM0832	TRANSIT HEAT & AIR Transit Heating and Air- Conditioning Technician	/Y	VO		1.0	
DIM0833	TRANS DIAG, REBUILD Transmission Diagnosis, Rebuild and Repair Technician	/Y	VO		1.0	
DIM0834	DSL ENG DIAG, REBLD Diesel Engine Diagnosis, Rebuild and Repair Technician	/Y	VO		1.0	
TRANS SYS/INFRASTRUCTURE PLAN, MGMT & REGS PATH (TRPE)						
I490251	CMCL CLASS B DRIVING Commercial Class B Driving	30, 31	/			COMM DRIV @7 7 G
TRA0084	TRUCK DRIV HVY FL"B" Truck Driver Heavy Florida Class "B"		/Y	VO	1.0	
8751200	COMMERCIAL FISHING Commercial Fishing	9-12, 30, 31	/			COMM FISH 7 G
8751210	COMMERCIAL FISHING 1 Commercial Fishing 1/Level 2		/Y	VO	1.0	
8751220	COMMERCIAL FISHING 2 Commercial Fishing 2/Level 2		/Y	VO	1.0	
8751230	COMMERCIAL FISHING 3 Commercial Fishing 3/Level 2		/Y	VO	1.0	
8751240	COMMERCIAL FISHING 4 Commercial Fishing 4/Level 2		/Y	VO	1.0	
8751250	COMMERCIAL FISHING 5 Commercial Fishing 5/Level 2		/Y	VO	1.0	
I490205	CMCL VEHICLE DRIVING Commercial Vehicle Driving	30, 31	/			COMM DRIV @7 7 G
TRA0080	TRACTOR TRAIL TRK DR Tractor Trailer Truck Driver		/Y	VO	2.0	
SUPPLEMENTAL PROGRAMS						
9590400	FUND OF TRANSPORT Fundamentals of Transportation	6-8	/S	VO		AEROSPACE 7 G AUTO MECH @7 7 G GASENG RPR @7 7 G TEC ED 1 @2 AIR MECH @7 7 G DIESEL MEC @7 7 G LOG TECH 7 G
9590350	INTRO TO TRANSPORT Introduction to Transportation, Distribution and Logistics	6-8	/S	VO		TRANSPORT @4 @7 7 G AEROSPACE 7 G AUTO MECH @7 7 G DIESEL MEC @7 7 G GASENG RPR @7 7 G LOG TECH 7 G
9590360	INTRO TO TRANS & CP Introduction to Transportation, Distribution and Logistics and Career Planning	6-8	/S	VO		TRANSPORT @4 @7 7 G AEROSPACE 7 G AUTO MECH @7 7 G DIESEL MEC @7 7 G GASENG RPR @7 7 G LOG TECH 7 G TEC ED 1 @2 TRANSPORT @4 @7 7 G

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT	CERTIFICATION
			GRADUATION REQUIREMENTS			
9500420	TRANSPORTATION OJT Transportation, Distribution and Logistics Cooperative Education OJT	9-12, 30, 31 /M	VO	MULTIPLE	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE	
T809999	TRANSPORTATION OJT Transportation, Distribution and Logistics Cooperative Education OJT	30, 31 /			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 /				

|ADDITIONAL CAREER AND TECHNICAL EDUCATION PROGRAMS/COURSES|

DIVERSIFIED

D886700	C & T REL BAS SK Career and Technical Related Basic 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
^a D886200	^a COOP DIV ED- OJT Cooperative Diversified Education- OJT	30, 31 /				ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER ANY VOCATIONAL FIELD OR COVERAGE COOR DCT @4 @7 COOP TEACH @7 COOR WK EX @7 MKTG 1 @2
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 MKTG 1 @2
8303000	DIV CAR TECH Diversified Career Technology	9-12, 30, 31 /				ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER ANY VOCATIONAL FIELD OR COVERAGE COOP TEACH @7 COOR DCT @4 @7 COOR WK EX @7 7 G MKTG 1 @2
8303010	DIV CAREER TECH PRIN Diversified Career Technology Principles/Level 2	/Y	VO	1.0		

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
8300410	DIV CAR TECH-OJT Diversified Career Technology OJT/ Level 2	/M	VO	MULTIPLE	
8303020	DIV CAR TECH APPL Diversified Career Technology Applications/Level 2	/Y	VO	1.0	
8303030	DIV CAR TECH MGMT Diversified Career Technology Management/Level 2	/Y	VO	1.0	
^a D886100	^a DIV CAR TECH Diversified Career Technology	30, 31	/		COOR DCT @4 @7 COOP TEACH @7 ANY VOCATIONAL FIELD OR COVERAGE MKTG 1 @2 COOR WK EX @7 ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER
^a AAE0400	DIV CAREER TECH Diversified Career Technology	/Y	VO	1.0	
^a AAE0940	DIV CAREER TECH OJT Diversified Career Technology OJT	/Y	VO	1.0	
^a AAE0401	DIV CAREER TECH APPS Diversified Career Technology Applications	/Y	VO	1.0	
^a AAE0402	DIV CAREER TECH MGMT Diversified Career Technology Management	/Y	VO	1.0	
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	VO	ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER ANY VOCATIONAL FIELD OR COVERAGE COOR WK EX @7 7 G
^a D886300	^a GUIDED WKPL LEARN Guided Workplace Learning (Internship)	30, 31	/		ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER ANY VOCATIONAL FIELD OR COVERAGE
8300430	GUIDED WKPL LEARN Guided Workplace Learning (Internship) /Level 2	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	VO	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	VO	ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER ANY VOCATIONAL FIELD OR COVERAGE
8300320	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 EXP Work Experience	9- 12, 30, 31 /			ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER COOR WK EX @7
8301610	WORK EXPERIENCE 1 Work Experience 1/Level 2	/Y	VO	1.0	
8301620	WORK EXPERIENCE 2 Work Experience 2/Level 2	/Y	VO	1.0	
8301630	WORK EXPERIENCE 3 Work Experience 3/Level 2	/Y	VO	1.0	
8301640	WORK EXPERIENCE 4 Work Experience 4/Level 2	/Y	VO	1.0	

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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8301650	WORK EXP-0JT Work Experience-0JT	/M	VO	MULTIPLE	
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
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

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 /			ANY VOCATIONAL FIELD OR COVERAGE
SLS0051	TRAIN RELATED OCCS 1 Training Related Occupations 1	/Y	VO	MULTIPLE	
SLS0052	TRAIN RELATED OCCS 2 Training Related Occupations 2	/Y	VO	MULTIPLE	
^a 9603100	CAR ED SERVICES SWD Career Education Services for Students With Disabilities	6-12, 30, 31 /M			ANY VOCATIONAL FIELD OR COVERAGE
9603110	CAR ED SERVICES SWD1 Career Education Services for Students with Disabilities 1	/Y	VO	1.0	
9603120	CAR ED SERVICES SWD2 Career Education Services for Students with Disabilities 2	/Y	VO	1.0	
9603130	CAR ED SERVICES SWD3 Career Education Services for Students with Disabilities 3	/Y	VO	1.0	
9603140	CAR ED SERVICES SWD4 Career Education Services for Students with Disabilities 4	/Y	VO	1.0	
9603150	CAR ED SERVICES SWD5 Career Education Services for Students with Disabilities 5	/Y	VO	1.0	
9603160	CAR ED SERVICES SWD6 Career Education Services for Students with Disabilities 6	/Y	VO	1.0	
9603170	CAR ED SERVICES SWD7 Career Education Services for Students with Disabilities 7	/Y	VO	1.0	
9603180	CAR ED SERVICES SWD8 Career Education Services for Students with Disabilities 8	/Y	VO	1.0	
^a S990004	^a SUP COMPE EMP AD DIS Supported Competitive Employment for Adults W/Disabilities (Phase I)	30, 31 /			ANY FIELD

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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			GRADUATION REQUIREMENTS			
SLS0053	TRAIN RELATED OCCS I Training Related Occupations I		/Y	VO	MULTIPLE	
SLS0054	TRAIN RELATED OCC II Training Related Occupations II		/Y	VO	MULTIPLE	
aS430123	aVOC EMP SKILLS ADULT Vocational Employability Skills for Adults	30, 31	/			ANY VOCATIONAL FIELD OR COVERAGE
SLS0050	HELPER Helper		/Y	VO	MULTIPLE	
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			
E91010N	CWE - HOSP & TOURISM Continuing Workforce Education - Hospitality and Tourism	30, 31	/M			

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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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	ANY VOCATIONAL FIELD OR COVERAGE
8000110	PRE-APPR 1 Pre-Apprenticeship 1		/Y	VO	1.0
8000120	PRE-APPR 2 Pre-Apprenticeship 2		/Y	VO	1.0
8000130	PRE-APPR 3 Pre-Apprenticeship 3		/Y	VO	1.0
8000140	PRE-APPR 4 Pre-Apprenticeship 4		/Y	VO	1.0
8000150	PRE-APPR 5 Pre-Apprenticeship 5		/Y	VO	1.0
8000160	PRE-APPR 6 Pre-Apprenticeship 6		/Y	VO	1.0
E92010R	PRE-APPR - APPR Pre-Apprenticeship - Apprenticeship	30, 31	/		ANY VOCATIONAL FIELD OR COVERAGE
SLS0314	PRE-APPRENTICE I Pre-Apprenticeship I		/Y	VO	3.0
SLS0315	PRE-APPRENTICE II Pre-Apprenticeship II		/Y	VO	3.0
^a M899993	^a QUICK RESPONSE TRAIN Quick Response Training	30, 31	/		ANY VOCATIONAL FIELD OR COVERAGE
^a 8002000	^a TECH SYSS & APPL Technical Systems and Applications	9- 12, 30, 31	/Y	VO	1.0 ANY VOCATIONAL FIELD OR COVERAGE

MIDDLE SCHOOL PROGRAMS

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