

**Section 5: Career and Technical Education (CTE)
Vocational 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.

SECTION 5

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

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

FOOD PRODUCTS & PROCESSING SYSTEMS CAREER PATH (APGA)

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

PLANT SYSTEMS CAREER PATH (AGPB)

αA120200	ADV FLORAL DSN & MGM Advanced Floral Design and Management	30,31 /			AGRICULTUR 1 @2 MKTG 1	RETAILING @7 G
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		
^a 8818000	^a FLORAL DESIGN & MKT Floral Design and Marketing	9-12,30,31 /			DIST ED @7 TEACH CDE @7 MKTG MGMT @7 G	RETAILING @7 G MKTG 1
8818010	FLORAL DSN & MKT 1 Floral Design and Marketing 1/Level 2	/Y	PA	1.0		
8818020	FLORAL DSN & MKT 2 Floral Design and Marketing 2/Level 2	/Y	PA	1.0		
8818030	FLORAL DSN & MKT 3 Floral Design and Marketing 3/Level 2	/Y	PA	1.0		
8818040	FLORAL DSN & MKT 4 Floral Design and Marketing 4/Level 2	/Y	PA	1.0		
8818050	FLORAL DSN & MKT 5 Floral Design and Marketing 5/Level 2	/Y	PA	1.0		
8818060	FLORAL DSN & MKT 6 Floral Design and Marketing 6/Level 2	/Y	PA	1.0		

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aM805030	aFLORAL DESIGN & MKT Floral Design and Marketing	30,31	/			RETAILING @7 G TEACH CDE @7 MKTG MGMT @7 G		DIST ED @7 MKTG 1
ORH0060	DEL PERSON (FLORAL) Delivery Person (Floral)		/Y	PA	1.0			
ORH0061	RETAIL SALES(FLORAL) Retail Sales (Floral)		/Y	PA	1.0			
ORH0062	WEIGHERS, MEAS, RCDK Weighers, Measurers, Checkers, Samplers, and Recordkeeping		/Y	PA	1.0			
ORH0063	FLORAL DSN (ASST) Floral Design (Assistant)		/Y	PA	1.0			
ORH0064	FLORAL DESIGNER Floral Designer		/Y	PA	1.0			
ORH0065	RETAIL MGR (FLORAL) Retail Manager (Floral)		/Y	PA	1.0			
αA120100	FLORAL DSN&MKT(NEW) Floral Design and Marketing (NEW)	30,31	/			AGRICULTUR 1 @2 MKTG 1		RETAILING @7 G
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			
α8012100	FLORAL DSN&MKT(NEW) Floral Design and Marketing (NEW)	9-12,30,31	/			AGRICULTUR 1 @2 MKTG 1		RETAILING @7 G
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 Service s 3/Level 2		/Y	PA	1.0			
8012140	FLORAL DSN & MGMT Floral Design and Management 4/ Level 2		/Y	PA	1.0			
8121600	HORT SCI & SERS Horticulture Science & Services	9-12,30,31	/			AGRICULTUR 1 @2		HORTICULT #7
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3		/Y	SC	1.0			

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8121510	INTROD HORT 2 Introductory Horticulture 2/Level 3	/Y	PA	1.0	
8121520	HORT SCIENCE 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	
A010615	LAND MGMT Landscape Management	30,31	/		AGRI @2 HORTICULT @7 G AGRICULTUR 1 @2
ORH0885	LANDSCAPE SPEC Landscape Specialist	/Y	VO	2.0	
ORH0886	FIRST LINE SUPR/MGR1 First Line Supervisors/Managers of Lands, Lawn Ser & Grounds 1	/Y	VO	3.0	
ORH0887	LANDSCAPE CONTRACTOR Landscape Contractor	/Y	VO	1.0	
8121300	LAND OPS Landscape Operations	9-12,30,31	/		AGRICULTUR 1 @2 HORTICULT #7
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3	/Y	SC	1.0	
8121510	INTROD HORT 2 Introductory Horticulture 2/Level 3	/Y	PA	1.0	
8121520	HORT SCIENCE 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	LAND OPS 6 Landscape Operations 6/Level 2	/Y	VO	1.0	
A010616	NURSERY MGMT Nursery Management	30,31	/		AGRI @2 HORTICULT @7 G AGRICULTUR 1 @2
ORH0862	NURSERY WORKERS Nursery Workers	/Y	VO	2.0	
ORH0863	NURSERY & GRNHS MGR1 Nursery and Greenhouse Managers 1	/Y	VO	3.0	

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ORH0864	NURSERY & GRNHS MGR2 Nursery and Greenhouse Managers 2	/Y	VO	1.0	
A01061R	NURSERY MGMT- APPR Nursery Management - Apprenticeship	30,31 /			
A01062R	NURSERY TEC-APPR Nursery Technician - Apprenticeship	30,31 /			
8106500	PLANT BIOTECH Plant Biotechnology	9-12,30,31 /			AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3	/Y	SC	1.0	
8106850	AG BIOTECH 2 Agricultural Biotechnology 2/Level 3	/Y	VO	1.0	
8106510	PLANT BIOTECH 3 Plant Biotechnology 3/Level 3	/Y	VO	1.0	
A020607	SPRTS & REC TURF MGMT Sports and Recreational Turf Management	30,31 /			AGRI @2 HORTICULT @7 G AGRICULTUR 1 @2
ORH0885	LANDSCAPE SPEC Landscape Specialist	/Y	VO	2.0	
ORH0886	FIRST LINE SUPR/MGR1 First Line Supervisors/Managers of Lands, Lawn Ser & Grounds 1	/Y	VO	3.0	
ORH0897	FIRST LINE SUPR/MGR2 First Line Supervisors/Managers of Lands, Lawn Ser & Grounds 2	/Y	VO	1.0	
8121400	SPRTS & REC TURF OPS Sports and Recreational Turf Operations	9-12,30,31 /			AGRICULTUR 1 @2 HORTICULT #7
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3	/Y	SC	1.0	
8121510	INTROD HORT 2 Introductory Horticulture 2/Level 3	/Y	PA	1.0	
8121520	HORT SCIENCE 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	

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ANIMAL SYSTEMS CAREER PATH (AGPC)							
8106100	ANIM BIOTECH Animal Biotechnology	9-12,30,31 /				AGRICULTUR	1 @2
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3	/Y	SC	1.0			
8106850	AG BIOTECH 2 Agricultural Biotechnology 2/Level 3	/Y	VO	1.0			
8106120	ANIM BIOTECH 3 Animal Biotechnology 3/Level 3	/Y	VO	1.0			
8106200	ANIM SCI & SERV Animal Science and Services	9-12,30,31 /				AGRICULTUR	1 @2 AGRI PROD #7
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3	/Y	SC	1.0			
8106210	ANIM SCI & SERS 2 Animal Science and Services 2/Level 2	/Y	VO	1.0			
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			
8112000	AQUACULTURE Aquaculture	9-12,30,31 /				AGRICULTUR	1 @2
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3	/Y	SC	1.0			
8112010	AQUACULTURE 2 Aquaculture 2/Level 2	/Y	VO	1.0			
8112020	AQUACULTURE 3 Aquaculture 3/Level 2	/Y	VO	1.0			
8115110	VET ASSIST Veterinary Assisting	9-12,30,31 /				AGRICULTUR	1 @2 AG SUPPLI #7
8111510	VET ASSIST 1 Veterinary Assisting 1/Level 3	/Y	VO	1.0			
8111540	VET ASSIST 2 Veterinary Assisting 2/Level 3	/Y	VO	1.0			
8111550	VET ASSIST 3 Veterinary Assisting 3/Level 3	/Y	VO	1.0			
8111520	VET ASSIST 4 Veterinary Assisting 4/Level 3	/Y	VO	1.0			

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8111530	VET ASSIST 5 Veterinary Assisting 5/Level 3	/Y	VO	1.0	
A010512	VET ASSIST Veterinary Assisting	30,31 /			AGRI @2 AG SUPPLI @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) -----					
^a 8103400	^a AG MACHI MECH Agricultural Machinery Mechanics	9-12,30,31 /			AGRI MECH #7 AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3	/Y	SC	1.0	
8103120	AG MECH 2 Agricultural Mechanics 2/Level 2	/Y	VO	1.0	
8103130	AG MECH 3 Agricultural Mechanics 3/Level 2	/Y	VO	1.0	
8103410	AG MACH MECH 4 Agricultural Machinery Mechanics 4/ Level 2	/Y	VO	1.0	
8103420	AG MACH MECH 5 Agricultural Machinery Mechanics 5/ Level 2	/Y	VO	1.0	
8103430	AG MACH MECH 6 Agricultural Machinery Mechanics 6/ Level 2	/Y	VO	1.0	
^a 8103200	^a AG MACHI OPS Agricultural Machinery Operations	9-12,30,31 /			AGRI MECH #7 AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3	/Y	SC	1.0	
8103120	AG MECH 2 Agricultural Mechanics 2/Level 2	/Y	VO	1.0	
8103130	AG MECH 3 Agricultural Mechanics 3/Level 2	/Y	VO	1.0	

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			GRADUATION REQUIREMENTS			
8103210	AG MACH OPS 4 Agricultural Machinery Operations 4 /Level 2		/Y	VO	1.0	
^a 8103300	^a DIV AG MECH Diversified Agricultural Mechanics	9-12,30,31	/			AGRI MECH #7 AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3		/Y	SC	1.0	
8103120	AG MECH 2 Agricultural Mechanics 2/Level 2		/Y	VO	1.0	
8103130	AG MECH 3 Agricultural Mechanics 3/Level 2		/Y	VO	1.0	
8103310	DIV AG MECH 4 Diversified Agricultural Mechanics 4/Level 2		/Y	VO	1.0	
^α 8005100	TECHNICAL AG OPS Technical Agriculture Operations	9-12,30,31	/			AGRI MECH #7 AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3		/Y	SC	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 Small Engine Mechanics 1		/Y	VO	2.5	
SER0005	OUTDR POWER EQUIP 2 Outdoor Power Equipment and Other Small Engine Mechanics 2		/Y	VO	2.5	
SER0006	OUTDR POWER EQUIP 3 Outdoor Power Equipment and Other Small Engine Mechanics 3		/Y	VO	1.5	
A600100	WATER DIST SYS OPS Water Distribution Systems Operations	30,31	/			WSP OPER @7 G

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EVS0240	WATER SYS OP LEVEL 3 Water System Operator Level 3	/S	VO	0.5	
EVS0241	WATER SYS OP LEVEL 2 Water System Operator Level 2	/S	VO	0.5	
EVS0242	WATER SYS OP LEVEL 1 Water System Operator Level 1	/S	VO	0.5	
NATURAL RESOURCES SYSTEMS CAREER PATH (AGPE)					
8118300	FORESTRY Forestry	9-12,30,31 /			FORESTRY #7 AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3	/Y	SC	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	
A020408	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	
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	
8113000	ENVIR RES Environmental Resources	9-12,30,31 /			AGRICULTUR 1 @2

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			GRADUATION REQUIREMENTS			CERTIFICATION	
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3	/Y	SC		1.0		
8106850	AG BIOTECH 2 Agricultural Biotechnology 2/Level 3	/Y	VO		1.0		
8113010	ENVIR RES 3 Environmental Resources 3/Level 3	/Y	VO		1.0		
8113020	ENVIR RES 4 Environmental Resources 4/Level 3	/Y	VO		1.0		
8007200	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		
8007100	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		
8913000	LAND RES TECH Land Resources Technology	9-12,30,31 /				WSP OPER @7 G	AGRICULTUR 1 @2
8913010	INTROD ENVIR TECH Introduction to Environmental Technology/Level 2	/Y	VO		1.0		
8913020	ENVIR TECH 2 Environmental Technology 2/Level 2	/Y	VO		1.0		
8913030	LAND RES 3 Land Resources 3/Level 3	/Y	VO		1.0		
8913040	LAND RES 4 Land Resources 4/Level 3	/Y	VO		1.0		

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P440699	SOLID WASTE DISP OP Solid Waste Disposal Operation	30,31	/		WASTE MGMT 7 G WSP OPER @7 G
EVS0055	LANDFILL MANAGERS Landfill Managers		/S VO	0.5	
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	
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	
^a 8916000	^a WATER RESOURCES TECH Water Resources Technology	9-12,30,31	/		WSP OPER @7 G BIOLOGY 1
8913010	INTROD ENVIR TECH Introduction to Environmental Technology/Level 2		/Y VO	1.0	
8913020	ENVIR TECH 2 Environmental Technology 2/Level 2		/Y VO	1.0	
8916010	WATER QUALITY RES 3 Water Quality Resources 3/Level 3		/Y VO	1.0	
8916020	WATER QUALITY RES 4 Water Quality Resources 4/Level 3		/Y VO	1.0	
P150507	WATER TRTMT 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) -----					
8106600	AG BIOTECHNOLOGY Agricultural Biotechnology	9-12,30,31	/		AGRICULTUR 1 @2

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8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3	/Y	SC	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	VO	1.0	
8117000	AG COMM Agricultural Communications	9-12,30,31 /			AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3	/Y	SC	1.0	
8117010	AG COM 2 Agricultural Communications 2/Level 2	/Y	PA	1.0	
8117020	AG COM 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 ANY AG ED ¶
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3	/Y	SC	1.0	
8116010	AG SALES & SERS 2 Agricultural Sales and Services 2/ Level 2	/Y	VO	1.0	
8116020	AG SALES & SERS 3 Agricultural Sales and Services 3/ Level 2	/Y	PA	1.0	
8106800	AGRITECH Agritechnology	9-12,30,31 /			AGRI PROD #7 AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3	/Y	SC	1.0	
8106820	AGRITECH 1 Agritechnology 1/Level 2	/Y	VO	1.0	
8106830	AGRITECH 2 Agritechnology 2/Level 2	/Y	VO	1.0	

SUPPLEMENTAL PROGRAMS

8100330	ADV CONCS AGSCI Advanced Concepts of Agriscience/ Level 2	11-12,30,31/Y	VO	1.0	AGRICULTUR 1 @2
8199990	AGRIBUS ED TRAN Agribusiness Education Transfer	9-12,30,31 /			NA
A010000	AGRIBUS ED TRANSFER Agribusiness Education Transfer	30,31 /			NA

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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
^a 8100410	^a AGRICULT COOP ED-OJT [®] AGRI,FOOD,NR - OJT ^a Agriculture Cooperative Education- OJT [®] Agriculture, Food and Natural Resources Education - OJT	9-12,30,31 /M	VO MULTIPLE	AGRICULTUR	1 @2 ANY AG ED ¶
^a A019999	^a AGRICUL COOP ED-OJT [®] AGRI,FOOD,NR - OJT ^a Agriculture Cooperative Education- OJT [®] Agriculture, Food, and Natural Resources Education - OJT	30,31 /		AGRI ANY AG ED	@2 ¶ AGRICULTUR 1 @2
8100100	^a AG ED DIR STUDY [®] AGRI,FOOD,NR DS ^a Agriculture Education Directed Study [®] Agriculture, Food and Natural Resources Directed Study	11-12,30,31/M	VO MULTIPLE	AGRICULTUR	1 @2 ANY AG ED ¶
8100210	EX OF AGRISCI Exploration of Agriscience	6-8 /S	VO	EXP AG	@4 AGRICULTUR 1 @2
8500395	FOOD SCI TECH Food Science Technology/Level 2	9-12,30,31 /Y	VO	1.0 VOC HM EC	@4 GEN HME EC @4
[✕] 8021400	FUND OF AG SERVICES Fundamentals of Agriculture, Food and Natural Resource Services	6-8 /Y	VO	FAM CON SC AGRICULTUR	1 @2 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
8100320	FUND AGSCI 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 MULTIPLE	AGRICULTUR	1 @2 EXP AG @4
[✕] 8021110	INTRO TO AG & CP Introduction to Agriculture, Food and Natural Resources/Career Plan	6-8 /Y	VO MULTIPLE	AGRICULTUR	1 @2 EXP AG @4
8100120	INTROD TO AGSCI Introduction to Agriscience	6-8 /S	VO	EXP AG	@4 AGRICULTUR 1 @2
8100310	ORIEN TO AGSCI Orientation to Agriscience	6-8 /S	VO	EXP AG	@4 AGRICULTUR 1 @2
8100110	ORIEN TO AGSCI & C P Orientation to Agriscience and Career Planning	6-8 /S	VO	EXP AG	@4 AGRICULTUR 1 @2

SECTION 5

CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
----- ARCHITECTURE & CONSTRUCTION CAREER CLUSTER -----					
DESIGN/PRE-CONSTRUCTION CAREER PATH (ACPA) -----					
8725400	ARCH DRAFT Architectural Drafting	9-12,30,31 /			BLDG CONST @7 G TEC DRAFT @7 G
8725010	DRAFTING 1 Drafting 1/Level 2	/Y	PA	1.0	
8725020	DRAFTING 2 Drafting 2/Level 2	/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	ARCH DRAFTING 5 Architectural Drafting 5/Level 3	/Y	PA	1.0	
8725460	ARCH DRAFTING 6 Architectural Drafting 6/Level 3	/Y	PA	1.0	
8725470	ARCH DRAFTING 7 Architectural Drafting 7/Level 3	/Y	PA	1.0	
8725480	ARCH DRAFTING 8 Architectural Drafting 8/Level 3	/Y	PA	1.0	
8725490	ARCH DRAFTING 9 Architectural Drafting 9/Level 3	/Y	PA	1.0	
8725491	ARCH DRAFTING 10 Architectural Drafting 10/Level 3	/Y	PA	1.0	
8725492	ARCH DRAFTING 11 Architectural Drafting 11/Level 3	/Y	PA	1.0	
8725493	ARCH DRAFTING 12 Architectural Drafting 12/Level 3	/Y	PA	1.0	
8725494	ARCH DRAFTING 13 Architectural Drafting 13/Level 3	/Y	PA	1.0	
^a I480112	^a ARCH DRAFTING Architectural Drafting	30,31 /			DRAFTING @7 G BLDG CONST @7 G
TDR0070	BLUEPRINT READER Blueprint Reader	/Y	PA	1.0	
TDR0370	DRAFTING ASST Drafting Assistant	/Y	VO	3.0	
TDR0371	ARCH DETAILER Architectural Detailer	/Y	VO	2.0	

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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	CAREER AND TECHNICAL EDUCATION	
					CERTIFICATION	
TDR0571	ARCH CAD DRAFTER 1 Architectural CAD Drafter 1	/Y	PA	1.5		
TDR0572	ARCH CAD DRAFTER 2 Architectural CAD Drafter 2	/Y	PA	1.5		
TDR0573	DRAFTER ARCH 1 Drafter Architectural 1	/Y	PA	2.0		
TDR0574	DRAFTER ARCH 2 Drafter Architectural 2	/Y	PA	2.0		
8725600	BLUEPR READ & EST Blueprint Reading and Estimation	9-12,30,31 /			TEC CONSTR @7 G DRAFTING @7 G BLU PR RDG @7 G	CARPENTRY @7 G BLDG CONST @7 G
8725610	BLUEPR READ & EST Blueprint Reading and Estimation/ Level 2	/Y	PA	1.0		
I469919	BLUEPRINT READ & EST Blueprint Reading and Estimation	30,31 /			TEC CONSTR @7 G DRAFTING @7 G BLU PR RDG @7 G	CARPENTRY @7 G BLDG CONST @7 G
BCV0044	COST ESTIMATOR Cost Estimator	/Y	PA	1.0		
8722000	BLDG TR & CONST DSN Building Trades and Construction Design Technology	9-12,30,31 /			BLDG MAINT @7 G PLUMBIN @7 G AC HEAT ME @7 G DRAFTING @7 G TEC CONSTR @7 G TEC DRAFT @7 G TEC ED 1 WOODWORKIN @4	TROWEL TR @7 G ELECTRICAL @7 G BLDG CONST @7 G SHEETMETAL @7 G CARPENTRY @7 G ROOFING @7 G ENG 7 G
8722010	BLDG TR & CDT 1 Building Trades and Construction Design Technology 1/Level 2	/Y	VO	1.0		
8722020	BLDG TR & CDT 2 Building Trades and Construction Design Technology 2/Level 2	/Y	VO	1.0		
8722030	BLDG TR & CDT 3 Building Trades and Construction Design Technology 3/Level 2	/Y	PA	1.0		
8722040	BLDG TR & CDT 4 Building Trades and Construction Design Technology 4/Level 2	/Y	VO	1.0		
8722050	BLDG TR & CDT 5 Building Trades and Construction Design Technology 5/Level 2	/Y	VO	1.0		

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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	COURSE MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION	
8722060	BLDG TR & CDT 6 Building Trades and Construction Design Technology 6/Level 2	/Y	PA	1.0		
C100100	BLDG TR & CONST DSN Building Trades and Construction Design Technology	30,31	/		BLDG MAINT @7 G PLUMBIN @7 G AC HEAT ME @7 G DRAFTING @7 G CARPENTRY @7 G ROOFING @7 G TEC CONSTR @7 G WOODWORKIN @4	TROWEL TR @7 G ELECTRICAL @7 G BLDG CONST @7 G SHEETMETAL @7 G TEC DRAFT @7 G TEC ED 1 ENG 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	/		TEC CONSTR @7 G SURVEY @7 G	TEC EN AID @7 G
8915010	CIVIL ENGR AIDE 1 Civil Engineering Aide 1/Level 2	/Y	VO	1.0		
8915020	CIVIL ENGR AIDE 2 Civil Engineering Aide 2/Level 2	/Y	VO	1.0		
8915030	CIVIL ENGR AIDE 3 Civil Engineering Aide 3/Level 2	/Y	VO	1.0		
8915040	CIVIL ENGR AIDE 4 Civil Engineering Aide 4/Level 2	/Y	VO	1.0		
8725000	DRAFTING Drafting	9-12,30,31	/		BLDG CONST @7 G TEC DRAFT @7 G	DRAFTING @7 G TEC CONSTR @7 G
8725010	DRAFTING 1 Drafting 1/Level 2	/Y	PA	1.0		
8725020	DRAFTING 2 Drafting 2/Level 2	/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	/		DRAFTING @7 G BLDG CONST @7 G	TEC CONSTR @7 G TEC DRAFT @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
TDR0070	BLUEPRINT READER Blueprint Reader	/Y	PA	1.0	
TDR0370	DRAFTING ASST Drafting Assistant	/Y	VO	3.0	
TDR0775	DRAFTING DETAILER 1 Drafting Detailer 1	/Y	VO	1.0	
TDR0776	DRAFTING DETAILER 2 Drafting Detailer 2	/Y	VO	1.0	
TDR0570	ARCHITECTURAL DRAFT Architectural Drafter	/Y	VO	1.0	
TDR0874	CIVIL DRAFTER Civil Drafter	/Y	VO	1.0	
TDR0777	MECHANICAL DRAFTER Mechanical Drafter	/Y	VO	1.0	
TDR0875	STRUCTURAL DRAFTER Structural Drafter	/Y	VO	1.0	
8725200	ELECTRICAL DRAFT Electrical Drafting	9-12,30,31 /			BLDG CONST @7 G TEC DRAFT @7 G
8725010	DRAFTING 1 Drafting 1/Level 2	/Y	PA	1.0	
8725020	DRAFTING 2 Drafting 2/Level 2	/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	
8725210	ELEC DRAFTING 5 Electrical Drafting 5/Level 2	/Y	PA	1.0	
8725220	ELEC DRAFTING 6 Electrical Drafting 6/Level 2	/Y	PA	1.0	
8725230	ELEC DRAFTING 7 Electrical Drafting 7/Level 2	/Y	PA	1.0	
8725240	ELEC DRAFTING 8 Electrical Drafting 8/Level 2	/Y	PA	1.0	
^a I480114	^a ELECTRICAL DRAFTING Electrical Drafting	30,31 /			DRAFTING @7 G BLDG CONST @7 G
TDR0070	BLUEPRINT READER Blueprint Reader	/Y	PA	1.0	
TDR0370	DRAFTING ASST Drafting Assistant	/Y	VO	3.0	
TDR0661	DRAFTER, ELECT 1 Drafter, Electrical 1	/Y	PA	2.0	

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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	
TDR0662	DRAFTER, ELECT 2 Drafter, Electrical 2	/Y	PA	2.0		
8725100	ELECTRONIC DRAFT Electronic Drafting	9-12,30,31 /			BLDG CONST @7 G TEC DRAFT @7 G	DRAFTING @7 G TEC CONSTR @7 G
8725010	DRAFTING 1 Drafting 1/Level 2	/Y	PA	1.0		
8725020	DRAFTING 2 Drafting 2/Level 2	/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		
8725110	ELECTRONIC DRAFT 5 Electronic Drafting 5/Level 2	/Y	PA	1.0		
8725120	ELECTRONIC DRAFT 6 Electronic Drafting 6/Level 2	/Y	PA	1.0		
8725130	ELECTRONIC DRAFT 7 Electronic Drafting 7/Level 2	/Y	PA	1.0		
8725140	ELECTRONIC DRAFT 8 Electronic Drafting 8/Level 2	/Y	PA	1.0		
^a I480115	^a ELECTRONIC DRAFTING Electronic Drafting	30,31 /			DRAFTING @7 G BLDG CONST @7 G	TEC CONSTR @7 G TEC DRAFT @7 G
TDR0070	BLUEPRINT READER Blueprint Reader	/Y	PA	1.0		
TDR0370	DRAFTING ASST Drafting Assistant	/Y	VO	3.0		
TDR0671	DRAFTER, ELECTR 1 Drafter, Electronic 1	/Y	PA	2.0		
TDR0672	DRAFTER, ELECTR 2 Drafter, Electronic 2	/Y	PA	2.0		
8725300	MECHANICAL DRAFT Mechanical Drafting	9-12,30,31 /			BLDG CONST @7 G TEC DRAFT @7 G	DRAFTING @7 G TEC CONSTR @7 G
8725010	DRAFTING 1 Drafting 1/Level 2	/Y	PA	1.0		
8725020	DRAFTING 2 Drafting 2/Level 2	/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		
8725310	MECHANICAL DRAFT 5 Mechanical Drafting 5/Level 2	/Y	PA	1.0		

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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	
8725320	MECHANICAL DRAFT 6 Mechanical Drafting 6/Level 2	/Y	PA	1.0		
8725330	MECHANICAL DRAFT 7 Mechanical Drafting 7/Level 2	/Y	PA	1.0		
8725340	MECHANICAL DRAFT 8 Mechanical Drafting 8/Level 2	/Y	PA	1.0		
8725350	MECHANICAL DRAFT 9 Mechanical Drafting 9/Level 2	/Y	PA	1.0		
8725360	MECHANICAL DRAFT 10 Mechanical Drafting 10/Level 2	/Y	PA	1.0		
8725370	MECHANICAL DRAFT 11 Mechanical Drafting 11/Level 2	/Y	PA	1.0		
8725380	MECHANICAL DRAFT 12 Mechanical Drafting 12/Level 2	/Y	PA	1.0		
8725390	MECHANICAL DRAFT 13 Mechanical Drafting 13/Level 2	/Y	PA	1.0		
^a I480116	^a MECH DRAFTING Mechanical Drafting	30,31	/		DRAFTING @7 G BLDG CONST @7 G	TEC CONSTR @7 G TEC DRAFT @7 G
TDR0070	BLUEPRINT READER Blueprint Reader	/Y	PA	1.0		
TDR0370	DRAFTING ASST Drafting Assistant	/Y	VO	3.0		
TDR0770	DRAFTING DETAILER Drafting Detailer	/Y	PA	1.0		
TDR0771	MECH CAD DRAFTER 1 Mechanical CAD Drafter 1	/Y	PA	1.5		
TDR0772	MECH CAD DRAFTER 2 Mechanical CAD Drafter 2	/Y	PA	1.5		
TDR0773	DRAFTER, MECH 1 Drafter, Mechanical 1	/Y	PA	2.0		
TDR0774	DRAFTER, MECH 2 Drafter, Mechanical 2	/Y	PA	2.0		
8725500	STRUCT DRAFT Structural Drafting	9-12,30,31	/		BLDG CONST @7 G TEC DRAFT @7 G	DRAFTING @7 G TEC CONSTR @7 G
8725010	DRAFTING 1 Drafting 1/Level 2	/Y	PA	1.0		
8725020	DRAFTING 2 Drafting 2/Level 2	/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		

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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
8725550	STRUCT DRAFTING 5 Structural Drafting 5/Level 2	/Y	PA	1.0	
8725560	STRUCT DRAFTING 6 Structural Drafting 6/Level 2	/Y	PA	1.0	
8725570	STRUCT DRAFTING 7 Structural Drafting 7/Level 2	/Y	PA	1.0	
8725580	STRUCT DRAFTING 8 Structural Drafting 8/Level 2	/Y	PA	1.0	
8725590	STRUCT DRAFTING 9 Structural Drafting 9/Level 2	/Y	PA	1.0	
8725591	STRUCT DRAFTING 10 Structural Drafting 10/Level 2	/Y	PA	1.0	
8725592	STRUCT DRAFTING 11 Structural Drafting 11/Level 2	/Y	PA	1.0	
8725593	STRUCT DRAFTING 12 Structural Drafting 12/Level 2	/Y	PA	1.0	
^a I480113	^a STRUCT DRAFTING Structural Drafting	30,31	/		DRAFTING @7 G BLDG CONST @7 G TEC CONSTR @7 G TEC DRAFT @7 G
TDR0070	BLUEPRINT READER Blueprint Reader	/Y	PA	1.0	
TDR0370	DRAFTING ASST Drafting Assistant	/Y	VO	3.0	
TDR0870	DRAFTER, CARTOGRAPH Drafter, Cartographic	/Y	PA	2.0	
TDR0871	DRAFTER, CIVIL 1 Drafter, Civil 1	/Y	PA	2.0	
TDR0872	DRAFTER, CIVIL 2 Drafter, Civil 2	/Y	PA	2.0	
TDR0873	DRAFTER, STRUCTURAL Drafter, Structural	/Y	PA	2.0	
I150203	SURVEY & MAP TECH Surveying and Mapping Technology	30,31	/		TEC CONSTR ¶7 ¶G SURVEY @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	
I15020R	SUR & MAP TECH APPR Surveying and Mapping Technology - Apprenticeship	30,31	/		

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
----- CONSTRUCTION CAREER PATH (ACPB) -----					
8723000	A/C, REFG & HT TECH Air Conditioning, Refrigeration and Heating Technology	9-12,30,31 /		AC HEAT ME @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	
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	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	

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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
ACR0044	AC, REFG & HEAT TECH Air Conditioning, Refrigeration and Heating Technician	/Y	VO	2.0	
I14721R	AC,REFG &HT TECH-APP Air Conditioning, Refrigeration and Heating Technology - Apprenticeship	30,31	/		
C400100	AIR COND,REF,HEAT1 Air Conditioning, Refrigeration and Heating Technology 1	30,31	/		AC HEAT ME @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 Mechant 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	
I47021R	AIR COND,REF,HT-APPR Air Conditioning, Refrigeration and Heating Technology-Apprenticeship	30,31	/		
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	
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	

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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		CREDIT	CAREER AND TECHNICAL EDUCATION COURSES BY CAREER CLUSTER	
			GRADUATION REQUIREMENTS				
I463112	BRK & BLK MASONRY Brick and Block Masonry	30,31	/			BLDG CONST ¶7 ¶G TROWEL TR @7 G	TEC CONSTR ¶7 ¶G
BCV0330	MASONRY TENDER Masonry Tender		/Y	VO	3.0		
BCV0360	BRICKLAYER HELPER Bricklayer Helper		/Y	VO	2.0		
BCV0362	BRICKMASON 1 Brickmason 1		/Y	VO	3.0		
BCV0363	BRICKMASON 2 Brickmason 2		/Y	VO	3.0		
I46311R	BRK & BLK MAS - APPR Brick and Block Masonry - Apprenticeship	30,31	/				
I46312R	BRK & TILE MASON-APPR Brick and Tile Masonry - Apprenticeship	30,31	/				
8720300	BLDG CONST TECH Building Construction Technologies	9-12,30,31	/			BLDG CONST @7 G TROWEL TR @7 G PLUMBIN @7 G ELECTRICAL @7 G AC HEAT ME @7 G TEC CONSTR @7 G WOODWORKIN @4	BLDG MAINT @7 G CARPENTRY @7 G DRAFTING @7 G SHEETMETAL @7 G TEC DRAFT @7 G ENG 7 G
8720310	BLDG CONST TECH 1 Building Construction Technologies 1/Level 2		/Y	VO	1.0		
8720320	BLDG CONST TECH 2 Building Construction Technologies 2/Level 2		/Y	VO	1.0		
8720330	BLDG CONST TECH 3 Building Construction Technologies 3/Level 2		/Y	VO	1.0		
8720340	BLDG CONST TECH 4 Building Construction Technologies 4/Level 2		/Y	VO	1.0		
8720350	BLDG CONST TECH 5 Building Construction Technologies 5/Level 2		/Y	VO	1.0		
8720360	BLDG CONST TECH 6 Building Construction Technologies 6/Level 2		/Y	VO	1.0		

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA MEETING GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8720370	BLDG CONST TECH 7 Building Construction Technologies 7/Level 2	/Y	VO	1.0	
I460401	BLDG CONST TECH Building Construction Technologies	30,31	/		BLDG CONST @7 G TROWEL TR @7 G PLUMBIN @7 G ELECTRICAL @7 G AC HEAT ME @7 G TEC CONSTR @7 G WOODWORKIN @4
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	
I46040R	BLDG CONST TECH-APPR Building Construction Technologies - Apprenticeship	30,31	/		
8720100	CABINETMAKING Cabinetmaking	9-12,30,31	/		CAB WOODWK @7 G BLDG CONST @7 G
8722110	CARP & CAB MAKING 1 Carpentry and Cabinetmaking 1/Level 2	/Y	VO	1.0	
8722120	CARP & CAB MAKING 2 Carpentry and Cabinetmaking 2/Level 2	/Y	VO	1.0	
8722130	CARP & CAB MAKING 3 Carpentry and Cabinetmaking 3/Level 3	/Y	VO	1.0	
8720140	CABINETMAKING 4 Cabinetmaking 4/Level 2	/Y	VO	1.0	
8720150	CABINETMAKING 5 Cabinetmaking 5/Level 2	/Y	VO	1.0	
I480704	CABINETMAKING Cabinetmaking	30,31	/		CAB WOODWK @7 G BLDG CONST @7 G
BCV0107	CARPENTER HELPER Carpenter 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	
8722100	CARPENTRY Carpentry	9-12,30,31	/		CAB WOODWK @7 G BLDG CONST @7 G
					BLDG MAINT @7 G CARPENTRY @7 G DRAFTING @7 G SHEETMETAL @7 G TEC DRAFT @7 G ENG 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	CAREER AND TECHNICAL EDUCATION	
					CERTIFICATION	CERTIFICATION
8722110	CARP & CAB MAKING 1 Carpentry and Cabinetmaking 1/Level 2	/Y	VO	1.0		
8722120	CARP & CAB MAKING 2 Carpentry and Cabinetmaking 2/Level 2	/Y	VO	1.0		
8722130	CARP & CAB MAKING 3 Carpentry and Cabinetmaking 3/Level 3	/Y	VO	1.0		
8722140	CARP 4 Carpentry 4/Level 3	/Y	VO	1.0		
8722150	CARP 5 Carpentry 5/Level 3	/Y	VO	1.0		
8722160	CARP 6 Carpentry 6/Level 3	/Y	VO	1.0		
8722170	CARP 7 Carpentry 7/Level 3	/Y	VO	1.0		
I460202	CARPENTRY Carpentry	30,31	/		CAB WOODWK @7 G BLDG CONST @7 G	CARPENTRY @7 G TEC CONSTR @7 G
BCV0107	CARPENTER HELPER Carpenter Helper		/Y	VO	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	
I46020R	CARPENTRY - APPR Carpentry - Apprenticeship	30,31	/			
C510100	CARPENTRY 1 Carpentry 1	30,31	/		CAB WOODWK @7 G BLDG CONST @7 G	CARPENTRY @7 G TEC CONSTR @7 G
BCV0107	CARPENTER HELPER Carpenter Helper		/Y	VO	2.0	
BCV0111	TRIM & FINISH CARP Trim and Finish Carpenter		/Y	VO	2.0	
C510200	CARPENTRY 2 Carpentry 2	30,31	/		CAB WOODWK @7 G BLDG CONST @7 G	CARPENTRY @7 G TEC CONSTR @7 G
BCV0122	CARPENTER, ROUGH Carpenter, Rough		/Y	VO	3.0	
BCV0128	CARPENTER Carpenter		/Y	VO	1.0	
I460407	CMCL & INDUS INSUL Commercial and Industrial Insulation	30,31	/		TEC CONSTR ¶7 ¶G INSULAT @7 G	BLDG CONST ¶7 ¶G
BCV0190	INSULATION WORKER 1 Insulation worker 1		/Y	VO	2.5	

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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	CAREER AND TECHNICAL EDUCATION	
					CERTIFICATION	
BCV0191	INSULATION WORKER 2 Insulation worker 2	/Y	VO	2.5		
BCV0192	INSULATION WORKER 3 Insulation worker 3	/S	VO	2.5		
I46042R	CMCL&INDUSINSUL-APPR Commercial and Industrial Insulation - Apprenticeship	30,31 /				
8722600	CONCRETE MASONRY Concrete 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		
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		
8722660	MASONRY 6 Masonry 6/Level 2	/Y	VO	1.0		
I463113	CONCRETE MASONRY Concrete Masonry	30,31 /			BLDG CONST ¶7 ¶G TROWEL TR @7 G	TEC CONSTR ¶7 ¶G
BCV0330	MASONRY TENDER Masonry Tender	/Y	VO	3.0		
BCV0360	BRICKLAYER HELPER Bricklayer Helper	/Y	VO	2.0		
BCV0300	CONCRETE FINISHER Concrete Finisher	/Y	VO	1.0		
I460314	ELECTRICIAN Electrician	30,31 /			ELECTRICAL @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		
I46032R	ELECTRICIAN - APPR Electrician - Apprenticeship	30,31 /				
8727200	ELECTRICITY Electricity	9-12,30,31 /			ELECTRICAL @7 G	

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT	SUBJECT AREA		CERTIFICATION
			GRADUATION REQUIREMENTS			GRADUATION REQUIREMENTS		
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	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			
C60010R	ELEV CONST MECH-APPR Elevator Constructor Mechanic - Apprenticeship	9-12,30,31	/					
^a 8721800	^a FIRE SPRI SYS TECH Fire Sprinkler System Technology	9-12,30,31	/			PLUMBIN @7 G TEC CONSTR ¶7 ¶G		BLDG CONST ¶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			
8721830	FIRE SPRI SYS TECH 3 Fire Sprinkler System Technology 3/ Level 2		/Y	VO	1.0			
8721840	FIRE SPRI SYS TECH 4 Fire Sprinkler System Technology 4/ Level 2		/Y	VO	1.0			
8721850	FIRE SPRI SYS TECH 5 Fire Sprinkler System Technology 5/ Level 2		/Y	VO	1.0			

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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		CREDIT	SUBJECT AREA		CERTIFICATION
			GRADUATION REQUIREMENTS					
8721860	FIRE SPRI SYS TECH 6 Fire Sprinkler System Technology 6/ Level 2		/Y	VO	1.0			
8721870	FIRE SPRI SYS TECH 7 Fire Sprinkler System Technology 7/ Level 2		/Y	VO	1.0			
^a I460512	^a FIRE SPRI SYS TECH Fire Sprinkler System Technology	30,31	/			PLUMBIN @7 G TEC CONSTR ¶7 ¶G		BLDG CONST ¶7 ¶G
BCV0565	FIRE SPRINK INST HLP Fire Sprinkler Installer, Helper		/Y	VO	2.0			
BCV0566	FIRE SPRINK SYS IN 1 Fire Sprinkler System Installer 1		/Y	VO	2.5			
BCV0567	FIRE SPRINK SYS IN 2 Fire Sprinkler System Installer 2		/Y	VO	2.5			
I46051R	FIRE SPRI SYSS-APPR Fire Sprinkler System Technology- Apprenticeship	30,31	/					
I46041R	GLAZING - APPR Glazing - Apprenticeship	30,31	/					
8706300	INDUS ELECTR Industrial Electricity	9-12,30-31	/			ELECTRICAL @7 G		
8706310	INDUS ELECTR 1 Industrial Electricity 1/Level 2		/Y	VO	1.0			
8706320	INDUS ELECTR 2 Industrial Electricity 2/Level 2		/Y	VO	1.0			
8706330	INDUS ELECTR 3 Industrial Electricity 3/Level 2		/Y	VO	1.0			
8706340	INDUS ELECTR 4 Industrial Electricity 4/Level 2		/Y	VO	1.0			
8706350	INDUS ELECTR 5 Industrial Electricity 5/Level 2		/Y	VO	1.0			
8706360	INDUS ELECTR 6 Industrial Electricity 6/Level 2		/Y	VO	1.0			
I460313	INDUS ELECTR Industrial Electricity	30,31	/			ELECTRICAL @7 G		
BCV0603	ELECTRICIAN HELPER Electrician Helper		/Y	VO	2.0			
BCV0667	INDUST ELECTRICIAN Industrial Electrician		/Y	VO	2.0			
BCV0666	ELECTRICAL TECH Electrical Technician		/Y	VO	2.0			
I460514	INDUS PIPEFITTER Industrial Pipefitter	30,31	/			PLUMBIN @7 G TEC CONSTR ¶7 ¶G		BLDG CONST ¶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		CREDIT	SUBJECT AREA		CERTIFICATION
			GRADUATION REQUIREMENTS					
BCV0568	INDUST PIPEFIT HLP Industrial Pipefitter Helper	/Y	VO		2.0			
BCV0569	INDUST PIPEFITTER Industrial Pipefitter	/Y	VO		2.0			
I46053R	INDUS PIPEFIT-APPR Industrial Pipefitter - Apprenticeship	30,31	/					
8721500	PAINT & DECORATING Painting and Decorating	9-12,30,31	/			TEC CONSTR	¶7 ¶G	BLDG CONST ¶7 ¶G
8721510	PAINTING 1 Painting 1/Level 2	/Y	VO		1.0	PAINTING	@7 G	
8721520	PAINTING 2 Painting 2/Level 2	/Y	VO		1.0			
8721530	PAINT & DECORATING 3 Painting and Decorating 3/Level 2	/Y	VO		1.0			
8721540	PAINT & DECORATING 4 Painting and Decorating 4/Level 2	/Y	VO		1.0			
I460408	PAINT & DECORATING Painting and Decorating	30,31	/			TEC CONSTR	¶7 ¶G	BLDG CONST ¶7 ¶G
BCV0164	PAINT & PAPER HANG 1 Painter and Paper Hanger 1	/Y	VO		2.0	PAINTING	@7 G	
BCV0165	PAINT & PAPER HANG 2 Painter and Paper Hanger 2	/Y	VO		2.0			
I46043R	PAINT & DEC - APPR Painting and Decorating - Apprenticeship	30,31	/					
8723600	PLASTERING Plastering	9-12,30-31	/			TEC CONSTR	¶7 ¶G	BLDG CONST ¶7 ¶G
8723610	PLASTERING 1 Plastering 1/Level 2	/Y	VO		1.0	TROWEL TR	@7 G	
8723620	PLASTERING 2 Plastering 2/Level 2	/Y	VO		1.0			
8723630	PLASTERING 3 Plastering 3/Level 2	/Y	VO		1.0			
I460409	PLASTERING Plastering	30,31	/			TEC CONSTR	¶7 ¶G	BLDG CONST ¶7 ¶G
BCV0180	PLASTERER Plasterer	/Y	VO		3.0	TROWEL TR	@7 G	
I46044R	PLASTERING - APPR Plastering - Apprenticeship	30,31	/					
8721600	PLUMBING TECH Plumbing Technology	9-12,30,31	/			PLUMBIN	@7 G	BLDG CONST ¶7 ¶G
						TEC CONSTR	¶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
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	/		PLUMBIN @7 G TEC CONSTR ¶7 ¶G
BCV0508	HLP, PLUMB, PIPEFIT Helper, Plumber, Pipefitter	/Y	VO	2.0	
BCV0540	RES PLUMBER Residential Plumber	/Y	VO	2.0	
BCV0562	COMM PLUMBER Commercial Plumber	/Y	VO	2.0	
BCV0592	PLUMBER Plumber	/Y	VO	1.0	
I46052R	PLUMBING TECH-APPR Plumbing Technology - Apprenticeship	30,31	/		
I470202	REFG TECH Refrigeration Technology	30,31	/		AC HEAT ME @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 Mechant	/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	
ACR0045	REFRIGERATION MECH Refrigeration Mechanic	/Y	VO	2.0	

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSE MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
I47020R	REFG TECH - APPR Refrigeration Technology - Apprenticeship	30,31	/		
I460410	ROOFING Roofing	30,31	/		TEC CONSTR ¶7 ¶G ROOFING @7 G
BCV0144	ROOFER Roofer		/Y VO	3.0	
I46045R	ROOFING - APPR Roofing - Apprenticeship	30,31	/		
8140300	SMART HOMES/MOB ELEC Smart Homes/Mobile Electronics Technology	9-12,30,31	/		SM HM/MET 7 G ELECTRONIC @7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8140310	SMART HOMES TECH 1 Smart Homes Technology 1, Level 2		/ VO	1.0	
8140320	SMART HOMES TECH 2 Smart Homes Technology 2, Level 2		/ VO	1.0	
8140330	SMART HOMES TECH 3 Smart Homes Technology 3, Level 2		/ VO	1.0	
8140340	MOBILE ELECT TECH 4 Mobile Electronics Technology 4, Level 2		/ VO	1.0	
C400300	SMART HOMES/MOB ELEC Smart Homes/Mobile Electronics Technology	30,31	/		SM HM/MET 7 G ELECTRONIC @7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
EEV0710	INSTALLATION ASST. Installation Assistant		/ VO	1.0	
EEV0711	LEVEL 1 INSTALLER Level 1 Installer		/ VO	1.0	
EEV0712	LEVEL 2 INSTALLER Level 2 Installer		/ VO	1.0	
EEV0713	MOBILE ELECT TECH Mobile Electronics Technician		/ VO	1.0	
I480519	STRUCT STEEL WORK Structural Steel work	30,31	/		TEC CONSTR ¶7 ¶G STRL STEEL @7 G
PMT0061	REINFORCING STEEL WK Reinforcing Steel worker		/Y VO	2.0	
PMT0062	ORNAMENTAL STEEL WKR Ornamental Steel worker		/Y VO	2.0	
PMT0063	CERT STRUCT STL WKR Certified Structural steel worker		/Y VO	2.0	
PMT0064	STRUCTURAL STEEL WKR Structural Steel worker		/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	CAREER AND TECHNICAL EDUCATION	
			GRADUATION REQUIREMENTS			CERTIFICATION	
I48051R	STRUCT ST WK-APPR Structural Steel Worker - Apprenticeship	30,31	/				
8723100	TILE SETTING Tile Setting	9-12,30,31	/			TEC CONSTR ¶7 ¶G BLDG CONST ¶7 ¶G	TILE SET @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	/			TEC CONSTR ¶7 ¶G BLDG CONST ¶7 ¶G	TILE SET @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		
I46010R	TILE SETTING - APPR Tile Setting - Apprenticeship	30,31	/				
MAINTENANCE/OPERATIONS CAREER PATH (ACPC)							
I46031R	Line Erector-APPR Line Erector - Apprenticeship	30,31	/				
I460499	ROADWAY TECH Roadway Technician	30,31	/			ROAD CONST 7 G	
ETC0590	ROADWAY TECH I Roadway Technician I		/Y	VO	1.5		
ETC0591	ROADWAY TECH II Roadway Technician II		/Y	VO	1.5		
I46049R	ROADWAY TECH-APPR Roadway Technician- Apprenticeship	30,31	/				
I46993R	SWIM POOL MAINT-APPR Swimming Pool Maintenance - Apprenticeship	30,31	/				
SUPPLEMENTAL PROGRAMS							
8130300	FUND OF ARCH & CONST Fundamentals of Architecture and Construction	6-8	/Y	VO		TEC ED 1 @2 BLDG MAINT @7 G	BLDG CONST @7 G DRAFTING @7 G

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
I469999	^a INDUS COOP ED-OJT [®] ARCH & CONST OJT ^a Industrial Cooperative Education - OJT [®] Architecture and Construction Cooperative Education OJT	30,31 /			SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8700400	^a INDUS COOP ED-OJT [®] ARCH & CONSTRC OJT ^a Industrial Cooperative Education- OJT [®] Architecture and Construction Cooperative Education - OJT	9-12,30,31 /M	VO	MULTIPLE	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8700100	^a INDUS ED DIR STUDY [®] ARCH & CONST DIRECT ^a Industrial Education Directed Study [®] Architecture and Construction Directed Study	11-12,30,31/M	VO	MULTIPLE	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
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 Construction	6-8 /S	VO	MULTIPLE	TEC ED 1 @2 BLDG MAINT @7 G BLDG CONST @7 G DRAFTING @7 G
✕8109360	INTRO ARCH & CONS/CP Introduction to Architecture and Construction and Career Planning	6-8 /S	VO	MULTIPLE	TEC ED 1 @2 BLDG MAINT @7 G BLDG CONST @7 G DRAFTING @7 G

ARTS, A/V TECHNOLOGY & COMMUNICATION CAREER CLUSTER

AUDIO/VIDEO TECHNOLOGY & FILM CAREER PATH (ARPA)

8772300	DIG AUD PROD Digital Audio Production	9-12,30,31 /			TEC ELEC 17 1G TEC ED 1 @2	TV PRO TEC @7 G
8772310	DIG AUD PROD 1 Digital Audio Production 1/Level 2	/Y	PA	1.0		
8772320	DIG AUD PROD 2 Digital Audio Production 2/Level 2	/Y	PA	1.0		

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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
8772330	DIG AUD PROD 3 Digital Audio Production 3/Level 2	/Y	PA	1.0	
8772340	DIG AUD PROD 4 Digital Audio Production 4/Level 2	/Y	PA	1.0	
8772350	DIG AUD PROD 5 Digital Audio Production 5/Level 2	/Y	PA	1.0	
8772360	DIG AUD PROD 6 Digital Audio Production 6/Level 2	/Y	PA	1.0	
8772370	DIG AUD PROD 7 Digital Audio Production 7/Level 2	/Y	PA	1.0	
I100230	DIG AUD PROD Digital Audio Production	30,31	/		TEC ELEC 17 1G TEC ED 1 @2
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	
RTT0525	BROADCAST TECH Broadcast Technician	/Y	PA	2.0	
8201000	DIG CINEMA PROD Digital Cinema Production	9-12,30,31	/		TV PRO TEC @7 G TEC ED 1 @2
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	
8K100100	DIG CINEMA PROD Digital Cinema Production	30,31	/		TV PRO TEC @7 G TEC ED 1 @2
FIL0085	VIDEO PROD MGR Video Production Manager	/Y	VO	2.0	
FIL0086	GRIP & LIGHT TECH Grip and Lighting Technician	/Y	VO	1.0	

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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		CREDIT	CERTIFICATION
			GRADUATION REQUIREMENTS			
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	
8772400	DIG VID PROD Digital Video Production	9-12,30,31 /				TV PRO TEC @7 G TEC ED 1 @2
8772410	DIG VID PROD 1 Digital Video Production 1/Level 2	/Y	PA		1.0	
8772420	DIG VID PROD 2 Digital Video Production 2/Level 2	/Y	PA		1.0	
8772430	DIG VID PROD 3 Digital Video Production 3/Level 2	/Y	PA		1.0	
8772440	DIG VID PROD 4 Digital Video Production 4/Level 2	/Y	PA		1.0	
8772450	DIG VID PROD 5 Digital Video Production 5/Level 2	/Y	PA		1.0	
8772460	DIG VID PROD 6 Digital Video Production 6/Level 2	/Y	PA		1.0	
8772470	DIG VID PROD 7 Digital Video Production 7/Level 2	/Y	PA		1.0	
8772480	DIG VID PROD 8 Digital Video Production 8/Level 2	/Y	PA		1.0	
8772490	DIG VID PROD 9 Digital Video Production 9/Level 2	/Y	PA		1.0	
8772491	DIG VID PROD 10 Digital Video Production 10/Level 2	/Y	PA		1.0	
I100240	DIG VID PROD Digital Video Production	30,31 /				TV PRO TEC @7 G TEC ED 1 @2
RTT0530	DIG 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	

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8772200	FILM PDCT EQ OPERAT Film Production Equipment Operations	9-12,30,31 /			TV PRO TEC @7 G TEC ELEC @7 G
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 /			TV PRO TEC @7 G TEC ELEC @7 G
FIL0080	SET BLD/PROP MAKER Set Builder/Prop Maker	/Y	PA	2.0	
FIL0081	SOUND EQUIP OP Sound Equipment Operator	/Y	VO	1.5	
FIL0082	GRIPS & LIGHTING EQ Grips and Lighting Equipment Operator	/Y	VO	2.5	

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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	
FIL0083	EDITING EQUIP OP Editing Equipment Operator	/Y	VO	2.5		
FIL0084	CAMERA ASST Camera Assistant	/Y	VO	2.5		
8718100	3-D ANIMATION TECH 3-D Animation Technology	9-12,30,31 /			COMM ART @7 G COMPU SCI 6 TEC ELEC \$7 G	BUS ED 1 @2 TV PRO TEC @7 G ELECT DP @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 /			COMM ART @7 G COMPU SCI 6 TEC ELEC \$7 G	BUS ED 1 @2 TV PRO TEC @7 G ELECT DP @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	INDUS COMM Industrial Communications/Level 2	/Y	PA	1.0		

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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		CREDIT	CAREER AND TECHNICAL EDUCATION	
			GRADUATION REQUIREMENTS			CERTIFICATION	
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		
I100114	RADIO BROADCASTING Radio Broadcasting	30,31	/			TEC ELEC	¶7 ¶G TV PRO TEC @7 G
RTT0502	RADIO BOARD OPERATOR Radio Board Operator	/Y	VO		1.0		
RTT0504	RADIO PROD ASST Radio Production Assistant	/Y	VO		1.0		
RTT0506	RADIO NEWS ASST Radio News Assistant	/Y	VO		1.0		
RTT0508	RADIO PRODUCER Radio Producer	/Y	VO		1.0		
RTT0510	BROADCAST NEWS ANAL Broadcast News Analyst	/Y	VO		1.0		
RTT0512	RADIO TRAFFIC CLERK Radio Traffic Clerk	/Y	VO		1.0		
8772100	TV PRODUCTION Television Production	9-12,30,31	/			TV PRO TEC @7 G TEC ED 1 @2	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		
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		

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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	
8772192	TV PRODUCTION 11 Television Production 11/Level 3	/Y	VO	1.0		
I100104	TV PRODUCTION Television Production	30,31 /			TEC ELEC TEC ED	17 1G 1 @2 TV PRO TEC @7 G
RTT0514	STUDIO ASST Studio Assistant	/Y	PA	3.0		
RTT0516	STUDIO TECH Studio Technician	/Y	VO	3.0		
RTT0518	STUDIO TECH/EDIT AS Studio Technician/Edit Assistant	/Y	PA	3.0		
RTT0520	TV PROD/EDIT TECH Television Production/Edit Technician	/Y	VO	2.0		

PRINTING TECHNOLOGY CAREER PATH (ARPD)

I480205	DIGITAL PRINT TECH Digital Printing Technology	30,31 /			PRINTING	@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		
8739000	PRINT & GRAPHIC COMM Printing and Graphic Communications	9-12,30,31 /			PRINTING	@7 G
8739010	PRINT & GRAPHS COMM1 Printing and Graphic Communications 1/Level 2	/Y	PA	1.0		
8739020	PRINT & GRAPHS COMM2 Printing and Graphic Communications 2/Level 2	/Y	PA	1.0		
8739030	PRINT & GRAPHS COMM3 Printing and Graphic Communications 3/Level 2	/Y	PA	1.0		
8739040	PRINT & GRAPHS COMM4 Printing and Graphic Communications 4/Level 3	/Y	PA	1.0		
8739050	PRINT & GRAPHS COMM5 Printing and Graphic Communications 5/Level 3	/Y	PA	1.0		

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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		CREDIT	CERTIFICATION
			GRADUATION REQUIREMENTS			
8739060	PRINT & GRAPHS COMM6 Printing and Graphic Communications 6/Level 3		/Y	PA	1.0	
8739070	PRINT & GRAPHS COMM7 Printing and Graphic Communications 7/Level 3		/Y	PA	1.0	
8739080	PRINT & GRAPHS COMM8 Printing and Graphic Communications 8/Level 3		/Y	PA	1.0	
8739090	PRINT & GRAPHS COMM9 Printing and Graphic Communications 9/Level 3		/Y	VO	1.0	
8739091	PRINT & GRAPHS COMM10 Printing and Graphic Communications 10/Level 3		/Y	VO	1.0	
8739092	PRINT & GRAPHS COMM11 Printing and Graphic Communications 11/Level 3		/Y	VO	1.0	
8739093	PRINT & GRAPHS COMM12 Printing and Graphic Communications 12/Level 3		/Y	VO	1.0	
I480201	PRINT & GRAPHS COMM Printing and Graphic Communications	30,31	/			PRINTING @7 G
GRA0012	COPY CENTER TECH Copy Center Technician		/Y	PA	3.0	
GRA0013	PROCESS CAMERA OP Process Camera Operator		/Y	PA	2.0	
GRA0014	LAYOUT DSN/PLANNER Layout Designer/Planner		/Y	PA	3.0	
GRA0015	DUPLICATOR OPERATOR Duplicator Operator		/Y	VO	3.0	
GRA0016	GEN BINDERY WORKER General Bindery worker		/Y	VO	1.0	
TELECOMMUNICATIONS CAREER PATH (ARPE)						
I470103	COMM ELECTRONICS Communication Electronics	30,31	/			TEC ELEC @7 G ELECTRONIC @7 G
EEV0010	ELECTRONICS ASMBR Electronics Assembler		/Y	VO	2.0	
EEV0100	ELECTRONICS TESTER Electronics Tester		/Y	VO	3.0	

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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	CAREER AND TECHNICAL EDUCATION		
					CERTIFICATION		
EEV0500	ELECT EQUIP RPR Electronics Equipment Repairer		/Y VO	2.5			
EEV0616	ELECTRONICS TECH Electronics Technician		/Y VO	3.0			
EEV0311	ELECTR RADIO TECH Electronics Radio Technician		/Y VO	2.0			
EEV0312	COMMUNICATION TECH Communication Technician		/Y VO	2.0			
EEV0401	ELECTRONICS SPEC Electronics Specialist		/Y VO	2.0			
EEV0316	DATA COMM TECH Data Communication Technician		/Y VO	2.0			
8730200	TELECOM TECH Telecommunications Technology	9-12,30,31 /			COMP SVC BUS MACH TELCOM	@7 G @7 G 7 G	ELECTRONIC @7 G ELECTRICAL @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 /			COMP SVC BUS MACH TELCOM	@7 G @7 G 7 G	ELECTRONIC @7 G ELECTRICAL @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			
I47034R	TELECOM TECH - APPR Telecommunications Technology - Apprenticeship	30,31 /					
I470305	WIRELESS TELE Wireless Telecommunications	30,31 /			TELCOM	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
CTS0004	CPT SUPPORT TECH Computer Support Technician	/Y	VO	1.0	
EEV0505	CPT SUPPORT SPEC Computer Support Specialist	/Y	VO	2.0	
CTS0006	NETWORK SYSTEMS TECH Network Systems Technician	/Y	VO	1.0	
CTS0007	NETWORK SPECIALIST Network Specialist	/Y	VO	2.0	
CTS0008	NETWORK ADMIN Network Administrator	/Y	VO	2.0	
CTS0009	WIRELESS TELE ADM Wireless Telecommunications Administrator	/Y	VO	2.0	

VISUAL ARTS CAREER PATH (ARPF)

8718000	COMMERCIAL ART TECH Commercial Art Technology	9-12,30,31 /			COMM ART @7 G
8718010	CMCL ART TECH 1 Commercial Art Technology 1/Level 2	/Y	PA	1.0	
8718020	CMCL ART TECH 2 Commercial Art Technology 2/Level 2	/Y	PA	1.0	
8718030	CMCL ART TECH 3 Commercial Art Technology 3/Level 2	/Y	PA	1.0	
8718040	CMCL ART TECH 4 Commercial Art Technology 4/Level 2	/Y	PA	1.0	
8718050	CMCL ART TECH 5 Commercial Art Technology 5/Level 2	/Y	PA	1.0	
8718060	CMCL ART TECH 6 Commercial Art Technology 6/Level 2	/Y	PA	1.0	
8718070	CMCL ART TECH 7 Commercial Art Technology 7/Level 2	/Y	PA	1.0	
8718080	CMCL ART TECH 8 Commercial Art Technology 8/Level 2	/Y	PA	1.0	
8718090	CMCL ART TECH 9 Commercial Art Technology 9/Level 2	/Y	PA	1.0	
8718091	CMCL ART TECH 10 Commercial Art Technology 10/Level 2	/Y	PA	1.0	
I480203	COMMERCIAL ART TECH Commercial Art Technology	30,31 /			COMM ART @7 G
GRA0036	DESKTOP PUB ASST Desktop Publishing Assistant	/Y	PA	3.0	

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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		CREDIT	CERTIFICATION
			GRADUATION REQUIREMENTS			
GRA0037	DESIGN TECH Design Technician		/Y	PA	3.0	
GRA0038	ILLUSTRATOR Illustrator		/Y	PA	2.0	
GRA0039	PRINT MEDIA ARTIST Print Media Artist		/Y	PA	2.0	
K600100	CMCL ART TECH 1 Commercial Art Technology 1	30,31	/			COMM ART @7 G
GRA0036	DESKTOP PUB ASST Desktop Publishing Assistant		/Y	PA	3.0	
GRA0037	DESIGN TECH Design Technician		/Y	PA	3.0	
K600200	CMCL ART TECH 2 Commercial Art Technology 2	30,31	/			COMM ART @7 G
GRA0038	ILLUSTRATOR Illustrator		/Y	PA	2.0	
GRA0039	PRINT MEDIA ARTIST Print Media Artist		/Y	PA	2.0	
8772000	CMCL PHOTO TECH Commercial Photography Technology	9-12,30,31	/			PHOTOG @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	

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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
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 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 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 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	

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8209600	DIGITAL DESIGN Digital Design	9-12,30,31 /			BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G SECRETAR @7 G TEC ELEC \$7 G COMM ART @7 VOE @7 BUS DP @7 G CLERICAL @7 G STENOG @4 @7 G COMPU SCI 6 @2 PRINTING 7 G
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO	0.5	
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO	0.5	
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	PA	1.0	
8207310	INTROD TO INFO TECH Introduction to Information Technology/Level 2	/Y	PA	1.0	
8209510	DIGITAL DESIGN 1 Digital Design 1/Level 2	/Y	PA	1.0	
8209520	DIGITAL DESIGN 2 Digital Design 2/Level 3	/Y	PA	1.0	
8209530	DIGITAL DESIGN 3 Digital Design 3/Level 3	/Y	PA	1.0	
8209540	DIGITAL DESIGN 4 Digital Design 4/Level 3	/Y	PA	1.0	
8209550	DIGITAL DESIGN 5 Digital Design 5/Level 3	/Y	PA	1.0	
8209560	DIGITAL DESIGN 6 Digital Design 6/Level 3	/Y	PA	1.0	
8209570	DIGITAL DESIGN 7 Digital Design 7/Level 3	/Y	PA	1.0	
B070600	DIGITAL DESIGN Digital Design	30, 31 /			BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G SECRETAR @7 G TEC ELEC \$7 G COMM ART @7 VOE @7 BUS DP @7 G CLERICAL @7 G STENOG @4 @7 G COMPU SCI 6 @2 PRINTING 7 G
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA	1.0	
GRA0024	PRODUCTION ASST Production Assistant	/Y	PA	1.0	

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSE MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CAREER AND TECHNICAL EDUCATION	
					CERTIFICATION	
GRA0025	DIGITAL ASST DSN Digital Assistant Designer	/Y	PA	2.0		
GRA0026	GRAPHIC DESIGNER Graphic Designer	/Y	PA	2.0		
GRA0027	MEDIA DESIGNER Media Designer	/Y	PA	2.0		
K700100	DIGITAL DESIGN 1 Digital Design 1	30, 31	/		BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G SECRETAR @7 G TEC ELEC \$7 G COMM ART @7	VOE @7 BUS DP @7 G CLERICAL @7 G STENOG @4 @7 G COMPU SCI 6 @2 PRINTING 7 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 Digital Assistant Designer	/Y	PA	2.0		
K700200	DIGITAL DESIGN 2 Digital Design 2	30, 31	/		BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G SECRETAR @7 G TEC ELEC \$7 G COMM ART @7	VOE @7 BUS DP @7 G CLERICAL @7 G STENOG @4 @7 G COMPU SCI 6 @2 PRINTING 7 G
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	/		HME EC OCC ¢7 FAM CON SC 1 TEC ED 1 @2 TAILORING ¢7	HOMEMAKING ¢2 ¢7 GEN HME EC @2 @4 APPRL MFG ¢7 @7 G
8506405	DES SERS 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 2	/Y	PA	1.0		
8506430	FASH DSN SPEC Fashion Design Specialist/Level 3	/Y	PA	1.0		

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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	COURSE MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
V200400	FASH TECH & DSN SERS Fashion Technology and Design Services	30,31	/		FAM CON SC 1 HME EC OCC #7 @7 G APPRL MFG #7 @7 G TAILORING #7 G GEN HME EC @2 HOMEMAKING #7 #2 @7 G TEC ED 1 @2
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	
8521040	INT DECOR FAB Interior Decor Fabrication	9-12,30,31	/		HOMEMAKING #7 @2 @7 G FAM CON SC 1 INT DEC 7 G HME EC OCC #7 @7 G GEN HME EC @2
8521041	INTROD INT DECR FAB1 Introduction to Interior Decor Fabrication 1/Level 2		/Y VO	1.0	
8521042	INTROD INT DECR FAB2 Introduction to Interior Decor Fabrication 2/Level 2		/Y VO	1.0	
8521043	INTROD INT DECR FAB3 Introduction to Interior Decor Fabrication 3/Level 2		/Y PA	1.0	
V200505	INTERIOR DECOR FAB Interior Decor Fabrication	30,31	/		HOMEMAKING #7 @2 @7 G FAM CON SC 1 INT DEC 7 G HME EC OCC #7 @7 G GEN HME EC @2
HEV0420	SEW MACH OP, NONGARM Sewing Machine Operator, Nongarment		/Y VO	3.0	
HEV0450	DRAPERY OPERATOR Drapery Operator		/Y VO	1.0	
HEV0451	DRAPERY SUPR Drapery Supervisor		/Y PA	3.0	
V200600	INT DECORATING SERS Interior Decorating Services	30,31	/		HOMEMAKING #7 @2 @7 G HME EC OCC #7 @7 G INT DEC 7 G GEN HME EC @2 FAM CON SC 1
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	

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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
HEV0413	INT DEC/INT DEC CONS Interior Decorator/Interior Decorating Consultant	/Y	VO	1.0	
8506500	INT DESIGN SERS Interior Design Services	9-12,30,31 /			HME EC OCC 47 FAM CON SC 1 TAILORING 47 INT DES 7 G HOMEMAKING @2 47 GEN HME EC @2 APPRL MFG 47 @7 G TEC ED 1 @2
8506405	DES SERS 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 DSN TECNQS Interior Design Techniques/Level 2	/Y	PA	1.0	
8506560	INT DSN SPEC Interior Design Specialist/Level 3	/Y	PA	1.0	
V200500	INT DESIGN SERS Interior Design Services	30,31 /			FAM CON SC 1 TEC ED 1 @2 TAILORING 47 @7 G INT DEC 7 G VOC HM EC @2 @4 GEN HME EC @2 HME EC OCC 47 @7 G APPRL MFG 47 @7 G HOMEMAKING 47 42 @7 G
HEV0010	RETAIL SALES Retail Sales	/Y	PA	1.0	
HEV0410	INTERIOR DESIGN ASST Interior Design Assistant	/Y	PA	1.0	
HEV0416	DRAFTER Drafter	/Y	PA	1.0	
HEV0414	INTERIOR DESIGN SPEC Interior Design Specialist	/Y	PA	1.0	
V200700	SEW TEC & SERS Sewing Technology and Services	30,31 /			TAILORING 47 @7 G GEN HME EC @2 APPRL MFG 47 @7 G HOMEMAKING 47 @2 @7 G TEC ED 1 @2 HME EC OCC 47 @7 G FAM CON SC 1
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	

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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	TEACH CDE @7 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 SPECLIZ TC \$7
✕K609999	ARTS, A/V - OJT Arts, A/V Technology and Communication Cooperative Education- OJT	30,31 /			TEACH CDE @7 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 SPECLIZ TC \$7
✕8200400	ARTS, A/V DIR STUDY Arts, A/V Technology and Communication Direct Study	1112,30,31 /M	VO	MULTIPLE	ANY VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER 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
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		ANY VOCATIONAL FIELD OR COVERAGE
✕8260400	FUND OF TELECOMM Fundamentals of Telecommunications	6-8 /S	VO		ANY VOCATIONAL FIELD OR COVERAGE
✕8260500	FUND OF VIS & PA Fundamentals of Visual and Performing Arts	6-8 /S	VO		ANY VOCATIONAL FIELD OR COVERAGE
✕8209350	INTRO ARTS, A/V Introduction to Arts, A/V Technology and Communication	6-8 /S	VO	MULTIPLE	BUS ED 1 @2 TEACH CBE @7 SECRETAR @7 G COMM ART @7 VOE @7 TV PRO TECH 7G COMP SCI 6 @2 PRINT 7G
✕8209360	INTRO ARTS, A/V Introduction to Arts, A/V Technology and Communication/Career Planning	6-8 /S	VO	MULTIPLE	BUS ED 1 @2 TEACH CBE @7 SECRETAR @7 G COMM ART @7 VOE @7 TV PRO TECH 7G COMP SCI 6 @2 PRINT 7G

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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
----- BUSINESS MANAGEMENT & ADMINISTRATIVE CAREER CLUSTER -----					
MANAGEMENT CAREER PATH (BAPA) -----					
8215200	BUSINESS SUPV & MGMT Business Supervision and Management	9-12,30,31 /			BUS ED 1 @2 VOE @7 MANAG SUPV @7 G TEACH CBE @7 BOOKKEEPIN @4 @7 G
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO	0.5	
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO	0.5	
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	PA	1.0	
8207310	INTROD TO INFO TECH Introduction to Information Technology/Level 2	/Y	PA	1.0	
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 SUPV 1 Business Supervision 1/Level 2	/Y	VO	1.0	
8215150	BUS SUPV 2 Business Supervision 2/Level 2	/Y	VO	1.0	
8215160	BUS SUPV 3 Business Supervision 3/Level 2	/Y	VO	1.0	
B060200	BUSINESS SUPV & MGMT Business Supervision and Management	30, 31 /			BUS ED 1 @2 VOE @7 MANAG SUPV @7 G TEACH CBE @7 BOOKKEEPIN @4 @7 G
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	

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT	SUBJECT AREA		CERTIFICATION
			GRADUATION REQUIREMENTS					
8217100	PROMOTIONAL ENT Promotional Enterprise	9-12,30,31 /				BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G SECRETAR @7 G TEC ELEC \$7 G COMM ART @7 G	VOE @7 BUS DP @7 G CLERICAL @7 G STENOG @4 @7 COMPU SCI 6	
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO	0.5				
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO	0.5				
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	PA	1.0				
8207310	INTROD TO INFO TECH Introduction to 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 DSN 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 ED 1 @2 TEACH CBE @7 ELECT DP @7 G SECRETAR @7 G TEC ELEC \$7 G COMM ART @7 G	VOE @7 BUS DP @7 G CLERICAL @7 G STENOG @4 @7 COMPU SCI 6	
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA	1.0				

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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
GRA0079	CUS PROMO DSN MGR Custom Promotional Design Manager	/Y	PA	2.0	
MNA0081	FIRST LINE SUPR First Line Supervisor	/Y	VO	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	
BUSINESS FINANCIAL MANAGEMENT CAREER PATH (BAPB)					
8302100	ACCT APPS Accounting Applications	9-12,30,31 /			BUS ED 1 @2 VOE @7 BOOKKEEPIN @4 @7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE TEACH CBE @7 ACCTING @7 G
8200320	KEYBD & BUS SK & Keyboarding and Business skills/ Level 2 AND	/S	VO	0.5	
8200330	CPT & BUS SK OR Computer and Business skills/Level 2 OR	/S	VO	0.5	
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	PA	1.0	
8207310	INTROD TO INFO TECH Introduction to Information Technology/Level 2	/Y	PA	1.0	
8203310	ACCT APPL 1 Accounting Applications 1/Level 3	/Y	VO	1.0	
8203320	ACCT APPL 2 Accounting Applications 2/Level 3	/Y	VO	1.0	
8203330	ACCT APPL 3 Accounting Applications 3/Level 3	/Y	VO	1.0	
^a 8203400	^a ACCT OPS Accounting Operations	9-12,30,31 /			BUS ED 1 @2 VOE @7 BOOKKEEPIN @4 @7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE TEACH CBE @7 ACCTING @7 G
8200320	KEYBD & BUS SK & Keyboarding and Business skills/ Level 2 AND	/S	VO	0.5	
8200330	CPT & BUS SK OR Computer and Business skills/Level 2 OR	/S	VO	0.5	

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8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	PA	1.0	
8207310	INTROD TO INFO TECH Introduction to Information Technology/Level 2	/Y	PA	1.0	
8203310	ACCT APPL 1 Accounting Applications 1/Level 3	/Y	VO	1.0	
8203320	ACCT APPL 2 Accounting Applications 2/Level 3	/Y	VO	1.0	
8203330	ACCT APPL 3 Accounting Applications 3/Level 3	/Y	VO	1.0	
8203340	ACCT APPL 4 Accounting Applications 4/Level 3	/Y	VO	1.0	
8203350	ACCT APPL 5 Accounting Applications 5/Level 3	/Y	VO	1.0	
B070110	ACCT OPS Accounting Operations	30, 31 /			BUS ED 1 @2 VOE @7 BOOKKEEPIN @4 @7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE TEACH CBE @7 ACCTING @7 G
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA	1.0	
ACO0040	ACCOUNTING CLERK Accounting Clerk	/Y	VO	2.0	
ACO0041	ACCOUNTING ASSC Accounting Associate	/Y	VO	2.0	
ACO0042	ACCOUNTING ASST Accounting Assistant	/Y	VO	1.0	

BUSINESS ANALYSIS CAREER PATH (BAPD)

8216100	INTL BUSINESS International Business	9-12,30,31 /			BUS ED 1 @2 VOE @7 BOOKKEEPIN @4 @7 G TEACH CBE @7 MANAG SUPV @7 G
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO	0.5	
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO	0.5	
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	PA	1.0	

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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	CAREER AND TECHNICAL EDUCATION	
8207310	INTROD TO INFO TECH Introduction to Information Technology/Level 2	/Y	PA	1.0		
8203310	ACCT APPL 1 Accounting Applications 1/Level 3	/Y	VO	1.0		
8216110	INTL BUS SYSS 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	INTL BUSINESS International Business	30,31	/		BUS ED 1 @2 VOE @7 BOOKKEEPIN @4 @7 G	TEACH CBE @7 MANAG SUPV @7 G
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		

MARKETING & COMMUNICATIONS CAREER PATH (BAPE)

8200300	ELEC BUSINESS ENTERP Electronic Business Enterprise	9-12,30,31 /			BUS ED 1 @2 ELECT DP @7 G	BUS DP @7
8207310	INTROD TO INFO TECH Introduction to 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 ED 1 @2 ELECT DP @7 G	BUS DP @7
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA	1.0		

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			GRADUATION REQUIREMENTS			
MNA0830	E-COMM CUST SER REP E-Commerce Customer Service Representative	/Y	PA		1.0	
MNA0831	E-COMMERCE ENTREP E-Commerce Entrepreneur	/Y	PA		1.0	
MNA0832	E-COMM WEB ASST E-Commerce Web Assistant	/Y	VO		1.0	
----- ADMINISTRATIVE & INFORMATION SUPPORT CAREER PATH (BAPF) -----						
8212500	ADM OFFICE SPEC Administrative Office Specialist	9-12,30,31 /				BUS ED 1 @2 VOE @7 SECRETAR @7 G STENOGR @4 @7 TEACH CBE @7 CLERICAL @7 G MANAG SUPV @7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO		0.5	
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO		0.5	
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	PA		1.0	
8207310	INTROD TO INFO TECH Introduction to 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	

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					CERTIFICATION	
8212160	BUS SOFTWARE APPL 2 Business Software Applications 2/ Level 2	/Y	VO	1.0		
B070330	ADM OFFICE SPEC Administrative Office Specialist	30, 31 /			BUS ED 1 @2 VOE @7 SECRETAR @7 G STENO @4 @7 SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE ADMIN ASST 7 G	TEACH CBE @7 CLERICAL @7 G MANAG SUPV @7 G
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	VO	1.0		
OTA0043	^a ADMINISTRATIVE ASST [®] ADMIN OFFICE SPEC ^a Administrative Assistant [®] Administrative Office Specialist	/Y	VO	3.0		
8200200	COURT RPT Court Reporting	9-12,30,31 /			BUS ED 1 @2 VOE @7 STENO @4 @7	TEACH CBE @7 SECRETAR @7 G
8209020	CPT FOR COLG & CAR Computing for College and Careers/ 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		

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			GRADUATION REQUIREMENTS						
B070602	COURT RPT Court Reporting	30,31	/			BUS ED VOE STENOG	1 @2 @7 @4 @7	TEACH CBE @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 TRANIII Court Reporting Transcriptionist III		/Y	VO	1.0				
OTA0047	COURT REPORT SCOPIST Court Reporting Scopist		/Y	VO	4.0				
OTA0048	COURT RPT 1 Court Reporter 1		/Y	VO	2.5				
OTA0049	COURT RPT 2 Court Reporter 2		/Y	VO	2.5				
OTA0051	COURT RPT 3 Court Reporter 3		/Y	VO	2.5				
OTA0052	COURT RPT 4 Court Reporter 4		/Y	VO	2.5				
B700500	COURT RPT 1 Court Reporting 1	30,31	/			BUS ED VOE STENOG	1 @2 @7 @4 @7	TEACH CBE @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 TRANIII Court Reporting Transcriptionist III		/Y	VO	1.0				
B700600	COURT RPT 2 Court Reporting 2	30,31	/			BUS ED VOE STENOG	1 @2 @7 @4 @7	TEACH CBE @7 SECRETAR @7	G
OTA0047	COURT REPORT SCOPIST Court Reporting Scopist		/Y	VO	4.0				
B700700	COURT RPT 3 Court Reporting 3	30,31	/			BUS ED VOE STENOG	1 @2 @7 @4 @7	TEACH CBE @7 SECRETAR @7	G
OTA0048	COURT RPT 1 Court Reporter 1		/Y	VO	2.5				

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					CERTIFICATION	
OTA0049	COURT RPT 2 Court Reporter 2	/Y	VO	2.5		
OTA0051	COURT RPT 3 Court Reporter 3	/Y	VO	2.5		
OTA0052	COURT RPT 4 Court Reporter 4	/Y	VO	2.5		
8218100	CUST ASST TECH Customer Assistance Technology	9-12,30,31 /			BUS ED TEACH CBE SECRETAR	1 @2 @7 @7 G VOE CLERICAL @7 @7 G
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO	0.5		
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO	0.5		
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	PA	1.0		
8207310	INTROD TO INFO TECH Introduction to 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	CUST ASST TECH Customer Assistance Technology	30, 31 /			BUS ED TEACH CBE SECRETAR	1 @2 @7 @7 G VOE CLERICAL @7 @7 G
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA	1.0		
MNA0083	CUST CARE REP Customer Care Representative	/Y	VO	1.0		
MNA0086	CUST CARE SPEC Customer Care Specialist	/Y	VO	1.0		
8212000	LEG ADMIN SPEC Legal Administrative Specialist	9-12,30,31 /			BUS ED VOE CLERICAL	1 @2 @7 @7 G TEACH CBE @7 SECRETAR @7 G STENO @4 @7 SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO	0.5		

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO	0.5	
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	PA	1.0	
8207310	INTROD TO INFO TECH Introduction to 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	LEG ADMIN SPEC Legal Administrative Specialist	30, 31 /			BUS ED 1 @2 VOE @7 CLERICAL @7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE TEACH CBE @7 SECRETAR @7 G STENOG @4 @7
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	MED ADM SPEC Medical Administrative Specialist	9-12,30,31 /			BUS ED 1 @2 TEACH CBE @7 SECRETAR @7 G VOE @7 STENOG @4 @7 CLERICAL @7 G
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO	0.5	

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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
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO	0.5	
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	PA	1.0	
8207310	INTROD TO INFO TECH Introduction to 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	MED OFF TECH 1 Medical Office Technology 1/Level 2	/Y	VO	1.0	
8212202	MED OFF TECH 2 Medical Office Technology 2/Level 2	/Y	VO	1.0	
8212203	MED 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	MED ADM SPEC Medical Administrative Specialist	30, 31 /			BUS ED 1 @2 TEACH CBE @7 SECRETAR @7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE VOE @7 STENOGR @4 @7 CLERICAL @7 G
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	

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	VO	GRADUATION REQUIREMENTS	CREDIT	SUBJECT AREA	CERTIFICATION
----- SUPPLEMENTAL PROGRAMS -----							
8500375	BLUEPR PROF SUCCESS Blueprint for Professional Success/ Level 2	9-12,30,31 /Y	VO		1.0	MKTG 1 @2 BUS ED 1 @2 PRAC NURSE @7 G AGRICULTUR 1 @2 REG NURSE G VOC HM EC @4 BUS ED 1 @2 VOE @7	AGRI @2 FAM CON SC 1 TEC ED 1 @2 NURSING ED @5 VOC AGRI @4
8200420	BUSINESS COOP MGMT Business Cooperative Education Organization and Management	9-12,30,31 /M	VO	MULTIPLE		ANY BUSINESS ED/TC COOP ED E G BUS ED 1 @2 VOE @7	TEACH CBE @7
B079998	BUSINESS COOP ORG Business Cooperative Education Organization and Management	30,31 /M	VO	MULTIPLE		ANY BUSINESS ED/TC COOP ED E G BUS ED 1 @2 VOE @7	TEACH CBE @7
8200410	BUSINESS COOP ED OJT Business Cooperative Education-OJT	9-12,30,31 /M	VO	MULTIPLE		ANY BUSINESS ED/TC COOP ED E G BUS ED 1 @2 VOE @7	TEACH CBE @7
B079999	BUSINESS COOP OJT Business Cooperative Education-OJT	30,31 /	VO	MULTIPLE		ANY BUSINESS ED/TC COOP ED E G ANY BUSINESS ED G BUS ED 1 @2 VOE @7	TEACH CBE @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 TEACH CBE @7	VOE @7
8200130	BUS KEY & CAR PLAN Business Keyboarding and Career Planning	6-8 /S	VO			BUS ED 1 @2 VOE @7	TEACH CBE @7
8200120	BUSINESS LEAD SKLS Business Leadership skills	6-8 /S	VO			BUS ED 1 @2 TEACH CBE @7	VOE @7
8200330	CPTR & BUSINESS SKLS Computer and Business Skills/Level 2	9-12,30,31 /S	VO		0.5	BUS ED 1 @2 VOE @7 BOOKKEEPIN @4 @7 G CLERICAL @7 G TEC ELEC @7 G	TEACH CBE @7 BUS DP @7 G ELECT DP @7 G SECRETAR @7 G STENOG @4 @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	
8200520	CPTR APPL BUS 1 Computer Applications in Business 1	6-8 /S	VO		BUS ED 1 @2 TEACH CBE @7 TEC ED 1 @2 BUS ED 1 @2 TEACH CBE @7 TEC ED 1 @2 BUS ED 1 @2 TEACH CBE @7 BUS ED 1 @2 TEACH CBE @7 BUS ED 1 @2 TEACH CBE @7 CLERICAL @7 STENO @4 @7 BUS ED 1 @2 TEACH CBE @7 CLERICAL @7 STENO @4 @7	VOE @7 COMPU SCI 6 VOE @7 COMPU SCI 6 VOE @7 COMPU SCI 6 VOE @7 COMPU SCI 6 VOE @7 SECRETAR @7 COMPU SCI 6 VOE @7 SECRETAR @7 COMPU SCI 6
8200220	CPTR APPL BUS 1 & CP Computer Applications in Business 1 and Career Planning	6-8 /S	VO		BUS ED 1 @2 TEACH CBE @7 TEC ED 1 @2 BUS ED 1 @2 TEACH CBE @7 TEC ED 1 @2 BUS ED 1 @2 TEACH CBE @7 BUS ED 1 @2 TEACH CBE @7 CLERICAL @7 STENO @4 @7	VOE @7 COMPU SCI 6 VOE @7 COMPU SCI 6 VOE @7 COMPU SCI 6 VOE @7 COMPU SCI 6 VOE @7 SECRETAR @7 COMPU SCI 6
8200210	CPTR APPL BUSINESS 2 Computer Applications in Business 2	6-8 /S	VO		BUS ED 1 @2 TEACH CBE @7 BUS ED 1 @2 TEACH CBE @7 BUS ED 1 @2 TEACH CBE @7 CLERICAL @7 STENO @4 @7	VOE @7 COMPU SCI 6 VOE @7 COMPU SCI 6 VOE @7 SECRETAR @7 COMPU SCI 6
8200211	CPTR APPL BUSINESS 3 Computer Applications in Business 3	6-8 /S	VO		BUS ED 1 @2 TEACH CBE @7 CLERICAL @7 STENO @4 @7 BUS ED 1 @2 TEACH CBE @7 CLERICAL @7 STENO @4 @7	VOE @7 COMPU SCI 6 VOE @7 SECRETAR @7 COMPU SCI 6 VOE @7 SECRETAR @7 COMPU SCI 6
8200212	CPTR APPL BUSINESS 4 Computer Applications in Business 4	6-8 /S	VO		BUS ED 1 @2 TEACH CBE @7 CLERICAL @7 STENO @4 @7 BUS ED 1 @2 VOE @7 TEC ELEC @7 G ELECT DP @7 G CLERICAL @7 G BOOKKEEPIN @4 @7 G	VOE @7 SECRETAR @7 COMPU SCI 6 VOE @7 SECRETAR @7 COMPU SCI 6 ACCTING @7 G BUS DP @7 G MANAG SUPV @7 G SECRETAR @7 G
8207010	EMERG TECH BUSINESS Emerging Technology in Business/ Level 2	9-12,30,31 /Y	VO	1.0	BUS ED 1 @2 VOE @7 TEC ELEC @7 G ELECT DP @7 G CLERICAL @7 G BOOKKEEPIN @4 @7 G	TEACH CBE @7 ACCTING @7 G BUS DP @7 G MANAG SUPV @7 G SECRETAR @7 G
8370350	INTRO BUSINESS Introduction to Business, Management and Administration	6-8 /S	VO	MULTIPLE	BUS ED 1 @2 VOE @7	TEACH CBE @7
8370360	INTRO BUSINESS & CP Introduction to Business, Management and Administration/Career Plan	6-8 /S	VO		BUS ED 1 @2 VOE @7	TEACH CBE @7
8200320	KEYBD & BUSINESS SKL Keyboarding and Business skills/ Level 2	9-12,30,31 /S	VO	0.5	BUS ED 1 @2 VOE @7 SECRETAR @7 G	TEACH CBE @7 CLERICAL @7 G STENO @4 @7

EDUCATION & TRAINING CAREER CLUSTER

PROFESSIONAL SUPPORT SERVICES CAREER PATH (EDPA)

8909000 TCHR ASSIST Teacher Assisting 9-12,30,31 / ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER

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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
8909010	TCHR ASSIST 1 Teacher Assisting 1/Level 2	/Y	VO	1.0	
8909020	TCHR ASSIST 2 Teacher Assisting 2/Level 2	/Y	VO	1.0	
8909030	TCHR ASSIST 3 Teacher Assisting 3/Level 2	/Y	VO	1.0	
8909040	TCHR ASSIST 4 Teacher Assisting 4/Level 2	/Y	VO	1.0	
P131299	TCHR ASSIST Teacher Assisting	30,31 /			ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
EDG0312	SUB TEACHER Substitute Teacher	/Y	VO	1.0	
EDG0317	TEACHER ASST Teacher Assisting	/Y	VO	3.0	

TEACHING/TRAINING CAREER PATH (EDPC)

V200206	CHILD CARE CTR OPS Child Care Center Operations	30,31 /			HOMEMAKING C7 @7 @2 G PRIMARY ED @B PRESCH ED A PK PRIMARY H CH CARE TR 7 G	GEN HME EC @2 E CHILD ED @0 FAM CON SC 1 HME EC OCC C7 @7 G VOC HM EC @2 @4
HEV0160	CHILD CARE CTR DIR Child Care Center Director	/Y	VO	0.0		
^a 8503210	^a EARLY CHILD ED Early Childhood Education	9-12,30,31 /			PRIMARY ED @B PRESCH ED A HME EC OCC C7 FAM CON SC 1	HOMEMAKING C7 @2 E CHILD ED @0 PK PRIMARY H
8503211	EARLY CHILD ED 1 Early Childhood Education 1/Level 2	/Y	VO	1.0		
8503212	EARLY CHILD ED 2 Early Childhood Education 2/Level 2	/Y	PA	1.0		
8503213	EARLY CHILD ED 3 Early Childhood Education 3/Level 2	/Y	PA	1.0		
8503214	EARLY CHILD ED 4 Early Childhood Education 4/Level 3	/Y	VO	1.0		
^a V200210	^a EARLY CHILD ED Early Childhood Education	30,31 /			GEN HME EC @2 E CHILD ED @0 PK PRIMARY H CH CARE TR 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE	PRIMARY ED @B PRESCH ED A FAM CON SC 1

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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
HEV0117	CHILD CARE WKR - PS Child Care Worker - Preschool	/Y	VO	0.5	
HEV0101	CHILD CARE TEACH AID Child Care Teacher Aide	/Y	VO	0.5	
HEV0156	PRESCHOOL TEACHER Preschool Teacher	/Y	PA	2.0	
HEV0162	CHILD CARE DEV SPEC Child Care Development Specialist	/Y	VO	1.0	
V20021R	EARLY CHILD ED-APPR Early Childhood Education - Apprenticeship	30,31 /			
8405100	EARLY CHILD ED NEW Early Childhood Education NEW	9-12,30,31 /			PRIMARY ED @B PRESCH ED A HME EC OCC #7 FAM CON SC 1 HOMEMAKING #2 @7 E CHILD ED @0 PK PRIMARY H VOC HM EC @2 @4
8405110	EARLY CHILD 1 NEW Early Childhood Education 1/Level 2	/Y	VO	1.0	
8405120	EARLY CHILD 2 NEW Early Childhood Education 2/Level 2	/Y	VO	1.0	
8405130	EARLY CHILD 3 NEW Early Childhood Education 3/Level 2	/Y	PA	1.0	
8405140	EARLY CHILD 4 NEW Early Childhood Education 4/Level 3	/Y	VO	1.0	
E300100	EARLY CHILD ED NEW Early Childhood Education NEW	30,31 /			GEN HME EC @2 E CHILD ED @0 PK PRIMARY H CH CARE TR 7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE PRIMARY ED @B PRESCH ED A FAM CON SC 1 VOC HM EC @2 @4
HEV0870	CHILD CARE WKR 1 Child Care Worker 1	/S	VO	1.0	
HEV0871	CHILD CARE WKR 2 Child Care Worker 2	/S	VO	1.0	
HEV0872	TEACHER AIDE (PRESC) Teacher Aide (Preschool)	/S	VO	1.0	
HEV0873	PRESCHOOL TEACHER Preschool Teacher	/S	VO	1.0	
V200410	FAM CHILD CARE TRAIN Family Child Care Training	30,31 /			GEN HME EC @2 PRIMARY ED @B PRESCH ED A HME EC OCC #7 G CH CARE TR 7 G HOMEMAKING @2 <7 @7 G E CHILD ED @0 PK PRIMARY H FAM CON SC 1 VOC HM EC @2 @4
HEV0119	FAM CHILD CARE PROV Family Child Care Provider	/Y	VO	0.0	

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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
V200310	SCH AGE CER TRAIN School Age Certification Training	30,31 /			GEN HME EC @2 E CHILD ED @0 PK PRIMARY H VOC HM EC @2 @4 PRIMARY ED @B PRESCH ED A FAM CON SC 1
HEV0112	CHILD CARE WKR - SA Child Care Worker - School Age	/Y	VO	0.0	
HEV0190	SCHOOL AGE CARE PROF School Age Care Professional	/S	VO	0.5	
8500160	S SCH AGE CER TRAIN Secondary School Age Certification Training	9-12,30,31 /			GEN HME EC @2 E CHILD ED @0 PK PRIMARY H VOC HM EC @2 @4 PRIMARY ED @B PRESCH ED A FAM CON SC 1
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	
----- GENERAL PROGRAMS -----					
^a 8409100	^a CAREERS IN EDUC [®] FUND OF CAREER IN ED ^a Careers in Education [®] Fundamentals of Careers in Education	6-8 /S			VOC HM EC @4 FAM CON SC 1
^a 8409200	^a CAREERS IN ED & CP [®] FUND OF CAREERS & CP ^a Careers in Education and Career Planning [®] Fundamentals of Careers in Education & Career Planning	6-8 /S			VOC HM EC @4 FAM CON SC 1
8500310	CHILD DEV Child Development/Level 2	9-12,30,31 /S	VO	0.5	E CHILD ED @0 PRIMARY ED @B FAM CON SC 1 PRESCH ED A PK PRIMARY H VOC HM EC @4

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	MEETING SCHEDULE	GRADUATION REQUIREMENTS	CREDIT	SUBJECT AREA	CERTIFICATION
8500100	^a FAM&CONS SCI DIR ST [®] ED & TRAIN DIRECT ST ^a Family and Consumer Sciences Directed Study [®] Education and Training Directed	9-12,30,31 /M	VO	MULTIPLE		ANY HOME ECONOMICS ED G GEN HME EC @2 PRIMARY ED @B PRESCH ED A E CHILD ED 2	PK PRIMARY H VOC HM EC @4 FAM CON SC 1
^a 8500410	^a FAM & CONS SCI - OJT [®] ED & TRAIN OJT ^a Family and Consumer Sciences-OJT [®] Education and Training Cooperative	9-12,30,31 /M	VO	MULTIPLE		HOMEMAKING ¶7 @2 VOC HM EC @4 PK PRIMARY H PRIMARY ED @B FAM CON SC 1	GEN HME EC @2 HME EC OCC ¶7 PRESCH ED A E CHILD ED @0
V209999	^a FAM & CONS SCI - OJT [®] ED & TRAIN OJT ^a Family and Consumer Sciences-OJT [®] Education and Training Cooperative	30,31 /		MULTIPLE		ANY HOME EC/TC COOP ED E G GEN HME EC @2 PK PRIMARY H E CHILD ED @0 VOC HM EC @4 @2 FAM CON SC 1	HME EC OCC ¶7 @7 G PRESCH ED A PRIMARY ED @B HOMEMAKING ¶7 @2 @7 G
^a 8440350	INTRO ED & TRAIN Introduction to Education and Train Training	6-8 /S	VO			VOC HM EC @4 PK PRIMARY H PRIMARY ED @B	FAM CON SC 1 PRESCH ED A E CHILD ED @0
^a 8440360	INTRO ED & TRAIN/CP Introduction to Education and Train Training and Career Planning	6-8 /S	VO			ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER VOC HM EC @4 PK PRIMARY H PRIMARY ED @B ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER	FAM CON SC 1 PRESCH ED A E CHILD ED @0

ENERGY CAREER CLUSTER

ENERGY

I460303	ELEC LINE SERV & REP Electrical Line Service and Repair	30,31 /				ELECTRICAL @7 G	TEC ELEC @7 G
EEV0151	ELECT POWERLINE INS1 Electrical Powerline Installer 1		/Y	VO	MULTIPLE		
I46030R	ELEC LINESER&RPR-APP Electrical Line Service and Repair - Apprenticeship	30,31 /					

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
9700200	ENERGY GENERATION TE Energy Generation Technician	9-12,30,31 /			CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE ELECTRICAL @7 G IND ENGR @7 G TEC ED 1 @2
8006110	^a ENERGY FOUNDATIONS [®] ENERGY INDUSTRY FUND ^a Energy Foundations/Level 3 [®] Energy Industry Fundamentals/Level 3	/Y	VO	1.0	
8006120	INTRO TO ALT ENERGY Introduction to Alternative Energy/ Level 3	/Y	VO	1.0	
9700210	ENERGY GENERATION TE Energy Generation Technician/Level 3	/Y	VO	1.0	
X600200	ENERGY GENERATION TE Energy Generation Technician	30,31 /			ELECTRICAL @7 G IND ENGR @7 G TEC ED 1 @2
EEV0202	ENERGY GENERATION TE Energy Generation Technician	/Y	VO	3.0	
9700300	ENERGY TECHNICIAN Energy Technician	9-12,30,31 /			CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE ELECTRICAL @7 G IND ENGR @7 G TEC ED 1 @2
8006110	^a ENERGY FOUNDATIONS [®] ENERGY INDUSTRY FUND ^a Energy Foundations/Level 3 [®] 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	VO	1.0	
8727220	ELECTRICITY 2 Electricity 2/Level 2	/Y	VO	1.0	
X600600	ENERGY TECHNICIAN Energy Technician	30,31 /			ELECTRICAL @7 G IND ENGR @7 G TEC ED 1 @2
ETP0090	ENERGY TECHNICIAN 1 Energy Technician 1	/Y	VO	2.0	
ETP0091	ENERGY TECHNICIAN 2 Energy Technician 2	/Y	VO	2.0	
9700100	POWER DIST TECH Power Distribution Technician	9-12,30,31 /			CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE ELECTRICAL @7 G IND ENGR @7 G TEC ED 1 @2

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8006110	^a ENERGY FOUNDATIONS [®] ENERGY INDUSTRY FUND ^a Energy Foundations/Level 3 [®] Energy Industry Fundamentals/Level 3	/Y	VO	1.0	
8006120	INTRO TO ALT ENERGY Introduction to Alternative Energy/ Level 3	/Y	VO	1.0	
9700110	POWER DIST TECH Power Distribution Technician/Level 3	/Y	VO	1.0	
X600100	POWER DIST TECH Power Distribution Technician	30,31 /			ELECTRICAL @7 G TEC ED 1 @2 IND ENGR @7 G
EEV0201	POWER DIST TECH Power Distribution Technician	/Y	VO	3.0	
8006100	SOLAR ENERGY TECH Solar Energy Technology	9-12,30,31 /			CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE ELECTRICAL @7 G IND ENGR @7 G TEC ED 1 @2
8006110	^a ENERGY FOUNDATIONS [®] ENERGY INDUSTRY FUND ^a Energy Foundations/Level 3 [®] Energy Industry Fundamentals/Level 3	/Y	VO	1.0	
8006120	INTRO TO ALT ENERGY Introduction to Alternative Energy/ Level 3	/Y	VO	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 G TEC ED 1 @2 IND ENGR @7 G
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 /			ELECTRICAL @7 G BLDG MAINT @7 G TEC CONSTR @7 G AC HEAT ME @7 G BLDG CONST @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	

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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		CREDIT	CAREER AND TECHNICAL EDUCATION			
			GRADUATION REQUIREMENTS			CERTIFICATION			
X600300	SOLAR THER SYS DSGN Solar Thermal System Design, Installation and Maintenance - Entry Level	30,31	/			PLUMBIN @7 G AC HEAT ME @7 G BLDG CONST @7 G		ELECTRICAL @7 G BLDG MAINT @7 G TEC CONSTR @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				
9700500	TURB GEN MAINT,INSP Turbine Generator Maintenance, Inspection and Repair	9-12,30,31	/			TEC CONSTR @7 G BLDG CONST @7 G		MILLWRIGHT @7 G IND ENGR @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	TURB GEN MAINT 4 Turbine Generator Maintenance 4/ Level 2		/S	VO	1.0				
9700550	TURB GEN MAINT 5 Turbine Generator Maintenance 5/ Level 2		/S	VO	1.0				
9700560	TURB GEN MAINT 6 Turbine Generator Maintenance 6/ Level 2		/S	VO	1.0				
9700570	TURB GEN MECH 7 Turbine Generator Mechanic 7/Level 2		/S	VO	1.0				
9700580	TURB GEN MECH 8 Turbine Generator Mechanic 8/Level 2		/S	VO	1.0				
9700590	TURB 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	/			TEC CONSTR @7 G BLDG CONST @7 G		MILLWRIGHT @7 G IND ENGR @7 G	
EEV0140	TURB GEN MAINT TE I Turbine Generator Maintenance Technician I		/Y	VO	3.0				

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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
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 /Y	VO		TEC ED 1 @2 IND ENGR @7 G ELECTRICAL @7 G
✕9709350	INTRO TO ENERGY Introduction to Energy	6-8 /S	VO	MULTIPLE	TEC ED 1 @2 IND ENGR @7 G ELECTRICAL @7 G
✕9709360	INTRO TO ENERGY & CP Introduction to Energy and Career Planning	6-8 /S	VO	MULTIPLE	TEC ED 1 @2 IND ENGR @7 G ELECTRICAL @7 G

|ENGINEERING & TECHNOLOGY EDUCATION CAREER CLUSTER|

ENGINEERING & TECHNOLOGY CAREER PATH (SCPA)

8601900	ADV TECH APPL 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 /			ENG 7 G ENG TEC 7 G TEC ED 1 @2 AEROSPACE 7 G
8600580	AEROSPACE TECH I Aerospace Technologies I/Level 2	/Y	PA	1.0	
8600680	AEROSPACE TECH II Aerospace Technologies II/Level 2	/Y	PA	1.0	
8601780	AEROSPACE TECH III Aerospace Technologies III/Level 3	/Y	PA	1.0	

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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	
9410100	APPLD ROBOTICS Applied Robotics	9-12,30,31 /			TEC ED ROBOTICS 1 @2 7 G	ENG 7 G
9410110	FOUND OF ROBOTICS Foundations of Robotics/Level 3	/Y	VO	1.0		
9410120	ROBOTIC DESIGN ESS Robotic Design Essentials/Level 3	/Y	VO	1.0		
9410130	ROBOTIC SYSTEMS Robotic Systems/Level 3	/Y	VO	1.0		
9410140	ROBOTIC APPL CAP Robotic Applications Capstone/Level 3	/Y	VO	1.0		
8601000	COMM TECH Communications Technology	9-12,30,31 /			GRAPH ARTS @4 ENG 7 G	PRINTING @7 G TEC ED 1 @2
8601010	COMM TECH I Communications Technology I/Level 2	/Y	PA	1.0		
8601020	COMM TECH II Communications Technology II/Level 2	/Y	PA	1.0		
8601030	COMM TECH III Communications Technology III/Level 3	/Y	PA	1.0		
a8600700	aCONST TECH Construction Technology	9-12,30,31 /			CARPENTRY @7 G TEC CONSTR @7 G BLDG MAINT @7 G TEC ED 1 @2	WOODWORKIN @4 BLDG CONST @7 G ENG 7 G
8600710	CONST TECH I Construction Technology I/Level 2	/Y	VO	1.0		
8600720	CONST TECH II Construction Technology II/Level 2	/Y	PA	1.0		
8600730	CONST TECH III Construction Technology III/Level 3	/Y	PA	1.0		
8600800	DRAFT/ILL DESIGN TEC Drafting/Illustrative Design Technology	9-12,30,31 /			GRAPH ARTS @4 ENG 7 G	DRAFTING @7 G TEC ED 1 @2
8600810	DRAFT/ILL DSN TECH I Drafting/Illustrative Design Technology I/Level 2	/Y	PA	1.0		
8600820	DRAFT/ILL DSN TECHII Drafting/Illustrative Design Technology II/Level 2	/Y	PA	1.0		
8600830	DRAFT/ILL DSN TECIII Drafting/Illustrative Design Technology III/Level 3	/Y	PA	1.0		
8600900	ELECTS TECH Electronics Technology	9-12,30,31 /			ELECTRONIC @7 G TEC ELEC @7 G TEC ED 1 @2	ELECTRICAL @4 @7 G ENG 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	CAREER AND TECHNICAL EDUCATION			
					CERTIFICATION			
8600910	ELECTS TECH I Electronics Technology I/Level 2	/Y	VO	1.0				
8600920	ELECTS TECH II Electronics Technology II/Level 2	/Y	VO	1.0				
8600930	ELECTS 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
8600120	FOUND OF TECH Foundations of Technology/Level 2	/Y	VO	1.0				
8600130	IMPACTS OF TECH Impacts of Technology/Level 2	/Y	VO	1.0				
8600140	INTRO TO DESIGN Introduction to Design/Level 2	/Y	PA	1.0				
8600150	TECH ISSUES Technological Issues/Level 2	/Y	VO	1.0				
8600160	ENGR DESIGN Engineering Design/Level 2	/Y	PA	1.0				
8607000	ENGINEERING TECH SEC Engineering Technology - Secondary	9-12,30,31 /			ENG ENG TEC	7 G 7 G	TEC ED	1 @2
8600570	ENGINEERING TECH I Engineering Technology I/Level 2	/Y	PA	1.0				
8600670	ENGINEERING TECH II Engineering Technology II/Level 2	/Y	PA	1.0				
8601770	ENGINEERING TECH III Engineering Technology III/Level 3	/Y	PA	1.0				
8601100	MAT & PROCS TECH Materials and Processes Technology	9-12,30,31 /			METALS @4 ENG 7 G CAB WOODWK @7 G		WOODWORKIN @4 TEC ED 1 @2	
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				
9400300	PATHWAYS TO ENGINEER Pathways to Engineering	9-12,30,31 /			SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE			
8600550	INTRO TO ENGR DSN Introduction to Engineering Design/ Level 3	/Y	PA	1.0				

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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		CREDIT	GRADUATION REQUIREMENTS		CERTIFICATION
8600520	PRIN OF ENGR Principles of Engineering/Level 3	/Y	PA		1.0			
8600530	DIG ELECT 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 ENGR OR Aerospace Engineering/Level 3 OR	/Y	PA		1.0			
8600630	BIOTECH ENGR OR Biotechnical Engineering/Level 3 OR	/Y	PA		1.0			
8600650	ENGR DSN & DEV Engineering Design and Development/ Level 3	/Y	PA		1.0			
8601300	POWER & ENERGY TECH Power and Energy Technology	9-12,30,31 /				AUTO MECH @7 G GASENG RPR @7 G DIESEL MEC @7 G TEC MECH @7 G TEC ED 1 @2	AUTO IND @7 G TRANSPORT @4 AIR MECH @7 G ENG 7 G TRANSPORT @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 Production Technology	9-12,30,31 /				ENG 7 G	TEC ED 1 @2	
8600540	PRODUCTION TECH I Production Technology I/Level 2	/Y	PA		1.0			
8600640	PRODUCTION TECH II Production Technology II/Level 2	/Y	PA		1.0			
8601740	PRODUCTION TECH III Production Technology III/Level 3	/Y	PA		1.0			
9400100	SCIENTIFIC VISUALIZ Scientific Visualization	9-12,30,31 /				SCI VIZ 7 G COMPU SCI 6	TEC ED 1 @2 ENG 7 G	
8207310	INTROD TO INFO TECH Introduction to Information Technology/Level 2	/Y	PA		1.0			

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSE 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				
8600100	TECH 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				
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				
8600400	TECH SYSS 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				
8600440	DRAFT/ILL DSN TECH Drafting/Illustrative 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	HOME TECH SYSTEMS Home Technology Systems/Level 2	/S	VO	0.5				
8601200	TRANS TECH Transportation Technology	9-12,30,31 /			AUTO MECH @7 G		AUTO IND @7 G	
					GASENG RPR @7 G		TRANSPORT @4 G	
					DIESEL MEC @7 G		AIR MECH @7 G	
					TEC MECH @7 G		ENG 7 G	
					TEC ED 1 @2		TRANSPORT @7 G	

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT	SUBJECT AREA		CERTIFICATION
			GRADUATION REQUIREMENTS			GRADUATION REQUIREMENTS		
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		TEC ED 1 @2 TEC CONSTR @7 G BLDG CONST @7 G BLDG MAINT @7 G		WOODWORKIN @4 METALS @4 ENG 7 G CARPENTRY @7 G ENG 7 G
8600220	EXPLO TECH & CAR PLA Exploring Technology and Career Planning	6-8	/S	VO		TEC ED 1 @2		ENG 7 G
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				

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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
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FINANCE CAREER CLUSTER

 FINANCIAL & INVESTMENT PLANNING CAREER PATH (FNPA)

^8815100	FINANCE Finance	9-12,30,31 /			SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8815150	FIN & BUS TECH Finance and Business Technology/Level 2	/Y	VO	1.0	
8207310	INTROD TO INFO TECH Introduction to Information Technology/Level 2	/Y	PA	1.0	
8203310	ACCT APPL 1 Accounting Applications 1/Level 3	/Y	VO	1.0	
8815110	FINANCIAL OPS Financial Operations/Level 3	/Y	VO	1.0	
2102360	AP MICROECONOMICS AP Microeconomics	/Y	EC	0.5	
2102370	AP MACROECONOMICS AP Macroeconomics	/Y	EC	0.5	
8815130	FINANCIAL INTERN Financial Internship/Level 2 OR	/M	VO	MULTIPLE	
8501420	FINANCE COOP - OJT Finance Cooperative Education - OJT /Level 2	/Y	VO	MULTIPLE	
8815120	PERS FIN PLAN Personal Financial Planning/Level 3	/Y	VO	1.0	
M804011	FINANCE Finance	30,31 /			TEACH CDE @7 BANK FINC @7 G MKTG 1 @2 BUS ED 1 @2 DIST ED @7 MKTG MGMT @7 G
BRC0090	FIN & BUS TECH Finance and Business Technology	/Y	VO	1.0	
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	

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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
8515300	GLOBAL FINANCE Global Finance	9-12,30,31 /			TEACH CDE @7 DIST ED @7 BUS ED 1 @2 BANK FINC @7 G MKTG MGMT @7 G MKTG 1 @2
8815150	FIN & BUS TECH Finance and Business Technology/ Level 2	/Y	VO	1.0	
8203310	ACCT APPL 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 OR	/M	VO	MULTIPLE	
8501420	FINANCE COOP - OJT Finance Cooperative Education - OJT /Level 2	/Y	VO	MULTIPLE	
8815170	BUS IN A GLOBAL ECON Business In A Global Economy/Level 3	/Y	VO	1.0	
F100110	GLOBAL FINANCE Global Finance	30,31 /			TEACH CDE @7 DIST ED @7 BUS ED 1 @2 BANK FINC @7 G MKTG MGMT @7 G MKTG 1 @2
BRC0090	FIN & BUS TECH Finance and Business Technology	/Y	VO	1.0	
BRC0091	ACCOUNTING APPS 1 Accounting Applications 1	/Y	VO	1.0	
ACO0050	MANAGERIAL ACCOUNT Managerial Accounting	/Y	VO	1.0	
BRC0945	FINANCIAL INTERNSHIP Financial Internship	/Y	VO	1.0	
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 PLANNER Estate Planner	/Y	VO	0.0	

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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			
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 FIN PLANNING Personal Financial Planning (Capstone)		/Y	VO	0.0	
----- BANKING & RELATED SERVICES CAREER PATH (FNPC) -----						
M807050	LOAN ORIGINATOR Loan Originator	30,31	/			SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
REE0092	LOAN OFFICERS Loan Officers		/Y	VO	0.0	
----- INSURANCE SERVICES CAREER PATH (FNPD) -----						
M810011	HEALTH INS MARKET Health Insurance Marketing	30,31	/			INSURANCE @7 G
RMI0097	INS SALES AGT (HLTH) Insurance Sales Agent (Health Only)		/Y	VO	0.0	
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	
M810013	INS CUSTOMER REPR 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	

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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
M810014	INS GEN LINES AGENT Insurance General Lines Agent	30, 31 /			INSURANCE @7 G
RMI0096	INS GEN LINES AGENT Insurance General Line Agent		/Y VO	1.0	
F700100	LIFE & VAR ANNUITY Life and Variable Annuity Pre-licensing	30,31 /			SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
RMI0070	LIFE & VAR ANNUITY Life And Variable Annuity Pre-licensing		/Y VO	0.0	
M810012	LIFE INS MARKETING Life Insurance Marketing	30, 31 /			INSURANCE @7 G
RMI0099	INS SALES AGT - LHA Insurance Sales Agent - Life, Health and Annuities		/Y VO	0.0	
M810020	PERS LINES INS(20-44 Personal Lines Insurance (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	MULTIPLE	BUS ED 1 @2 TEACH CBE @7 ANY BUSINESS ED/TC COOP ED E G ANY BUSINESS ED G	VOE @7 G
✕F409999	FINANCE OJT Finance Cooperative Education- OJT	30,31 /			MKTG 1 @2 BUS ED 1 @2 TEACH CBE @7 ANY BUSINESS ED/TC COOP ED E G ANY BUSINESS ED G	VOE @7 G
✕8501000	FINANCE DIRECTED ST Finance Directed Study	1112,30,31 /M	VO	MULTIPLE	MKTG 1 @2 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 VOE @7	TEACH CBE @7 MKTG 1 @2
✕8540350	INTRO TO FINANCE Introduction to Finance	6-8 /S	VO	MULTIPLE	BUS ED 1 @2 VOE @7	TEACH CDE @7 MKTG 1 @2
✕8540360	INTRO TO FINANCE/CP Introduction to Finance and Career Planning	6-8 /S	VO	MULTIPLE	BUS ED 1 @2 VOE @7	TEACH CDE @7 MKTG 1 @2

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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
8500120	PERS & FAM FIN Personal and Family Finance/Level 2	9-12,30,31 /S	VO	0.5	VOC HM EC @4 GEN HME EC @4 FAM CON SC 1 BUS ED 1 @2

GOVERNMENT & PUBLIC ADMINISTRATION CAREER CLUSTER
GOVERNANCE CAREER PATH (GVPA)

^8744000	PUBLIC WORKS Public Works	9-12,30,31 /			SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8744010	PUBLIC WORKS CAD 1 Public Works Cadet 1/Level 2	/Y	VO	1.0	
8744020	PUBLIC WORKS CAD 2 Public Works Cadet 2/Level 2	/Y	VO	1.0	
8744030	PUBLIC WORKS CAD 3 Public Works Cadet 3/Level 2	/Y	VO	1.0	
2001310	AND ONE OF THE FOLLOWING COURSES: Earth/Space Science	/Y	SC	1.0	
2001340	Earth/Space Science Envir Science	/Y	SC	1.0	
2003310	Environmental Science Physical Science	/Y	SC	1.0	
I470304	Physical Science PUBLIC WORKS	30,31 /			ANY VOCATIONAL FIELD OR COVERAGE
ETC0003	Public Works PUB WORKS CADET 1	/Y	VO	1.0	
ETC0004	Public Works Cadet 1 (Core) PUB WORKS CADET 2	/Y	VO	1.0	
ETC0005	Public Works Cadet 2 PUB WORKS CADET 3	/Y	VO	1.0	
	Public Works Cadet 3				

PLANNING CAREER PATH (GVPD)

8602000	EMER PLAN & RESPONSE Emergency Planning and Response	9-12,30,31 /			PUB SERV @7 G
8602010	EMER PLAN & RESP 1 Emergency Planning and Response 1/ 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			
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)						
P440401	PUBLIC ADMIN SUPV Public Administration Supervision	30,31	/			PUB SERV @7 G PUB ADM @7 G
PAD0875	HUMAN RESOURCES MGR1 Human Resources Manager 1		/Y	VO	2.5	
PAD0876	HUMAN RESOURCES MGR2 Human Resources Manager 2		/Y	VO	2.5	
PAD0877	HUMAN RESOURCES MGR3 Human Resources Manager 3		/Y	VO	2.5	
SUPPLEMENTAL PROGRAMS						
ª8900210	ªEX OF PS OCCS ®INTRO GOV & PS ªExploration of Public Service Occupations ®Introduction to Government and Public Administration	6-8	/S	VO		ANY PUB SERV OCC ED G TEC CONSTR @7 G
ª8900500	FUND OF GOV & PS Fundamentals of Government and Public Administration	6-8	/S	VO		ANY PUB SERV OCC ED G TEC CONSTR @7 G
ª8601420	GOV & PA OJT Government and Public Administration Cooperative Education OJT	9-12,30,31	/M	VO	MULTIPLE	ANY PUB SERV OCC ED G
ªG809999	GOV & PA OJT Government and Public Administration Cooperative Education OJT	30,31	/			ANY PUB SERV OCC ED G
ª8603000	GOV & PA DIR STUDY Government and Public Administration Directed Study	1112,30,31	/M	VO	MULTIPLE	ANY PUB SERV OCC ED G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

CAREER AND TECHNICAL EDUCATION

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

HEALTH SCIENCE CAREER CLUSTER					

THERAPEUTIC SERVICES CAREER PATH (HLP)					

8417130	ALLIED HEALTH ASSIT Allied Health Assisting	9-12,30,31 /			CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE ANY HEALTH OCCUP G
8417100	HEALTH SCIENCE 1 Health Science 1/Level 2	/Y	VO	1.0	
8417110	HEALTH SCIENCE 2 Health Science 2/Level 2	/Y	VO	1.0	
8417131	ALLIED HLTH ASSIST 3 Allied Health Assisting 3/Level 2	/Y	VO	1.0	
84170220	CENT STERILE PRO TEC Central Sterile Processing Technology	30,31 /			SURG TECH 7 G CENTSERVTE 7 G OPREGNURSE 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	
8417140	DENTAL AIDE Dental Aide	9-12,30,31 /			CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417100	HEALTH SCIENCE 1 Health Science 1/Level 2	/Y	VO	1.0	
8417110	HEALTH SCIENCE 2 Health Science 2/Level 2	/Y	VO	1.0	
8417141	DENTAL AIDE 3 Dental Aide 3/Level 2	/Y	VO	1.0	
H170104	DENTAL ASSIST Dental Assisting	30,31 /			DENTL ASST @7 G DENTAL HYG @7 G DENTAL TEC \$7 \$G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO	1.0	

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT	CERTIFICATION
			SUBJECT AREA	GRADUATION REQUIREMENTS		
DEA0720	DENTAL STERILE TECH Dental Sterile Technician		/Y	VO	1.0	
DEA0721	DENTAL ASSISTANT 1 Dental Assistant 1		/Y	VO	1.0	
DEA0722	DENTAL ASSISTANT 2 Dental Assistant 2		/Y	VO	2.0	
DEA0723	DENTAL ASSISTANT 3 Dental Assistant 3		/Y	VO	3.0	
H170105	DEN ASST TECH&MGTD Dental Assisting Technology and Management - ATD	30,31	/			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0	
DEA0720	DENTAL STERILE TECH Dental Sterile Technician		/Y	VO	1.0	
DEA0721	DENTAL ASSISTANT 1 Dental Assistant 1		/Y	VO	1.0	
DEA0722	DENTAL ASSISTANT 2 Dental Assistant 2		/Y	VO	2.0	
DEA0723	DENTAL ASSISTANT 3 Dental Assistant 3		/Y	VO	3.0	
8417150	DEN LAB ASST Dental Laboratory Assisting	9-12,30,31	/			CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417100	HEALTH SCIENCE 1 Health Science 1/Level 2		/Y	VO	1.0	
8417110	HEALTH SCIENCE 2 Health Science 2/Level 2		/Y	VO	1.0	
8417151	DEN LAB ASSIST 3 Dental Laboratory Assisting 3/Level 2		/Y	VO	1.0	
8417152	DEN 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 DENTAL TEC \$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 Technician		/Y	VO	2.5	
DEA0709	CROWN & BRIDGE TECH Crown and Bridge 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 GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
DEA0710	CERAMIC TECH Ceramic Technician	/Y	VO	1.5	
DEA0005	DENTAL LAB TECH Dental Lab Technician	/Y	VO	1.5	
8417160	EKG AIDE Electrocardiograph Aide	9-12,30,31 /			CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417100	HEALTH SCIENCE 1 Health Science 1/Level 2	/Y	VO	1.0	
8417110	HEALTH SCIENCE 2 Health Science 2/Level 2	/Y	VO	1.0	
8417161	EKG AIDE 3 Electrocardiograph Aide 3/Level 2	/S	VO	0.5	
8417170	EMERG MED RESPONDER Emergency Medical Responder	9-12,30,31 /			CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417100	HEALTH SCIENCE 1 Health Science 1/Level 2	/Y	VO	1.0	
8417110	HEALTH SCIENCE 2 Health Science 2/Level 2	/Y	VO	1.0	
8417171	EMERG MED RESP 3 Emergency Medical Responder 3/Level 2	/Y	VO	1.0	
H171500	EMERG MED RESP Emergency Medical Responder	30,31 /			SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO	1.0	
EMS0050	EMERG MED RESP Emergency Medical Responder	/Y	VO	1.0	
W170205	EMT (BASIC) Emergency Medical Technician (Basic)	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	
W170208	EMT (Basic)-ATD Emergency Medical Technician(Basic) -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 1 Health Science 1/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 GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8417110	HEALTH SCIENCE 2 Health Science 2/Level 2	/Y	VO	1.0	
8417120	HEALTH & WELLNESS 3 Health and wellness 3/Level 2	/Y	VO	1.0	
8417280	HEAL UNIT COOR Health Unit Coordinator (Secondary)	9-12,30,31 /			CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417100	HEALTH SCIENCE 1 Health Science 1/Level 2	/Y	VO	1.0	
8417110	HEALTH SCIENCE 2 Health Science 2/Level 2	/Y	VO	1.0	
8417281	HEALTH UNIT COOR 1 Health Unit Coordinator 1/Level 1	/Y	VO	1.0	
8417282	HEALTH UNIT COOR 2 Health Unit Coordinator 2/Level 2	/Y	VO	1.0	
H170207	HEMODIALYSIS TECH Hemodialysis Technician	30,31 /			PRAC NURSE @7 G HEMO TEC 7 G REG NURSE 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	HME HLTH AIDE (PS) Home Health Aide (Postsecondary)	30,31 /			PRAC NURSE @7 G REG NURSE 7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare worker	/Y	VO	1.0	
HCP0330	HOME HEALTH AIDE Home Health Aide	/Y	VO	0.5	
8417190	HME HEALTH AIDE (S) Home Health Aide (Secondary)	9-12,30,31 /			CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417100	HEALTH SCIENCE 1 Health Science 1/Level 2	/Y	VO	1.0	
8417110	HEALTH SCIENCE 2 Health Science 2/Level 2	/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 /			MASSEUR @7 G 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	

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MSS0206	MASSAGE THERAPIST 2 Massage Therapist 2		/Y VO	2.0	
H170503	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 ASST 1 Medical Assistant 1		/Y VO	2.0	
MEA0551	MEDICAL ASST 2 Medical Assistant 2		/Y VO	2.0	
MEA0552	MEDICAL ASST 3 Medical Assistant 3		/Y VO	2.0	
8417200	MED LAB ASSIST Medical Laboratory Assisting (Secondary)	9-12,30,31	/		CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417100	HEALTH SCIENCE 1 Health Science 1/Level 2		/Y VO	1.0	
8417110	HEALTH SCIENCE 2 Health Science 2/Level 2		/Y VO	1.0	
8417201	MED LAB ASSIST 3 Medical Laboratory Assisting 3/ Level 3		/Y VO	1.0	
8417202	MED LAB ASSIST 4 Medical Laboratory Assisting 4/ Level 3		/Y VO	1.0	
8417210	NURSE AST Nursing Assistant (Acute and Long Term Care)	9-12,30,31	/		CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417100	HEALTH SCIENCE 1 Health Science 1/Level 2		/Y VO	1.0	
8417110	HEALTH SCIENCE 2 Health Science 2/Level 2		/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	/		PRAC NURSE @7 G REG NURSE 7 G

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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	
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO	1.0		
HCP0121	NURSE AIDE & ORDERLY Nurse Aide and Orderly (Articulated)	/S	VO	0.5		
H170602	NURSING ASSISTANT Nursing Assistant (Long Term Care)	30,31	/		PRAC NURSE @7	G REG NURSE 7 G
PRN0090	NURSE AIDE & ORDERLY Nurse Aide and Orderly	/Y	VO	1.0		
H170704	OPTOMETRIC ASSIST Optometric Assisting	30,31	/		TEC OPTICS @7	G OPTOM ASST @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
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO	1.0		
PHT0090	ORTHOPEDIC TECH 1 Orthopedic Technician 1	/Y	VO	1.0		
PHT0091	ORTHOPEDIC TECH 2 Orthopedic Technician 2	/Y	VO	1.0		
W170206	PARAMEDIC Paramedic	30,31	/		PRAC NURSE @7 EMR MED TE @7	G G PARAMEDIC @7 G
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		
H170692	PATIENT CARE ASST. 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	0.5		

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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
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	0.5	
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	
H170500	PHARMACY TECH Pharmacy Technician	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	
8418200	PHARMACY TECHNICIAN Pharmacy Technician Secondary	9-12,30,31	/		PHARMACY @7 G
8418210	PHARM TECH 1 Pharmacy Technician 1/ Level 2	/Y	VO	1.0	
8418220	PHARM TECH 2 Pharmacy Technician 2/ Level 2	/Y	VO	1.0	
8418230	PHARM TECH 3 Pharmacy Technician 3/ Level 2	/Y	VO	1.0	
8418240	PHARM TECH 4 Pharmacy Technician 4/ Level 2	/Y	VO	1.0	
8418250	PHARM TECH 5 Pharmacy Technician 5/ 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	CAREER AND TECHNICAL EDUCATION				
			GRADUATION REQUIREMENTS			CERTIFICATION				
8418260	PHARM TECH 6 Pharmacy Technician 6/ Level 2		/Y	VO	1.0					
8418270	PHARM TECH 7 Pharmacy Technician 7/ Level 2		/Y	VO	1.0					
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					
8418300	PRACTICAL NURSING Practical Nursing	9-12,30,31	/			PRAC NURSE @7	G	REG NURSE	7	G
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					
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					
H170605	PRACTICAL NURSING Practical Nursing	30,31	/			PRAC NURSE @7	G	REG NURSE	7	G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0					
HCP0121	NURSE AIDE & ORDERLY Nurse Aide and Orderly (Articulated)		/S	VO	0.5					
PRN0091	PRAC NURSE 1 Practical Nurse 1		/Y	VO	1.5					

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT	CAREER AND TECHNICAL EDUCATION COURSES BY CAREER CLUSTER	
			GRADUATION REQUIREMENTS			CERTIFICATION	
PRN0092	PRAC NURSE 2 Practical Nurse 2		/Y	VO	3.0		
PRN0096	PRAC NURSE 3 Practical Nurse 3		/Y	VO	3.0		
H181106	PSYCHIATRIC TECH Psychiatric Technology	30,31	/			PRAC NURSE @7 G REG NURSE 7 G	MENT HEAL @7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0		
HCP0852	PSYCHIATRIC AIDE Psychiatric Aide		/Y	VO	2.0		
H170300	SURG FIRST ASST-ATD Surgical First Assisting - ATD	30,31	/				
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0		
STS0015	CENTRAL SUPPLY TECH Central Supply Technician		/Y	VO	1.0		
STS0016	SURGICAL FIRST ASST1 Surgical First Assistant 1		/Y	VO	2.0		
STS0017	SURGICAL FIRST ASST2 Surgical First Assistant 2		/Y	VO	2.0		
STS0018	SURGICAL FIRST ASST3 Surgical First Assistant 3		/Y	VO	3.0		
H170211	SURGICAL TECHNOLOGY Surgical Technology	30,31	/			OPR RM TEC @7 G REG NURSE 7 G OPREGNURSE 7 G	PRAC NURSE @7 G SURG TECH 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 1 Health Science 1/Level 2		/Y	VO	1.0		
8417110	HEALTH SCIENCE 2 Health Science 2/Level 2		/Y	VO	1.0		
8417231	VISION CARE ASSIST 3 Vision Care Assisting 3/Level 3		/Y	VO	1.0		

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8417232	VISION CARE ASSIST 4 Vision Care Assisting 4/Level 3	/Y	VO	1.0	
DIAGNOSTIC SERVICES CAREER PATH (HLPB)					
H170209	BASIC X-RAY MACHI Basic X-Ray Machine Operator	30,31	/		TEC X RAY @7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y VO	1.0	
RTE0095	BAS X-RAY MACH OP 1 Basic X-Ray Machine Operator 1		/Y VO	1.5	
RTE0097	BAS X-RAY MACH OP 2 Basic X-Ray Machine Operator 2		/Y VO	1.5	
H170200	CLIN MOTION CAP TECH Clinical Motion Capture Technician (MOCAP)	30,31	/		SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y VO	1.0	
HSC0060	INTRO TO CLIN MOCAP Introduction to Clinical MOCAP		/S VO	0.0	
DIG0064	CLINICAL MOCAP TECH1 Clinical MOCAP Technician 1		/Y VO	1.0	
DIG0065	CLINICAL MOCAP TECH2 Clinical MOCAP Technician 2		/Y VO	1.0	
DIG0066	CLINICAL MOCAP TECH3 Clinical MOCAP Technician 3		/Y VO	1.0	
H170208	EKG TECH Electrocardiograph Technology	30,31	/		LAB TECH @7 G LAB ASST @7 G PARAMEDIC @7 G REG NURSE 7 G EKG @7 G PRAC NURSE @7 G RESP THER @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		/Y 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	

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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	
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	

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CAREER AND TECHNICAL EDUCATION	
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	MED LAB ASSIST Medical Laboratory Assisting Postsecondary)	30,31	/		TEC MED LAB TECH	!7 G @7 G LAB ASST @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	/		TEC MED MED ASST PRAC NURSE REG NURSE	!7 G @7 G @7 G 7 G LAB ASST @7 G PARAMEDIC @7 G LAB TECH @7 G RESP THER @7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO	1.0		
MEA0520	PHLEBOTOMIST Phlebotomist	/S	VO	0.5		
W170209	RADIO TEC Radiological Technician	30,31	/		TEC X RAY	@7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO	1.0		
RTE0070	X-RAY TECH 1 X-Ray Technician 1	/Y	VO	2.0		
RTE0071	X-RAY TECH 2 X-Ray Technician 2	/Y	VO	2.0		
RTE0072	X-RAY TECH 3 X-Ray Technician 3	/Y	VO	2.0		
RTE0073	RAD TECH 1 Radiology Technician 1	/Y	VO	2.5		
RTE0074	RAD TECH 2 Radiology Technician 2	/Y	VO	2.5		
RTE0075	RAD TECH 3 Radiology Technician 3	/Y	VO	2.5		
RTE0076	RAD TECH 4 Radiology Technician 4	/Y	VO	2.5		

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSE MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
----- HEALTH INFORMATICS CAREER PATH (HLPC) -----					
^a H180708	^a HEALTH CARE SERS-ATD Health Care Services-ATD	30,31	/		
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y VO	1.0	
HSC0012	HEALTH SERS SUPR 1 Health Services Supervisor 1		/Y VO	2.5	
HSC0013	HEALTH SERS SUPR 2 Health Services Supervisor 2		/Y VO	2.5	
H170513	HEALTH UNIT COOR PS Health Unit Coordinator (Postsecondary)	30,31	/		TEC MED !7 G MED RECTEC @7 G PRAC NURSE @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	
H170526	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	
HIM0071	MEDICAL CODER/BILL 1 Medical Coder/Biller 1		/Y VO	2.0	
HIM0072	MEDICAL CODER/BILL 2 Medical Coder/Biller 2		/Y VO	2.0	
HIM0073	MEDICAL CODER/BILL 3 Medical Coder/Biller 3		/Y VO	2.0	
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	
HIM0071	MEDICAL CODER/BILL 1 Medical Coder/Biller 1		/Y VO	2.0	
HIM0072	MEDICAL CODER/BILL 2 Medical Coder/Biller 2		/Y VO	2.0	
HIM0073	MEDICAL CODER/BILL 3 Medical Coder/Biller 3		/Y VO	2.0	
H170506	MED RECORD TRANSCRI Medical Record Transcribing	30,31	/		MED ASST @7 G MED TRANS @7 G MED RECTEC @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
HIM0009	INTRO TO H I T Introduction to Health Information Technology	/Y	VO	0.5	
HIM0074	MED TRANSCRIB 1 Medical Transcriber 1	/Y	VO	2.0	
HIM0075	MED TRANSCRIB 2 Medical Transcriber 2	/Y	VO	2.0	
HIM0081	MED TRANSCRIB 3 Medical Transcriber 3	/Y	VO	2.0	
H170508	MED RCD TRANSCRI-ATD Medical Record Transcribing-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 - ATD 1	/Y	VO	2.0	
HIM0083	MED TRANSCRIB 2 ATD Medical Transcriber - ATD 2	/Y	VO	2.0	
HIM0084	MED TRANSCRIB 3 ATD Medical Transcriber - ATD 3	/Y	VO	2.0	
SUPPORT SERVICES CAREER PATH (HLPD)					
^a H170502	^a CENTRAL SERV TECH Central Service Technology	30,31	/		PRAC NURSE @7 G OPR RM TEC @7 G OPREGNURSE 7 G CENTSERVTE 7 G TEC MED !7 G REG NURSE 7 G SURG TECH 7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO	1.0	
MNA0550	STOCK CLERK Stock Clerk, Stockroom or Warehouse	/Y	VO	2.5	
BIOTECHNOLOGY RESEARCH & DEVELOPMENT CAREER PATH (HLPE)					
8708100	BIOMED SCIENCES Biomedical Sciences	9-12,30,31	/		BIOLOGY 1 @2 MED PROF 7 G PLTW HEALT 7 G REG NURSE 7 G PARAMEDIC @7 G
8708110	PRIN BIOMED SCIENCE Principles of the Biomedical Sciences/Level 3	/	VO	1.0	

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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		CREDIT	CAREER AND TECHNICAL EDUCATION				
			GRADUATION REQUIREMENTS			CERTIFICATION				
8708120	HUMAN BODY SYSTEMS Human Body Systems/Level 3	/	VO		1.0					
8708130	MED INTERVENTIONS Medical Interventions/Level 3	/	VO		1.0					
8708140	BIOMED INNOVATION Biomedical Innovation/Level 3	/	VO		1.0					
H170206	BIOMED TECH Biomedical Technician	30,31	/			PRAC NURSE @7 G REG NURSE 7 G PHARMACY @7 G	LAB TECH @7 G MED PROF 7 G LAB ASST @7 G			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO		1.0					
BSC0490	BIOLOGICAL TECH 1 Biological Technician 1	/Y	VO		2.0					
BSC0491	BIOLOGICAL TECH 2 Biological Technician 2	/Y	VO		2.0					
BSC0492	BIOLOGICAL TECH 3 Biological Technician 3	/Y	VO		2.0					
----- 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 VOC HM EC @4			
8400210	EXPL HLTH OCCS & C P Exploration Of Health Occupations and Career Planning	6-8	/S	VO		HEALTH ED @3 @4 @6 ANY HEALTH OCCUP G FAM CON SC 1	HEALTH VOC HM EC @4			
8499990	HEALTH OCCS ED TRAN Health Occupations Education Transfer	9-12,30,31	/			HEALTH ED @3 @4 @6 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	/			ANY HEALTH OCCUP G				
8400100	HSE DIR STUDY Health Science Education Directed Study	10-12,30,31/M		VO	MULTIPLE	ANY HEALTH OCCUP G				
8709350	INTRO HEALTH SCI Introduction to Health Science	6-8	/S	VO	MULTIPLE	ANY HEALTH OCCUP 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
8709360	INTRO HEALTH SCI/CP Introduction to Health Science and Career Planning	6-8	/S VO	MULTIPLE	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 ED @4 @6
8400110	ORIEN TO HEALTH OCCS Orientation to Health Occupations	6-8	/S VO		HEALTH ED \$4 HEALTH
8417106	ORIEN NUR Orientation to Nursing	6-8	/S VO		ANY HEALTH OCCUP G PRAC NURSE @7 G REG NURSE 7 G

|HOSPITALITY & TOURISM CAREER CLUSTER|

RESTAURANTS AND FOOD & BEVERAGE SERVICES CAREER PATH (HTPA)

8N100600	BAKING & PASTRY ARTS Baking and Pastry Arts	30,31	/		FAM CON SC 1	CULINARY	7 G
FSS0090	PASTRY COOK/BAKER Pastry Cook/Baker		/Y	VO	2.0		
FSS0091	PASTRY CHEF/HD BAKER Pastry Chef/Head Baker		/Y	VO	2.0		
I20041R	CMCL FOODS - APPR Commercial Foods - Apprenticeship	30,31	/				
N100500	COMM FOODS & CUL ART Commercial Foods and Culinary Arts	30,31	/		FAM CON SC 1	CULINARY	7 G
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		
I20040R	CMCL FD& CU ART-APPR Commercial Foods and Culinary Arts - Apprenticeship	30,31	/				
8800600	CUL & HOSP SPEC Culinary and Hospitality Specialties	9-12,30,31	/		FAM CON SC 1	CULINARY	7 G
8800610	CUL & HOSP SPEC 1 Culinary and Hospitality Specialties		/Y	VO	1.0		

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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
8800620	1/Level 2 CUL & HOSP SPEC 2 Culinary and Hospitality specialties	/Y	VO	1.0	
8800500	2/Level 2 CULINARY ARTS Culinary Arts	9-12,30,31 /			FAM CON SC 1 CULINARY 7 G
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	
8800530	CULINARY ARTS 3 Culinary Arts 3/Level 2	/Y	PA	1.0	
8800540	CULINARY ARTS 4 Culinary Arts 4/Level 3	/Y	VO	1.0	
V20040R	CUL OPS - APPR Culinary Operations - Apprenticeship	30,31 /			
----- LODGING CAREER PATH (HTPB) -----					
^a V200434	^a DIET MGMT & SUPV Dietetic Management and Supervision	30,31 /			HOMEMAKING ¶7 @2 @7 G SC FOOD SV @6 D HME EC OCC ¶7 @7 G VOC HM EC @2 @4 QUAN FOOD @7 G ¶7 GEN HME EC @2 FAM CON SC 1
HEV0611	DIETETIC MANAGER Dietetic Manager	/Y	VO	3.0	
8524100	ENVIR SERS Environmental Services	9-12,30,31 /			HOMEMAKING ¶7 @2 @7 G BLDG MAINT @7 G GEN HME EC @2 CUSTODIAL @7 VOC HM EC @2 @4 FAM CON SC 1 HME EC OCC ¶7 CUST SERV 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	ENVIR SERS Environmental Services	30,31 /			HOMEMAKING ¶7 @2 @7 G BLDG MAINT @7 G GEN HME EC @2 CUSTODIAL @7 VOC HM EC @2 @4 FAM CON SC 1 HME EC OCC ¶7 CUST SERV 7 G
HEV0510	JANITORS/CLEANERS Janitors/Cleaners	/Y	VO	1.0	
HEV0511	SUPERVISOR, JANITOR Supervisor, Janitor	/Y	VO	1.0	

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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
8830300	LODGING OPS Lodging Operations	9-12,30,31 /			HOTEL TRNG @7 G TEACH CDE @7 MKTG 1 BUS ED 1 @2 SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE DIST ED @7 MKTG MGMT @7 G FAM CON SC 1 VOC HM EC @4
8850110	INTRO TO HOS TOUR Introduction to Hospitality and Tourism/Level 2	/Y	VO	1.0	
8830320	LODG PRIN 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	LODG APPL Lodging Applications/Level 2	/Y	VO	1.0	
M607010	LODGING OPS Lodging Operations	30,31 /			HOTEL TRNG @7 G TEACH CDE @7 MKTG 1 BUS ED 1 @2 SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE DIST ED @7 MKTG MGMT @7 G FAM CON SC 1 VOC HM EC @4
HMV0740	GUEST SERVICES AGENT Guest Services Agent	/Y	VO	1.0	
HMV0201	FRONT DESK AGENT Front Desk Agent	/Y	VO	2.0	
HMV0202	LODGING MANAGERS Lodging Managers	/Y	VO	1.0	
V200404	NUTRIT & DIET SERS Nutrition and Dietetic Services	30,31 /			HOMEMAKING @7 @2 @7 G GEN HME EC @2 HME EC OCC @7 @7 G VOC HM EC @2 @4 QUAN FOOD @7 G @7 SC FOOD SV @6 G FAM CON SC 1
HEV0610	DIET CLERK Diet Clerk	/Y	VO	1.0	
8530000	NUTRIT & DIET SERS Nutrition and Dietetic Services/ Level 2	9-12,30,31 /Y	VO	1.0	HOMEMAKING @7 @2 SC FOOD SV @6 G FAM CON SC 1 HME EC OCC @7 QUAN FOOD @7 VOC HM EC @4

TRAVEL & TOURISM CAREER PATH (HTPC)

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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
8845100	HOSPITALITY & TOUR Hospitality and Tourism	9-12,30,31 /			DIST ED @7 TEACH CDE @7 TRANSPORT @7 G MKTG MGMT @7 G TRANSPORT 7 G MKTG 1 BUS ED 1 @2 HOTEL TRNG @7 G FAM CON SC 1
8850110	INTRO TO HOS TOUR Introduction to Hospitality and Tourism/Level 2	/Y	VO	1.0	
8845140	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	
8845120	TRA & TOUR MKT MGMT Travel and Tourism Marketing Management/Level 3	/Y	VO	1.0	
M811040	HOSPITALITY & TOUR Hospitality and Tourism	30,31 /			DIST ED @7 TEACH CDE @7 TRANSPORT @7 G MKTG MGMT @7 G TRANSPORT 7 G MKTG 1 BUS ED 1 @2 HOTEL TRNG @7 G FAM CON SC 1
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	
M811053	TRA & TOUR IND OPS Travel and Tourism Industry Operations	30, 31 /			TEACH CDE @7 HOTEL TRNG @7 G TRANSPORT @7 G TRANSPORT 7 G MKTG 1 DIST ED @7 MKTG MGMT @7 G
HMV0036	TRAVEL SALES REP Travel Sales Representative	/Y	VO	2.0	
HMV0037	(AIRLINE) RESERV AGT (Airline) Reservation Agent	/Y	VO	1.0	
HMV0038	TRAVEL CONSULTANT Travel Consultant	/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 GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
HMV0039	TOUR ESCORT Tour Escort	/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 -----					
^a 8809200	^a CULINARY CAREERS [®] FUND OF CUL CAREERS ^a Culinary Careers [®] Fundamentals of Culinary Careers	6-8	/S		VOC HM EC @4 FAM CON SC 1
^a 8809300	^a CUL CAREERS & CP [®] FUND OF CUL CAR & CP ^a Culinary Careers and Career Planning [®] Fundamentals of Culinary Careers & Career Planning	6-8	/S		VOC HM EC @4 FAM CON SC 1
[⌘] 8850350	EXPL HOSP & TOUR Exploring Hospitality and Tourism Careers	6-8	/S	VO	MULTIPLE VOC HM EC @4 FAM CON SC 1
[⌘] 8850360	EXPL HOSP & TOUR/CP Exploring Hospitality and Tourism Careers and Career Planning	6-8	/S	VO	MULTIPLE VOC HM EC @4 FAM CON SC 1
[⌘] 8800420	HOSP & TOUR OJT Hospitality and Tourism Cooperative Education OJT	9-12,30,31	/M	VO	MULTIPLE HOMEMAKING @2 ¢7 VOC HM EC @4 QUAN FOOD ¢7 @7 G FAM CON SC 1 ANY HOME EC/TC COOP ED E G CULINARY 7 G DIST ED @7 MKTG MGMT @7 G BUS ED 1 @2 GEN HME EC @2 HME EC OCC ¢7 SC FOOD SV @6 HOTEL TRNG @7 G MKTG 1 TEACH CDE @7
SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE					

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
✱N509999	HOSP & TOUR OJT Hospitality and Tourism Cooperative Education OJT	30,31 /	MULTIPLE		HME EC OCC 47 @7 G HOMEMAKING 47 @7 @2 G QUAN FOOD 47 @7 G FAM CON SC 1 DIST ED @7 HOTEL TRNG @7 G BUS ED 1 @2 VOC HM EC @4 @2 GEN HME EC @2 SC FOOD SV @6 TEACH CDE @7 MKTG 1 MKTG MGMT @7 G
✱8801000	HOSP & TOUR DIR ST Hospitality and Tourism Directed Study	1112,30,31 /M	VO MULTIPLE		SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE ANY HOME ECONOMICS ED G GEN HME EC @2 PRIMARY ED @B VOC HM EC @4 CULINARY T G DIST ED @7 MKTG MGMT @7 G PK PRIMARY H SC FOOD SV @6 FAM CON SC 1 HOTEL TRNG @7 G MKTG 1 TEACH CDE @7 CULINARY 7 G
8500355	NUTRITION & WELLNESS Nutrition and wellness/Level 2	9-12,30,31 /S	VO	0.5	FAM CON SC 1 VOC HM EC @4 CULINARY 7 G
8500390	PRIN FOOD PREPR Principles Of Food Preparation/ Level 2	9-12,30,31 /S	VO	0.5	FAM CON SC 1 VOC HM EC @4 CULINARY 7 G

| 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 Family, Home and Consumer Technology /Level 2	9-12,30,31 /Y	VO	1.0	FAM CON SC 1
8502000	LIF MGMT SKL Life Management skills/Level 2	9-12,30,31 /S	VO	0.5	FAM CON SC 1 REG NURSE G PRAC NURSE @7 G
8500300	PARENT SKLS Parenting skills/Level 2	9-12,30,31 /S	VO	0.5	E CHILD ED @0 FAM CON SC 1 PK PRIMARY H PRESCH ED A PRIMARY ED @B

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE /	GRADE LEVEL/ COURSE LEVEL	CRSE LENGTH	COURSE MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CAREER AND TECHNICAL EDUCATION	
						CERTIFICATION	
PERSONAL CARE SERVICES CAREER PATH (HMPD)							
D500200	ADVANCED ESTHETICS Advanced Esthetics	30,31	/			COSMETOL @7 G FACIAL TEC 7 G	PERS SERV @7 G
CSP0105	ADV SKIN CARE 1 Advanced Skin Care 1		/Y	VO	1.0		
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 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 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		

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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		CREDIT	CAREER AND TECHNICAL EDUCATION									
			GRADUATION REQUIREMENTS			CERTIFICATION									
COS0671	BARBER Barber		/Y	VO	2.0										
8905100	COSMETOLOGY Cosmetology	9-12,30,31	/			COSMETOL	@7	G		PERS SERV	@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										
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	G		PERS SERV	@7	G			
CSP0009	GROOM & SALON SRV CR Grooming and Salon Services, (CORE) Facials and Nails		/Y	VO	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 CLEAN & LAUND Dry Cleaning and Laundering	9-12,30,31	/			DRY CLEAN	@7	G		FAB MAINT	@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										

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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
I120101	DRY CLEANING & LAUND Dry Cleaning and Laundering	30,31 /			DRY CLEAN @7 G
HEV0540	LAUND, DRY CLEAN MAC Laundry, Dry Cleaning Machine Operator	/Y	VO	3.0	
8757400	FACIALS SPEC Facials Specialty	9-12,30,31 /			COSMETOL @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 SPECT 2 Facials Specialty 2/Level 2	/S	VO	0.5	
8757420	FACIALS SPECT 3 Facials Specialty 3/Level 2	/Y	VO	1.0	
I120424	FACIALS SPECIALTY Facials Specialty	30,31 /			COSMETOL @7 G FACIAL TEC 7 G
CSP0265	FACIALS/SKIN CARE SP Facials/Skin Care Specialist	/Y	PA	2.0	
8757300	NAILS SPEC Nails Specialty	9-12,30,31 /			COSMETOL @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 SPECT 2 Nails Specialty 2/Level 2	/S	VO	0.5	
8757320	NAILS SPECT 3 Nails Specialty 3/Level 2	/Y	VO	1.0	
I120414	NAILS SPECIALTY Nails Specialty	30,31 /			COSMETOL @7 G NAIL TEC 7 G
CSP0015	MANICUR & PEDICUR Manicurist and Pedicurist	/Y	PA	2.0	

CONSUMER SERVICES CAREER PATH (HMPE)

H170205	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	

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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
H170408	UNIT 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	MULTIPLE	FAM CON SC 1
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	MULTIPLE	VOC HM EC @4 FAM CON SC 1
✕8900420	HUMAN SERVICES OJT Human Services Cooperative Education OJT	9-12,30,31 /M	VO	MULTIPLE	GEN HME EC @2 HME EC OCC #7 @7 G BARBERING @7 G PERS SERV @7 G HOMEMAKING #7 @2 @7 G FAM CON SC 1 COSMETOL @7 G
✕D609999	HUMAN SERVICES OJT Human Services Cooperative Education OJT	30,31 /			GEN HME EC @2 HME EC OCC #7 @7 G BARBERING @7 G PERS SERV @7 G HOMEMAKING #7 @2 @7 G FAM CON SC 1 COSMETOL @7 G
✕8901000	HUMAN SERVICES DS Human Services Directed Study	1112,30,31 /M	VO	MULTIPLE	GEN HME EC @2 HME EC OCC #7 @7 G BARBERING @7 G PERS SERV @7 G HOMEMAKING #7 @7 G FAM CON SC 1 COSMETOL @7 G
✕8960350	INTRO HUMAN SERVICES Introduction to Human Service Careers	6-8 /S	VO	MULTIPLE	VOC HM EC @4 FAM CON SC 1
✕8960360	INTRO HUMAN SER/CP Introduction to Human Service Careers and Career Planning	6-8 /S	VO	MULTIPLE	VOC HM EC @4 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

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COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
----- INFORMATION TECHNOLOGY (IT) CAREER CLUSTER -----					
NETWORK SYSTEMS CAREER PATH (ITPA) -----					
9001300	APPLIED CYBERSECURIT Applied Cybersecurity	9-12,30,31 /			BUS ED 1 @2 CYBER TECH 7 G COMPU SCI 6
9001310	IT FUNDAMENTALS IT Fundamentals/ Level 2 OR	/Y	VO	1.0	
8207310	INTROD TO INFO TECH Introduction to 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 & ANAL 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	APPLIED CYBERSECURIT Applied Cybersecurity	9-12,30,31 /			BUS ED 1 @2 CYBER TECH 7 G COMPU SCI 6
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	

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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	CAREER AND TECHNICAL EDUCATION	
					CERTIFICATION	
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		
9001200	CPT SYS & INFO TECH Computer Systems & Information Technology (CSIT)	9-12,30,31 /			COMP SVC @7 G CYBER TECH 7 G COMPU SCI 6	INFO TECH 7 G BUS ED 1 @2 ELECTRONIC @7 ?7 G
9001210	CSIT FOUNDATIONS CSIT Foundations/Level 3	/Y	VO	1.0		
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		
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		
9Y100200	CPT SYS & INFO TECH Computer Systems & Information Technology (CSIT)	30,31 /			COMP SVC @7 G CYBER TECH 7 G COMPU SCI 6	INFO TECH 7 G BUS ED 1 @2 ELECTRONIC @7 ?7 G
CTS0082	CPT SYSTEMS TECH Computer Systems Technician	/Y	VO	2.0		
CTS0083	CPT NETWORK TECH Computer Network Technician	/Y	VO	1.0		
CTS0084	CPT NETWORKING SPEC Computer Networking Specialist	/Y	VO	1.0		
CTS0069	CPT SECURITY TECH Computer Security Technician	/Y	VO	2.0		
8732100	CPTR SYSS TECH Computer Systems Technology	9-12,30,31 /			BUS MACH @7 G ELECTRONIC @7 G	COMP SVC @7 G INFO TECH 7 G
8732110	CPT SYSS TECH 1 Computer Systems Technology 1/Level 3	/Y	VO	1.0		
8732120	CPT SYSS TECH 2 Computer Systems Technology 2/Level 3	/Y	VO	1.0		
8732130	CPT SYSS TECH 3 Computer Systems Technology 3/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	GRADUATION REQUIREMENTS					CERTIFICATION	
8732140	CPT SYSS TECH 4 Computer Systems Technology 4/Level 3		/Y	VO	1.0							
8732150	CPT SYSS TECH 5 Computer Systems Technology 5/Level 3		/Y	VO	1.0							
8732160	CPT SYSS TECH 6 Computer Systems Technology 6/Level 3		/Y	VO	1.0							
8732170	CPT SYSS TECH 7 Computer Systems Technology 7/Level 3		/Y	VO	1.0							
8732180	CPT SYSS TECH 8 Computer Systems Technology 8/Level 3		/Y	VO	1.0							
8732190	CPT SYSS TECH 9 Computer Systems Technology 9/Level 3		/Y	VO	1.0							
8732191	CPT SYSS TECH 10 Computer Systems Technology 10/Level 3		/Y	VO	1.0							
8732192	CPT SYSS TECH 11 Computer Systems Technology 11/Level 3		/Y	VO	1.0							
^a I470104	^a CPT SYSS TECH Computer Systems Technology	30,31	/			COMP SVC BUS MACH	@7 @7	G G		ELECTRONIC INFO TECH	@7 7	G G
EEV0501	END USER SPT TECH End User Support Technician		/Y	VO	3.0							
EEV0502	PC ELECT INSTALLER PC Electronics Installer		/Y	VO	1.0							
EEV0503	CPT SUP SPEC-LAN Computer Support Specialist - LAN Technician		/Y	VO	2.0							
EEV0506	FIELD SERVICE TECH Field Service Technician		/Y	VO	2.0							
EEV0508	DIGITAL ELECT TECH Digital Electronics Technician		/Y	VO	3.0							
^a I47011R	CPT SYSS TECH-APPR Computer Systems Technology - Apprenticeship	30,31	/									
^a J500100	^a CPT SYSS TECH 1 Computer Systems Technology 1	30,31	/			COMP SVC BUS MACH	@7 @7	G G		ELECTRONIC INFO TECH	@7 7	G G
EEV0501	END USER SPT TECH End User Support Technician		/Y	VO	3.0							
EEV0502	PC ELECT INSTALLER PC Electronics Installer		/Y	VO	1.0							
EEV0503	CPT SUP SPEC-LAN Computer Support Specialist - LAN Technician		/Y	VO	2.0							
^a J500200	^a CPT SYSS TECH 2 Computer Systems Technology 2	30,31	/			COMP SVC BUS MACH	@7 @7	G G		ELECTRONIC INFO TECH	@7 7	G G

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EEV0506	FIELD SERVICE TECH Field Service Technician	/Y	VO	2.0	
EEV0508	DIGITAL ELECT TECH Digital Electronics Technician	/Y	VO	3.0	
8208000	NETWK SPT SERS Network Support Services	9-12,30,31 /			BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G CLERICAL @7 G TEC ELEC \$7 G COMP SVC @7 G VOE @7 BUS DP @7 G BOOKKEEPIN @4 7 G SECRETAR @7 G COMPU SCI 6
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO	0.5	
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO	0.5	
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	PA	1.0	
8207310	INTROD TO INFO TECH Introduction to Information 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	
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	NETWK SPT SERS Network Support Services	30, 31 /			BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G CLERICAL @7 G TEC ELEC \$7 G COMP SVC @7 G VOE @7 BUS DP @7 G BOOKKEEPIN @4 7 G SECRETAR @7 G COMPU SCI 6
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA	1.0	

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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	NET SPT ADMIN Network Support Administrator	/Y	VO	1.0	
CTS0024	SR NET ADMINISTRATOR Senior Network Administrator	/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	
8207440	NETWK SYSS ADMIN Network Systems Administration	9-12,30,31 /			BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G CLERICAL @7 G TEC ELEC \$7 G COMP SVC @7 G VOE @7 BUS DP @7 G BOOKKEEPIN @4 7 G SECRETAR @7 G COMPU SCI 6
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO	0.5	
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO	0.5	
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	PA	1.0	
8207310	INTROD TO INFO TECH Introduction to 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	

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B079300	NETWK SYSS ADMIN Network Systems Administration	30, 31 /			BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G CLERICAL @7 G TEC ELEC \$7 G COMP SVC @7 G VOE @7 BUS DP @7 G BOOKKEEPIN @4 7 G SECRETAR @7 G 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	
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	
8207340	PC SPT SERS PC Support Services	9-12,30,31 /			BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G CLERICAL @7 G TEC ELEC \$7 G ACCTING @7 VOE @7 BUS DP @7 G BOOKKEEPIN @4 7 G SECRETAR @7 G COMPU SCI 6 MANAG SUPV @7
8200320	KEYBD & BUS SK & Keyboarding and Business skills/ Level 2 AND	/S	VO	0.5	
8200330	CPT & BUS SK OR Computer and Business skills/Level 2 OR	/S	VO	0.5	
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	PA	1.0	
8207310	INTROD TO INFO TECH Introduction to Information Technology /Level 2	/Y	PA	1.0	
8207210	PC SUPPORT 1 PC Support 1/Level 2	/Y	VO	1.0	
8207220	PC SUPPORT 2 PC Support 2/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 GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8207230	PC SUPPORT 3 PC Support 3/Level 3		/Y VO	1.0	
8207240	PC SUPPORT 4 PC Support 4/Level 3		/Y VO	1.0	
8207250	PC SUPPORT 5 PC Support 5/Level 3		/Y VO	1.0	
B070400	PC SUPPORT SERS PC Support Services	30, 31	/		BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G CLERICAL @7 G TEC ELEC \$7 G ACCTING @7 VOE @7 BUS DP @7 G BOOKKEEPIN @4 7 G SECRETAR @7 G COMPU SCI 6 MANAG SUPV @7
OTA0040	INFO TECH ASST Information Technology Assistant		/Y PA	1.0	
CTS0086	HELP DESK SPT ASST Help Desk Support Assistant		/Y VO	2.0	
CTS0087	HELP DESK TECH Help Desk Technician		/Y VO	2.0	
CTS0088	HELP DESK ANALYST Help Desk Analyst		/Y VO	1.0	
▫B07040R	PC SUPPORT SERS-APPR PC Support Services - Apprenticeship	30, 31	/		

INFORMATION SUPPORT & SERVICES CAREER PATH (ITPB)

▫9003400	APPL INFO TECH Applied Information Technology	9-12,30,31	/		BUS ED 1 @2 INFO TECH 7 G COMPU SCI 6
8207310	INTROD TO INFO TECH Introduction to 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	
9003430	IT SYS & 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	

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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
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	APPL 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	VO	1.0	
CTS0075	MULTIMEDIA SYSTEMS Multimedia Systems	/Y	VO	1.0	
CTS0025	COMPUTER NETWORKING Computer Networking	/Y	VO	1.0	
CTS0068	CYBERSECURITY ESSEN Cybersecurity Essentials	/Y	VO	1.0	
8206400	DATAB PGM ESSEN Database and Programming Essentials	9-12,30,31	/		BUS ED 1 @2 COMPU SCI 6
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO	0.5	
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO	0.5	
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	PA	1.0	
8207310	INTROD TO INFO TECH Introduction to Information Technology /Level 2	/Y	PA	1.0	
8206410	DATAB FUND Database Fundamentals/Level 2	/S	VO	0.5	
8206420	DATA CONTROL & FUNC Data Control and Functions/Level 2	/S	VO	0.5	

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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	CAREER AND TECHNICAL EDUCATION		
					CERTIFICATION		
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	DATAB PGM ESSEN Database and Programming Essentials	30,31	/		BUS ED	1 @2	COMPU SCI 6
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA	1.0			
CTS0046	DATABASE FUNDAMENTAL Database Fundamentals	/Y	VO	1.0			
CTS0047	SPEC DATABASE PROG Specialized Database Programming	/Y	VO	1.0			
CTS0067	SPEC DATABASE APPS Specialized Database Applications	/Y	VO	1.0			
8600200	GIS TECH 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 TECH Geospatial/Geographic Information Systems (GIS) Technology	30,31	/		SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE		
GIS0090	GIS TECH ASST GIS Technician Assistant	/Y	PA	2.0			
GIS0091	GIS TECHNICIAN GIS Technician	/Y	PA	2.0			
^a 8207300	^a INFORMATION TECH Information Technology	9-12,30,31	/		BUS ED ELECT DP	1 @2 @7 G	BUS DP @7 G COMPU SCI 6
8207310	INTROD TO INFO TECH Introduction to Information Technology /Level 2	/Y	PA	1.0			
8207320	IT PGM/DATAB IT Programming/Database/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 GRADUATION REQUIREMENTS	CREDIT	CAREER AND TECHNICAL EDUCATION			
					CERTIFICATION			
8203051	IT TECH SPT/NETWORK IT Technical Support/Networking/Level 3	/Y	VO	1.0				
8207360	IT WEB/DIG MEDIA IT Web/Digital Media/Level 3	/Y	PA	1.0				
8207350	IT INTERNSHIP IT Internship/Level 2	/Y	VO	1.0				
^a Y300300	^a INFORMATION TECH Information Technology	30,31	/		BUS ED ELECT DP	1 @2 @7 G	BUS DP COMPU SCI	@7 6 G
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA	1.0				
CTS0040	IT PROG & DATABASE IT Programming & Database	/Y	VO	1.0				
CTS0099	IT TECH SPT & NETWRK IT Technical Support & Networking	/Y	VO	1.0				
CTS0079	IT WEB & DIG MEDIA IT Web and Digital Media	/Y	PA	1.0				
CTS0940	IT INTERNSHIP IT Internship	/Y	VO	1.0				
^α Y30030R	INFO TECH - APPR Information Technology - Apprenticeship	30,31	/					

INTERACTIVE MEDIA CAREER PATH (ITPC)

B082400	GAME/SIM/ANI ADV APP Game/Simulation/Animation Advanced Applications	30,31	/		BUS ED COMM ART	1 @2 @7 G	COMPU SCI TV PRO TEC	6 @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 COMM ART	1 @2 @7 G	COMPU SCI TV PRO TEC	6 @7 G
8208200	GAME/SIM/ANI AUD/VID Game/Simulation/Animation Audio/Video Effects	9-12,30,31	/			BUS ED COMM ART	1 @2 @7 G	COMPU SCI TV PRO TEC	6 @7 G
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				

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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	
B082200	GAME/SIM/ANI AUD/VID Game/Simulation/Animation Audio/Video Effects	30,31 /			BUS ED 1 @2 COMM ART @7 G COMPU SCI 6 TV PRO TEC @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 COMM ART @7 G COMPU SCI 6 TV PRO TEC @7 G
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 2	/Y	VO	1.0	
8208340	MULTI-USER GAME &SIM Multi-User Game & Simulation Programming/Level 2	/Y	PA	1.0	
B082300	GAME/SIM/ANI PGM Game/Simulation/Animation Programming	30,31 /			BUS ED 1 @2 COMM ART @7 G COMPU SCI 6 TV PRO TEC @7 G
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 COMM ART @7 G COMPU SCI 6 TV PRO TEC @7 G
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	

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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 COMM ART @7 G COMPU SCI 6 TV PRO TEC @7 G
DIG0070	GAME/SIM DESIGNER Game/Simulation Designer	/Y	PA	2.0	
DIG0071	GAME/SIM GRAPH ART Game/Simulation Graphic Artist	/Y	VO	1.0	
DIG0072	GAME/SIM 3D ANIMATOR Game/Simulation 3D Animator	/Y	VO	1.0	
8212400	MULTIMED DESIGN TECH Multimedia Design Technology	9-12,30,31 /			BUS ED 1 @2 CLERICAL @7 G TEACH CBE @7 ELECT DP @7 G COMPU SCI 6 COMM ART @7 G TEC ED 1 @2 VOE @7 BUS DP @7 G SECRETAR @7 G TEC ELEC \$7 G STENOG @4 TV PRO TEC @7 G PRINTING @7 G
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO	0.5	
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO	0.5	
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	PA	1.0	
8207310	INTROD TO INFO TECH Introduction to Information Technology /Level 2	/Y	PA	1.0	
8212430	MULTIMED FOUND 1 Multimedia Foundations 1/Level 2	/Y	PA	1.0	
8212440	MULTIMED FOUND 2 Multimedia Foundations 2/Level 2	/Y	PA	1.0	
8212450	MULTIMED FOUND 3 Multimedia Foundations 3/Level 2	/Y	PA	1.0	
8207110	WEB DESIGN 1 Web Design 1/Level 2	/Y	PA	1.0	

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B070200	MULTIMED DESIGN TECH Multimedia Design Technology	30,31 /			BUS ED 1 @2 CLERICAL @7 G TEACH CBE @7 ELECT DP @7 G COMPU SCI 6 COMM ART @7 G TEC ED 1 @2 VOE @7 BUS DP @7 G SECRETAR @7 G TEC ELEC \$7 G STENOG @4 TV PRO TEC @7 G PRINTING @7 G
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA	1.0	
GRA0005	MULTIMED PROD ASST Multimedia Production Assistant	/Y	PA	1.0	
GRA0006	MULTIMED JR DSN Multimedia Junior Designer	/Y	PA	3.0	
GRA0007	MULTIMED DESIGNER Multimedia Designer	/Y	VO	1.0	
GRA0008	MULTIMED PRODUCER Multimedia Producer	/Y	VO	2.0	
GRA0009	MULTIMEDIA SPEC Multimedia Specialist	/Y	VO	1.0	
Y600100	MULTIMED DSN TECH 1 Multimedia Design Technology 1	30,31 /			BUS ED 1 @2 CLERICAL @7 G TEACH CBE @7 ELECT DP @7 G COMPU SCI 6 COMM ART @7 G TEC ED 1 @2 VOE @7 BUS DP @7 G SECRETAR @7 G TEC ELEC \$7 G STENOG @4 TV PRO TEC @7 G PRINTING @7 G
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA	1.0	
GRA0005	MULTIMED PROD ASST Multimedia Production Assistant	/Y	PA	1.0	
GRA0006	MULTIMED JR DSN Multimedia Junior Designer	/Y	PA	3.0	
Y600200	MULTIMED DSN TECH 2 Multimedia Design Technology 2	30,31 /			BUS ED 1 @2 CLERICAL @7 G TEACH CBE @7 ELECT DP @7 G COMPU SCI 6 COMM ART @7 G TEC ED 1 @2 VOE @7 BUS DP @7 G SECRETAR @7 G TEC ELEC \$7 G STENOG @4 TV PRO TEC @7 G PRINTING @7 G
GRA0007	MULTIMED DESIGNER Multimedia Designer	/Y	VO	1.0	
GRA0008	MULTIMED PRODUCER Multimedia Producer	/Y	VO	2.0	

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GRA0009	MULTIMEDIA SPEC Multimedia Specialist	/Y	VO	1.0	
8207400	NEW MEDIA TECH New Media Technology	9-12,30,31 /			BUS ED 1 @2 TEACH CBE @7 TEC ELEC \$7 G BUS DP @7 G WHOLESALE @7 G COMPU SCI 6 TEC ED 1 @2 COMP SVC 7 G CLERICAL @7 G ELECT DP @7 G COMM ART @7 G VOE @7 STENOGRAPH @4 TV PRO TEC @7 G SECRETAR @7 G
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO	0.5	
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO	0.5	
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	PA	1.0	
8207310	INTROD TO INFO TECH Introduction to Information Technology /Level 2	/Y	PA	1.0	
8207410	NEW MEDI DIG IM FUND New Media and Digital Imaging Fundamentals/Level 2	/Y	PA	1.0	
8207420	DIG VID SOUND FUND Digital Video and Sound Fundamentals/ Level 2	/Y	PA	1.0	
8207110	WEB DESIGN 1 Web Design 1/Level 2	/Y	PA	1.0	
B077400	NEW MEDIA TECH New Media Technology	30,31 /			BUS ED 1 @2 TEACH CBE @7 TEC ELEC \$7 G BUS DP @7 G SECRETAR @7 G COMPU SCI 6 TEC ED 1 @2 WHOLESALE @7 G CLERICAL @7 G ELECT DP @7 G COMM ART @7 G VOE @7 STENOGRAPH @4 TV PRO TEC @7 G COMP SVC 7 G
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA	1.0	
GRA0001	PRESENTATION SPEC Presentation Specialist	/Y	PA	1.0	

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GRA0002	PRESENT GRAPH ARTIST Presentation Graphic Artist	/Y	PA	1.0	
GRA0003	WEB PROD/DESIGN ASST Web Production/Design Assistant	/Y	PA	1.0	
^a 8207500	^a WEB DESIGN Web Design	9-12,30,31 /			BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G STENOG @4 COMPU SCI 6 COMM ART @7 G VOE @7 BUS DP @7 G SECRETAR @7 G TEC ELEC \$7 G CLERICAL @7 G
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO	0.5	
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO	0.5	
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	PA	1.0	
8207310	INTROD TO INFO TECH Introduction to Information Technology /Level 2	/Y	PA	1.0	
8207110	WEB DESIGN 1 Web Design 1/Level 2	/Y	PA	1.0	
8207120	WEB DESIGN 2 Web Design 2/Level 3	/Y	PA	1.0	
8207130	WEB DESIGN 3 Web Design 3/Level 3	/Y	PA	1.0	
8207140	WEB DESIGN 4 Web Design 4/Level 3	/Y	PA	1.0	
8207150	WEB DESIGN 5 Web Design 5/Level 3	/Y	PA	1.0	
8207160	WEB DESIGN 6 Web Design 6/Level 3	/Y	PA	1.0	
^a B070500	^a WEB DESIGN Web Design	30, 31 /			BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G STENOG @4 COMPU SCI 6 CLERICAL @7 G VOE @7 BUS DP @7 G SECRETAR @7 G TEC ELEC \$7 G COMM ART @7 G
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA	1.0	

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					CERTIFICATION	
CTS0076	ASST WEB DESIGNER Assistant Web Designer	/Y	PA	2.0		
CTS0077	WEB DESIGNER Web Designer	/Y	PA	2.0		
CTS0078	SR WEB DESIGNER Senior Web Designer	/Y	PA	2.0		
9001100	WEB DEVELOPMENT Web Development	9-12,30,31 /			BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G STENOGR @4 COMPU SCI 6 CLERICAL @7 G	VOE @7 BUS DP @7 G SECRETAR @7 G TEC ELEC \$7 G COMM ART @7 G WEB DEV 7 G
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO	0.5		
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO	0.5		
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	PA	1.0		
8207310	INTROD TO INFO TECH Introduction to 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 ED 1 @2 TEACH CBE @7 ELECT DP @7 G STENOGR @4 COMPU SCI 6 WEB DEV 7 G	VOE @7 BUS DP @7 G SECRETAR @7 G TEC ELEC \$7 G CLERICAL @7 G COMM ART @7 G

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OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA	1.0	
CTS0070	WEB DESIGN FOUND Web Design Foundations	/Y	VO	1.0	
CTS0071	WEB INTERFACE DSN Web Interface Design	/Y	VO	1.0	
CTS0049	WEB SCRIPTING Web Scripting	/Y	VO	1.0	
CTS0015	WEB MEDIA INTEGRAT Web Media Integration	/Y	VO	1.0	
CTS0016	WEB E-COMMERCE Web E-Commerce	/Y	VO	1.0	
CTS0017	WEB INTERACTIVITY Web Interactivity	/Y	VO	1.0	
^a B079200	^a WEB PGM SERS Web Programming Services	30, 31	/		BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G COMPU SCI 6 VOE @7 BUS DP @7 G TEC ELEC \$7 G
CTS0011	WEB DEVELOPER ASST Web Developer Assistant	/Y	VO	1.0	
CTS0012	DATABASE SPEC Database Specialist	/Y	VO	1.0	
CTS0013	JR APP DEVELOPER Junior Application Developer	/Y	VO	2.5	
CTS0014	WEB APP DEVELOPER Web Application Developer	/Y	VO	2.5	
PROGRAMMING & SOFTWARE DEVELOPMENT CAREER PATH (ITPD)					
^x 9007400	.NET PROGRAMMING .NET Programming	9-12,30,31	/		BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
8207310	INTROD TO INFO TECH Introduction to 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	OBJ-ORIENT PROG Object-Oriented Programming Fundamentals/Level 3	/Y	VO	1.0	

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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 PROGRAMMING .NET Programming	30,31	/		BUS ED COMP PROG	1 @2 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	CPT PROGRAMMER Computer Programmer	/Y	VO	1.0		
CTS0032	.NET PROGRAMMER .NET Programmer	/Y	VO	3.0		
a8206500	aBUSINESS CPTR PGM Business Computer Programming	9-12,30,31	/		BUS ED TEACH CBE TEC ELEC BOOKKEEPIN	1 @2 @7 \$7 G @4 @7 G
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO	0.5		VOE @7 BUS DP @7 G ELECT DP @7 G COMPU SCI 6
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO	0.5		
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	PA	1.0		
8207310	INTROD TO INFO TECH Introduction to Information Technology /Level 2	/Y	PA	1.0		
8206010	BUS CPT PGM 1 Business Computer Programming 1/ Level 2	/Y	VO	1.0		
8206020	BUS CPT PGM 2 Business Computer Programming 2/ Level 2	/Y	VO	1.0		

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8206030	BUS CPT PGM 3 Business Computer Programming 3/ Level 2	/Y	VO	1.0	
8206040	BUS CPT PGM 4 Business Computer Programming 4/ Level 2	/Y	VO	1.0	
8206050	BUS CPT PGM 5 Business Computer Programming 5/ Level 3	/Y	VO	1.0	
8206060	BUS CPT PGM 6 Business Computer Programming 6/ Level 3	/Y	VO	1.0	
8206070	BUS CPT PGM 7 Business Computer Programming 7/ Level 3	/Y	VO	1.0	
^a B070320	^a BUSINESS CPTR PGM Business Computer Programming	30, 31	/		BUS ED 1 @2 TEACH CBE @7 TEC ELEC \$7 G BOOKKEEPIN @4 @7 G VOE @7 BUS DP @7 G ELECT DP @7 G COMPU SCI 6
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	CPT PROGRAMMER Computer Programmer	/Y	VO	1.0	
^α 9007300	DB APP DEV & PROG Database Application Development and Programming	9-12,30,31	/		BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
8207310	INTROD TO INFO TECH Introduction to 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	OBJ-ORIENT PROG Object-Oriented Programming Fundamentals/Level 3	/Y	VO	1.0	

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			GRADUATION REQUIREMENTS			CERTIFICATION	
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 COMP PROG	1 @2 7 G COMPU SCI 6
OTA0040	INFO TECH ASST Information Technology Assistant		/Y	PA	1.0		
CTS0041	CPT PROGRAMMER ASST Computer Programmer Assistant		/Y	VO	2.0		
CTS0044	CPT PROGRAMMER Computer Programmer		/Y	VO	1.0		
CTS0062	DATABASE PROGRAMMER Database Programmer		/Y	VO	4.0		
Y9007200	JAVA DEV & PROG Java Development and Programming	9-12,30,31	/			BUS ED COMP PROG	1 @2 7 G COMPU SCI 6
8207310	INTROD TO INFO TECH Introduction to 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	OBJ-ORIENT 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		

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Y700200	JAVA DEV & PROG Java Development and Programming	30,31 /			BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA	1.0	
CTS0041	CPT PROGRAMMER ASST Computer Programmer Assistant	/Y	VO	2.0	
CTS0044	CPT PROGRAMMER Computer Programmer	/Y	VO	1.0	
CTS0031	JAVA DEVELOPER Java Developer	/Y	VO	4.0	
Y9007500	WEB APPL DEV & PROG Web Application Development and Programming	9-12,30,31 /			BUS ED 1 @2 COMP PROG 7 G COMPU SCI 6
8207310	INTROD TO INFO TECH Introduction to 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	OBJ-ORIENT PROG Object-Oriented Programming Fundamentals/Level 3	/Y	VO	1.0	
9007510	WEB PROGRAMMING Web Programming/Level 3	/Y	VO	1.0	
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 1 @2 COMP PROG 7 G COMPU SCI 6
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	PA	1.0	
CTS0041	CPT PROGRAMMER ASST Computer Programmer Assistant	/Y	VO	2.0	
CTS0044	CPT PROGRAMMER Computer Programmer	/Y	VO	1.0	
CTS0034	WEB PROGRAMMER Web Programmer	/Y	VO	3.0	

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	/S	VO	MULTIPLE	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
----- MIDDLE SCHOOL PROGRAMS -----									
✕9009350	EXPLOR IT CAREERS Exploring Information Technology Careers	6-8	/S	VO	MULTIPLE	BUS ED INFO TECH DIGI MEDIA COMP PROG	1 @2 7 G 7 G 7 G		COMPU SCI 6 WEB DEV 7 G CYBER TECH 7 G
✕9009360	EXPLOR IT CAREERS/CP Exploring Information Technology Careers and Career Planning	6-8	/S	VO		BUS ED INFO TECH DIGI MEDIA COMP PROG	1 @2 7 G 7 G 7 G		COMPU SCI 6 WEB DEV 7 G CYBER TECH 7 G
✕9009400	FUND OF NET & INFO Fundamentals of Networking and Information Support	6-8	/Y	VO		BUS ED INFO TECH	1 @2 7 G		COMPU SCI 6 CYBER TECH 7 G
✕9009500	FUND OF WEB & SOFT Fundamentals of Web and Software Development	6-8	/Y	VO		BUS ED INFO TECH COMP PROG	1 @2 7 G 7 G		COMPU SCI 6 WEB DEV 7 G
✕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					
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 WEB DEV CYBER TECH	1 @2 7 G 7 G		INFO TECH 7 G COMP PROG 7 G DIGI MEDIA 7 G
✕Y509999	IT OJT Information Technology Cooperative Education OJT	30,31	/			BUS ED WEB DEV CYBER TECH	1 @2 7 G 7 G		INFO TECH 7 G COMP PROG 7 G DIGI MEDIA 7 G
✕9000100	IT DIRECTED STUDY Information Technology Directed Study	1112,30,31	/M	VO	MULTIPLE	BUS ED WEB DEV CYBER TECH	1 @2 7 G 7 G		INFO TECH 7 G COMP PROG 7 G DIGI MEDIA 7 G

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
----- LAW, PUBLIC SAFETY & SECURITY CAREER CLUSTER -----					
CORRECTION SERVICES CAREER PATH (LWPA) -----					
^a P430112	AUX CORRECTIONAL OFR Auxiliary Correctional Officer	30,31	/		LAW ENF @7 G PUB SERV @7 G
CJK0263	FUND OF CORR AUX OFR Fundamentals of Correctional Auxiliary Officer		/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	
P430155	COMB CJSTC CORR & LE Combined CJSTC Corrections and Law Enforcement Basic Dual Cert	30,31	/		LAW ENF @7 G CORR OFF @7 G
CJK0300	INTRO TO CORRECTIONS Introduction to Corrections		/Y VO	0.0	
CJK0305	COMMUNICATIONS 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	

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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		CREDIT	CERTIFICATION
			GRADUATION REQUIREMENTS			
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	
✕CJK0290	CO TO LE INTRO & OV Correctional Crossover to Law Enforcement Introduction and Legal Overview	/Y	VO		0.0	
✕CJK0291	CO TO LE HUMAN COMM Correctional Crossover to Law Enforcement Human Interaction and Communications	/Y	VO		0.0	
✕CJK0292	CO TO LE HUMAN ISS Correctional Crossover to Law Enforcement Response to Human Issues	/Y	VO		0.0	
CJK0061	PATROL 1 Patrol 1	/Y	VO		0.0	
✕CJK0294	LE PATROL 2 Law Enforcement Patrol 2	/Y	VO		0.0	
CJK0076	CRIME SCENE INVEST Crime Scene Investigations	/Y	VO		0.0	
CJK0071	CRIMINAL INVEST Criminal Investigations	/Y	VO		0.0	
CJK0082	TRAFFIC STOPS Traffic Stops	/Y	VO		0.0	
CJK0083	DUI TRAFFIC STOPS DUI Traffic Stops	/Y	VO		0.0	
CJK0086	TRAF CRASH INVEST Traffic Crash Investigations	/Y	VO		0.0	
✕CJK0393	CROSSOVER PROG UPDAT Crossover Program Updates	/Y	VO		0.0	
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 WELLNESS Correctional Crossover to Law Enforcement Officer wellness	/Y	VO		0.0	
✕CJK0392	CROSSOVER HANDGUN Crossover Handgun Transition Course	/Y	VO		0.0	

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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		CREDIT	CAREER AND TECHNICAL EDUCATION				
			GRADUATION REQUIREMENTS			CERTIFICATION				
P43015B	COMB CJSTC (Cont.) Combined CJSTC Corrections and Law Enforcement Basic Dual Cert (Cont.)	30,31	/							
CJK0086	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					
CJK0422	DART FIRING STUN GUN Dart Firing Stun Gun		/Y	VO	0.0					
CJK0212	CROSS CORR/LE CMS HL Crossover Correctional To Law Enforcement CMS High Liability		/Y	VO	0.0					
P430145	COMB CJSTC LW & CORR Combined CJSTC Law enforcement & Corrections Basic Dual Certification	30,31	/			LAW ENF CORR OFF	@7 G @7 G		PUB SERV	@7 G
✕CJK0350	LE TO CO INTRO & LEG Law Enforcement Crossover to Correctional Introduction and Legal		/	VO	0.0					
✕CJK0352	LE TO CO OFF SAFETY Law Enforcement Crossover to Correctional Officer Safety		/	VO	0.0					
CJK0315	FACILITY & EQUIP Facility and Equipment		/	VO	0.0					
✕CJK0351	LE TO CO PROCEDURES Law Enforcement Crossover to Correctional Procedures		/	VO	0.0					
CJK0325	SPRV CORR FACILITY Supervising in a Correctional Facility		/	VO	0.0					
✕CJK0353	LE TO CO SUPV SP Law Enforcement Crossover to Supervising Special Populations		/	VO	0.0					
✕CJK0393	CROSSOVER PROG UPDAT Crossover Program Updates		/	VO	0.0					
✕CJK0354	LE TO CO OFF WELLNES Law Enforcement Crossover to Correctional Officer Wellness		/	VO	0.0					
✕CJK0392	CROSSOVER HANDGUN Crossover Handgun Transition Course		/	VO	0.0					
CJK0031	CMS FIRST AIDE/CJO CMS First Aide for Criminal Justice Officer		/Y	VO	0.0					

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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	
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		
CJK0007	INTRO TO LAW ENFORCE Introduction to Law Enforcement	/Y	VO	0.0		
CJK0008	LEGAL Legal	/Y	VO	0.0		
CJK0017	COMMUNICATIONS Communications	/S	VO	0.5		
CJK0011	HUMAN ISSUES Human Issues	/Y	VO	0.0		
CJK0061	PATROL 1 Patrol 1	/Y	VO	0.0		
CJK0062	PATROL 2 Patrol 2	/Y	VO	0.0		
CJK0076	CRIME SCENE INVEST Crime Scene Investigations	/Y	VO	0.0		
CJK0071	CRIMINAL INVEST Criminal Investigations	/Y	VO	0.0		
CJK0082	TRAFFIC STOPS Traffic Stops	/Y	VO	0.0		
CJK0083	DUI TRAFFIC STOPS DUI Traffic Stops	/Y	VO	0.0		
CJK0086	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		
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		
P430102	CORR OFFICER Correctional officer (Traditional Correctional BRTP)	30,31	/		CORR OFF PUB SERV	@7 G @7 G
CJK0300	INTRO TO CORRECTIONS Introduction to Corrections	/Y	VO	0.0		
CJK0305	COMMUNICATIONS Communications	/Y	VO	0.0		
CJK0310	OFFICER SAFETY Officer Safety	/Y	VO	0.0		

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT	SUBJECT AREA				CERTIFICATION
			GRADUATION REQUIREMENTS							
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					
CJK0340	OFF WELLNESS & PA Officer wellness and Physical Abilities		/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					
P430122	CORR PRO OFR Correctional Probation Officer	30,31	/			LAW ENF PUB SERV	@7 @7	G G	CORR OFF	@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					
CJK0255	CMS CORR PROB FIREAR CMS Correctional Probation Firearms		/Y	VO	0.0					

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT	CAREER AND TECHNICAL EDUCATION							
			GRADUATION REQUIREMENTS			CERTIFICATION							
CJK0281	CJ OFF PHY FIT TR/PO 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	/			LAW ENF CORR OFF	@7 G @7 G		PUB SERV	@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		/Y	VO	0.0								
✕CJK0235	CORR TO CPO WELLNESS Correctional Crossover to Correctional Probation Officer wellness		/Y	VO	0.0								
P430125	CROSSOVER CO TO LEO Crossover from Correctional Officer to Law Enforcement Officer	30,31	/			LAW ENF CORR OFF	@7 G @7 G		PUB SERV	@7	G		
✕CJK0290	CO TO LE INTRO & OV Correctional Crossover to Law Enforcement Introduction and Legal Overview		/Y	VO	0.0								
✕CJK0291	CO TO LE HUMAN COMM Correctional Crossover to Law Enforcement Human Interaction and Communications		/Y	VO	0.0								
✕CJK0292	CO TO LE HUMAN ISS Correctional Crossover to Law Enforcement Response to Human Issues		/Y	VO	0.0								
✕CJK0294	LE PATROL 2 Law Enforcement Patrol 2		/Y	VO	0.0								

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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	CAREER AND TECHNICAL EDUCATION			
					CERTIFICATION		CAREER CLUSTER	
✕CJK0393	CROSSOVER PROG UPDAT Crossover Program Updates		/Y VO	0.0				
✕CJK0295	CO TO LE OFF WELLNESS Correctional Crossover to Law Enforcement Officer Wellness		/Y VO	0.0				
✕CJK0392	CROSSOVER HANDGUN Crossover Handgun Transition Course		/Y VO	0.0				
P430162	CROSSOVER LEO TO CPO Crossover from Law Enforcement Officer to Correctional Probation Officer (B RTP)	30,31	/		LAW ENF CORR OFF	@7 G @7 G	PUB SERV	@7 G
CJK0252	LE CO TO CP LEGAL Law Enforcement Cross-Over to Correctional Probation Legal & Investigation		/Y VO	0.0				
CJK0256	LE CO TO CP CASELOAD Law Enforcement Cross-Over to Correctional Probation Caseload Management		/Y VO	0.0				
CJK0257	LE CO TO CP SUPERVIS Law Enforcement Cross-Over to Correctional Probation Supervision		/Y VO	0.0				
CJK0276	CORR PROB MGMT INFO Correctional Probation Management Information Systems		/Y VO	0.0				
✕CJK0393	CROSSOVER PROG UPDAT Crossover Program Updates		/Y VO	0.0				
✕CJK0235	LE TO CPO WELLNESS Law Enforcement Crossover to Correctional Probation Officer Wellness		/Y VO	0.0				
P430152	CROSSOVER LEO TO CO Crossover from Law Enforcement Officer to Correctional Officer	30,31	/		LAW ENF CORR OFF	@7 G @7 G	PUB SERV	@7 G
✕CJK0350	LE TO CO INTRO & LEG Law Enforcement Crossover to Correctional Introduction and Legal		/ VO	0.0				
✕CJK0352	LE TO CO OFF SAFETY Law Enforcement Crossover to Correctional Officer Safety		/ VO	0.0				
CJK0315	FACILITY & EQUIP Facility and Equipment		/ VO	0.0				

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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
✕CJK0351	LE TO CO PROCEDURES Law Enforcement Crossover to Correctional Procedures	/	VO	0.0	
CJK0325	SPRV CORR FACILITY Supervising in a Correctional Facility	/	VO	0.0	
✕CJK0353	LE TO CO SUPV SP Law Enforcement Crossover to Supervising Special Populations	/	VO	0.0	
✕CJK0393	CROSSOVER PROG UPDAT Crossover Program Updates	/	VO	0.0	
✕CJK0354	LE TO CO OFF WELLNES Law Enforcement Crossover to Correctional Officer Wellness	/	VO	0.0	
✕CJK0392	CROSSOVER HANDGUN Crossover Handgun Transition Course	/	VO	0.0	
P43014B	COMB CJSTC LW & CORR Crossover Correctional Officer to Correctional Probation Off (Cont.)	30,31	/		
CJK0102	CORRECTIONAL OPS Correctional Operations	/Y	VO	0.0	
L100100	JJ DET/RES OFFICER Juvenile Justice Detention/ Residential Officer	30,31	/Y		SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
CJB0250	PROF ATT OF JJ OFF Professional Attributes of a Juvenile Justice Officer	/S	VO	0.5	
CJB0251	JJ ISSUES Juvenile Justice Issues	/S	VO	0.5	
✕P430100	SEAS LAW ENF (SLETP) Seasonal Law Enforcement Training Program (SLETP)	30,31	/	0.0	LAW ENF @7 G
CJK0410	NPS LEGAL National Park Service Legal	/	VO	0.5	
CJK0411	NPS BEHAVIORAL SCI National Park Service Behavioral Science	/	VO	0.0	
CJK0412	NPS ENFORCEMENT OPS National Park Service Enforcement Operations	/	VO	0.0	
CJK0413	NPS PATROL PROCEDURE National Park Service Patrol Procedures	/	VO	0.5	

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT	CERTIFICATION
			SUBJECT AREA	GRADUATION REQUIREMENTS		
CJK0414	NPS FIREARMS National Park Service Firearms	/	VO		0.0	
CJK0415	NPS DRIVING National Park Service Driving	/	VO		0.0	
CJK0416	NPS PHYSICAL TECH National Park Service Physical Techniques	/	VO		0.0	
xCJK0422	NPS FIRING STUN GUN National Park Service Firing Stun Gun	/	VO		0.0	
EMERGENCY & FIRE MANAGEMENT SERVICES CAREER PATH (LWPB)						
a8918100	aFIRE FIGHTER Fire Fighter	10-12,30,31/				FIRE FIGHT @7 G PUB SERV @7 G
8918110	FIRE FIGHTING 1 Fire Fighting 1/Level 2	/Y	VO		1.0	
8918120	FIRE FIGHTING 2 Fire Fighting 2/Level 2	/Y	VO		1.0	
8918130	FIRE FIGHTING 3 Fire Fighting 3/Level 3	/Y	VO		1.0	
P430205	FIRE FIGHTER Fire Fighter	30,31	/			FIRE FIGHT @7 G PUB SERV @7 G
FFP0010	FIRE FIGHTER I Fire Fighter I	/Y	VO		2.0	
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	
FFP0142	MED FIRST RESPONDER Medical First Responder	/Y	VO		0.0	
P43020R	FIRE FIGHT - APPR Fire Fighter - Apprenticeship	30,31	/			
P430207	FIRE INSTRUCTOR Fire Instructor	30,31	/			FIRE FIGHT @7 G
FFP0160	FIRE INSTRUCTOR I Fire Instructor I	/Y	VO		0.0	
FFP0161	FIRE INSTRUCTOR II Fire Instructor II	/Y	VO		0.0	

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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	CAREER AND TECHNICAL EDUCATION	
					CERTIFICATION	
FFP0162	FIRE INSTRUCT III Fire Instructor III	/Y	VO	0.0		
P430202	FIRE INVESTIGATOR Fire Investigator	30,31	/		FIRE FIGHT @7	G
FFP0660	FIRE INVESTIGATOR I Fire Investigator I	/Y	VO	1.0		
FFP0661	FIRE INVEST II Fire Investigator II	/Y	VO	1.0		
P430206	FIRE OFFICER Fire Officer	30,31	/		FIRE FIGHT @7	G
FFP0760	FIRE OFFICER I Fire Officer I	/Y	VO	2.0		
FFP0761	FIRE OFFICER II Fire Officer II	/Y	VO	2.0		
P430204	FIRESAFETY INSPECT Firesafety Inspector	30,31	/		FIRE FIGHT @7	G
FFP0560	FIRESAFETY INSPECT I Firesafety Inspector I	/Y	VO	1.0		
FFP0562	FIRESAFETY 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	G
8918210	FIREFIGHTING 1 Firefighting 1/Level 2	/Y	VO	1.0		
8918220	FIREFIGHTING 2 Firefighting 2/Level 2	/Y	VO	1.0		
8918230	FIREFIGHTING 3 Firefighting 3/Level 3	/Y	VO	1.0		
P439991	POL SERV AIDE Police Service Aide	30,31	/		LAW ENF @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		
9101000	PUBLIC SAF TELE Public Safety Telecommunication	11-12,30,31/Y			LAW ENF @7 CORR OFF @7	G G
9101100	DISP: POL,FIRE, AMB Dispatcher: Police, Fire, Ambulance	/Y	VO	1.5		FIRE FIGHT @7 PUB SERV @7
P090101	PUBLIC SAF TELE Public Safety Telecommunication	30,31	/		LAW ENF @7 CORR OFF @7	G G

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT	SUBJECT AREA		CERTIFICATION
			GRADUATION REQUIREMENTS			GRADUATION REQUIREMENTS		
EMS0002	DISP: POL, FIRE, AMB Dispatcher: Police, Fire, Ambulance		/Y	VO	1.5			
P430203	PUMP OPERATOR Pump Operator	30,31	/			FIRE FIGHT	@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 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 G	PUB SERV @7 G
CJK0132	PRIVATE SEC 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 G	PUB SERV @7 G
P430110	SEA SEC OFR Seaport Security Officer	30,31	/			LAW ENF	@7 G	PUB SERV @7 G
DSC0230	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 G	PUB SERV @7 G
CJK0240	LE AUX 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			

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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			
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 JUST OPS Criminal Justice Operations	9-12,30,31 /			CORR OFF PUB SERV	@7 @7	G G	LAW ENF @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 JUST OPS Criminal Justice Operations	30,31 /			CORR OFF PUB SERV	@7 @7	G G	LAW ENF @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 /			LAW ENF CORR OFF	@7 @7	G G	PUB SERV @7 G
CJK0221	CORR CO TO LE INTRO Correctional Cross-over to Law Enforcement Introduction and Legal	/Y	VO	0.0				
CJK0222	CORR CO TO LE COMM Correctional Cross-over to Law Enforcement Communications	/Y	VO	0.0				
CJK0223	CORR CO TO LE HUMAN Correctional Cross-over to Law Enforcement Human Issues	/Y	VO	0.0				
CJK0061	PATROL 1 Patrol 1	/Y	VO	0.0				
CJK0062	PATROL 2 Patrol 2	/Y	VO	0.0				

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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		CREDIT	CAREER AND TECHNICAL EDUCATION				
			SUBJECT AREA GRADUATION REQUIREMENTS			PUB SERV		@7 G		
CJK0076	CRIME SCENE INVEST Crime Scene Investigations	/Y	VO		0.0					
CJK0071	CRIMINAL INVEST Criminal Investigations	/Y	VO		0.0					
CJK0082	TRAFFIC STOPS Traffic Stops	/Y	VO		0.0					
CJK0083	DUI TRAFFIC STOPS DUI Traffic Stops	/Y	VO		0.0					
CJK0086	TRAF CRASH INVEST Traffic Crash Investigations	/Y	VO		0.0					
✕CJK0393	CROSSOVER PROG UPDAT Crossover Program Updates	/Y	VO		0.0					
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					
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 (B RTP)	30,31	/			LAW ENF CORR OFF	@7 G @7 G	PUB SERV	@7 G	
CJK0300	INTRO TO CORRECTIONS Introduction to Corrections	/Y	VO		0.0					
CJK0287	CP CO RADIO SEARCH Correctional Probation Cross-over 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	/Y	VO		0.0					

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT	SUBJECT AREA GRADUATION				
			REQUIREMENTS							
CJK0391	CP CO CORR WELLNESS Correctional Probation Cross-over to Correctional Officer wellness		/Y	VO	0.0					
CJK0040	CMS CRIM JUST FIREAR CMS Criminal Justice Firearms		/S	VO	0.5					
P430105	LAW ENFORCEMENT OFR Law Enforcement Officer	30,31	/			LAW ENF CORR OFF	@7 @7	G G	PUB SERV	@7 G
CJK0007	INTRO TO LAW ENFORCE Introduction to Law Enforcement		/Y	VO	0.0					
CJK0008	LEGAL Legal		/Y	VO	0.0					
CJK0017	COMMUNICATIONS Communications		/S	VO	0.5					
CJK0011	HUMAN ISSUES Human Issues		/Y	VO	0.0					
CJK0061	PATROL 1 Patrol 1		/Y	VO	0.0					
CJK0062	PATROL 2 Patrol 2		/Y	VO	0.0					
CJK0076	CRIME SCENE INVEST Crime Scene Investigations		/Y	VO	0.0					
CJK0071	CRIMINAL INVEST Criminal Investigations		/Y	VO	0.0					
CJK0082	TRAFFIC STOPS Traffic Stops		/Y	VO	0.0					
CJK0083	DUI TRAFFIC STOPS DUI Traffic Stops		/Y	VO	0.0					
CJK0086	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					

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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	CAREER AND TECHNICAL EDUCATION	
					CERTIFICATION	
LEGAL SERVICES CAREER PATH (LWPE)						
P430135	BAIL BOND AGENT Bail Bond Agent	30,31 /			LAW ENF @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	MULTIPLE	LAW ENF @7 G ANY PUB SERV OCC ED G	CORR OFF @7 G
GENERAL PROGRAMS						
^a 8900222	^a EXP OF CJ OCCS & CP Exploration of Criminal Justice Occupations and Career Planning	6-8 /S	VO	MULTIPLE	LAW ENF @7 G ANY PUB SERV OCC ED G	CORR OFF @7 G
^x 9160350	INTRO LAW & PS Introduction to Law, Public Safety and Security	6-8 /S	VO	MULTIPLE	LAW ENF @7 G ANY PUB SERV OCC ED G	CORR OFF @7 G
^x 9160360	INTRO LAW & PS & CP Introduction to Law, Public Safety and Security and Career Planning	6-8 /S	VO	MULTIPLE	LAW ENF @7 G ANY PUB SERV OCC ED G	CORR OFF @7 G
^a 8900410	^a PUB SERV COOP ED-OJT [®] LAW, PS OJT ^a Public Service Cooperative Education - OJT [®] Law, Public Safety and Security Cooperative Education - OJT	9-12,30,31 /M	VO	MULTIPLE	ANY PUB SERV OCC ED G LAW ENF @7 G	CORR OFF @7 G
^a P439999	^a PUB SERV COOP ED-OJT [®] LAW, PS OJT ^a Public Service Cooperative Education -OJT [®] Law, Public Safety and Security Cooperative Education - OJT	30,31 /			ANY PUB SERV OCC ED G CORR OFF @7 G	LAW ENF @7 G
^a 8900100	^a PUB SERV DIR STUDY [®] LAW, PS DIRECTED ST ^a Public Service Education Directed Study [®] 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 G

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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
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	

|MANUFACTURING CAREER CLUSTER|
-----MANUFACTURING PRODUCTION PROCESS CAREER PATH (MNPA)

9200100	AUTO & PROD TECH Automation and Production Technology	9-12,30,31 /			AUTO PROD 7G ENG 7 G TEC ED 1 @2	ELECTRONIC @7 G
9200110	AUTO & PROD TECH 1 Automation and Production Technology 1, Level 2	/Y	VO	1.0		
9200120	AUTO & PROD TECH 2 Automation and Production Technology 2, Level 2	/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 ENG 7 G TEC ED 1 @2	ELECTRONIC @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		
^a I480202	^a CMCL SGN DESIGN&FAB Commercial Sign Design and Fabrication	30,31 /			COMM ART @7 G	
GRA0030	SCREEN PRINTER HLP Screen Printer Helper	/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	CAREER AND TECHNICAL EDUCATION	
			GRADUATION REQUIREMENTS			CERTIFICATION	
GRA0031	SCREEN PRINTER Screen Printer		/Y	VO	2.0		
GRA0032	SIGN FAB 1 Sign Fabricator 1		/Y	VO	2.0		
GRA0033	SIGN FAB 2 Sign Fabricator 2		/Y	VO	2.0		
GRA0034	SIGN ERECTOR I Sign Erector I		/Y	VO	2.0		
I48020R	CMCL SGN DSNFAB-APPR Commercial Sign Design and Fabrication - Apprenticeship	30,31	/				
I150404	ELEC & INST TECH Electrical and Instrumentation Technology	30,31	/			TEC ELEC @7 G	ELECTRONIC @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		
I15040R	ELEC & INST TECH-APP Electrical and Instrumentation Technology - Apprenticeship	30,31	/				
J110100	ELEC & INST TECH 1 Electrical and Instrumentation Technology 1	30,31	/			TEC ELEC @7 G	ELECTRONIC @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	/			TEC ELEC @7 G	ELECTRONIC @7 G
EEV0656	INSTRUMENT TECH Instrument Technician		/Y	VO	2.5		

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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
EEV0658	OP ENGR ASST STAT Operating Engineer Assistant Stationary	/Y	VO	2.5	
8743000	ENGR ASSIST Engineering Assisting	9-12,30,31 /			TEC CONSTR ¶7 ¶G MILLWRIGHT @7 G TEC EN AID ¶7 ¶G MACH SHOP @7 G ELECTRONIC @7 G BLDG CONST ¶7 ¶G IND ENGR @7 G ENG 7 G WELDING @7 G TEC ED 1 @2 SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8743010	ENGR ASSIST 1 Engineering Assisting 1/Level 2	/Y	VO	1.0	
8743020	ENGR ASSIST 2 Engineering Assisting 2/Level 2	/Y	VO	1.0	
8743030	ENGR ASSIST 3 Engineering Assisting 3/Level 2	/Y	VO	1.0	
8743040	ENGR ASSIST 4 Engineering Assisting 4/Level 2	/Y	VO	1.0	
8743050	ENGR ASSIST 5 Engineering Assisting 5/Level 2	/Y	VO	1.0	
8743060	ENGR ASSIST 6 Engineering Assisting 6/Level 2	/Y	VO	1.0	
I150603	INDUS TECH Industrial Technology	30,31 /			IND ENGR @7 G
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) -----					
8721000	BOATBLD WO & FAB Boatbuilding-wood and Fabricated	9-12,30,31 /			CAB WOODWK @7 G CARPENTRY @7 G

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT	SUBJECT AREA		CERTIFICATION
			GRADUATION REQUIREMENTS			GRADUATION REQUIREMENTS		
8721010	BOATBLD WO & FAB 1 Boatbuilding-Wood and Fabricated 1/ Level 2		/Y	VO	1.0			
8721020	BOATBLD WO & FAB 2 Boatbuilding-Wood and Fabricated 2/ Level 2		/Y	VO	1.0			
8721030	BOATBLD WO & FAB 3 Boatbuilding-Wood and Fabricated 3/ Level 2		/Y	VO	1.0			
8721040	BOATBLD WO & FAB 4 Boatbuilding-Wood and Fabricated 4/ Level 2		/Y	VO	1.0			
8721050	BOATBLD WO & FAB 5 Boatbuilding-Wood and Fabricated 5/ Level 2		/Y	VO	1.0			
8721060	BOATBLD WO & FAB 6 Boatbuilding-Wood and Fabricated 6/ Level 2		/Y	VO	1.0			
8721070	BOATBLD WO & FAB 7 Boatbuilding-Wood and Fabricated 7/ Level 2		/Y	VO	1.0			
8721080	BOATBLD WO & FAB 8 Boatbuilding-Wood and Fabricated 8/ Level 2		/Y	VO	1.0			
8721090	BOATBLD WO & FAB 9 Boatbuilding-Wood and Fabricated 9/ Level 2		/Y	VO	1.0			
I480799	BOATBLD WO & FAB Boatbuilding-Wood and Fabricated	30,31	/			CAB WOODWK @7	G	CARPENTRY @7 G
MTE0304	FIBERGLASS PLUG SPEC Fiberglass Plug Specialist		/Y	VO	2.0			
MTE0305	FIBERGLASS TECH Fiberglass Technician		/Y	VO	2.0			
MTE0306	FABRICATION SPEC Fabrication Specialist		/Y	VO	1.0			
MTE0320	WOODEN BOAT TECH Wooden Boat Technician		/Y	VO	1.0			
MTE0321	WOODEN BOAT SPEC Wooden Boat Specialist		/Y	VO	1.0			
MTE0410	BOAT SYSTEMS SPEC Boat Systems Specialist		/Y	VO	2.0			
8730300	ELECT SYS ASSEMB Electronic System Assembly	9-12,30,31	/			ELECTRONIC @7	G	TEC ELEC @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	CAREER AND TECHNICAL EDUCATION COURSES BY CAREER CLUSTER				
			GRADUATION REQUIREMENTS							
8730310	ELECT SYS ASSEMBLY 1 Electronic System Assembly 1/Level 2		/Y	VO	1.0					
8730320	ELECT SYS ASSEMBLY 2 Electronic System Assembly 2/Level 2		/Y	VO	1.0					
8730330	ELECT SYS ASSEMBLY 3 Electronic System Assembly 3/Level 2		/Y	VO	1.0					
I470129	ELECT SYS ASSEMBLY Electronic System Assembly	30,31	/			TEC ELEC	@7	G		ELECTRONIC @7 G
EEV0020	ELECT, ELECTR ASSEMB Electrical, Electronic Assembler		/Y	VO	3.0					
I48060R	IND PLASTICS - APPR Industrial Plastics - Apprenticeship	30,31	/							
8754000	MACHINING Machining	9-12,30,31	/			MACH SHOP TOOL DIE	@7 @7	G G		METAL WORK @7 G
8754010	MACHINING 1 Machining 1/Level 2		/Y	VO	1.0					
8754020	MACHINING 2 Machining 2/Level 2		/Y	VO	1.0					
8754030	MACHINING 3 Machining 3/Level 2		/Y	VO	1.0					
8754040	MACHINING 4 Machining 4/Level 3		/Y	VO	1.0					
8754050	MACHINING 5 Machining 5/Level 3		/Y	VO	1.0					
8754060	MACHINING 6 Machining 6/Level 3		/Y	VO	1.0					
8754070	MACHINING 7 Machining 7/Level 3		/Y	VO	1.0					
8754080	MACHINING 8 Machining 8/Level 3		/Y	VO	1.0					
8754090	MACHINING 9 Machining 9/Level 3		/Y	VO	1.0					
8754091	MACHINING 10 Machining 10/Level 3		/Y	VO	1.0					
I480503	MACHINING Machining	30,31	/			MACH SHOP TOOL DIE	@7 @7	G G		METAL WORK @7 G
PMT0020	MACHINIST HELPER Machinist Helper		/Y	VO	2.0					
PMT0021	MACHINE OPERATOR Machine Operator		/Y	VO	3.0					
PMT0023	MACHINE SETUP OP Machine Setup Operator		/Y	VO	3.0					

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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	CAREER AND TECHNICAL EDUCATION	
					CERTIFICATION	
PMT0025	MACHINIST Machinist	/Y	VO	2.0		
I48050R	MACHINING - APPR Machining - Apprenticeship	30,31 /				
8754300	PRECISION METAL FAB Precision Metal Fabrication	9-12,30,31 /			SHEETMETAL @7 WELDING @7	G G METAL WORK @7 G
8754310	METAL FABRICATION 1 Metal Fabrication 1/Level 2	/Y	VO	1.0		
8754320	METAL FABRICATION 2 Metal Fabrication 2/Level 2	/Y	VO	1.0		
8754330	METAL FABRICATION 3 Metal Fabrication 3/Level 2	/Y	VO	1.0		
8754340	METAL FABRICATION 4 Metal Fabrication 4/Level 2	/Y	VO	1.0		
8754350	METAL FABRICATION 5 Metal Fabrication 5/Level 2	/Y	PA	1.0		
8754360	METAL FABRICATION 6 Metal Fabrication 6/Level 2	/Y	VO	1.0		
8754370	METAL FABRICATION 7 Metal Fabrication 7/Level 2	/Y	VO	1.0		
8754380	METAL FABRICATION 8 Metal Fabrication 8/Level 2	/Y	VO	1.0		
8754390	METAL FABRICATION 9 Metal Fabrication 9/Level 2	/Y	VO	1.0		
8754391	METAL FABRICATION 10 Metal Fabrication 10/Level 2	/Y	VO	1.0		
I480504	PRECISION METAL FAB Precision Metal Fabrication	30,31 /			SHEETMETAL @7 WELDING @7	G G METAL WORK @7 G
PMT0050	METAL FAB HLP Metal Fabricator Helper	/Y	VO	3.0		
PMT0052	METAL FABRICATOR Metal Fabricator	/Y	VO	1.0		
PMT0053	METAL FAB ASSEMB 1 Metal Fabricator Assembler 1	/Y	PA	2.0		
PMT0054	METAL FAB ASSEMB 2 Metal Fabricator Assembler 2	/Y	VO	3.0		
PMT0055	STRUCT METAL FAB Structural Metal Fabricator	/Y	VO	2.0		
J310100	PRECISION MTL FAB 1 Precision Metal Fabrication 1	30,31 /			SHEETMETAL @7 WELDING @7	G G METAL WORK @7 G
PMT0050	METAL FAB HLP Metal Fabricator Helper	/Y	VO	3.0		

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT	CAREER AND TECHNICAL EDUCATION	
			GRADUATION REQUIREMENTS			CERTIFICATION	
PMT0052	METAL FABRICATOR Metal Fabricator		/Y	VO	1.0		
PMT0053	METAL FAB ASSEMB 1 Metal Fabricator Assembler 1		/Y	PA	2.0		
J310200	PRECISION MTL FAB 2 Precision Metal Fabrication 2	30,31	/			SHEETMETAL @7 G WELDING @7 G	METAL WORK @7 G
PMT0054	METAL FAB ASSEMB 2 Metal Fabricator Assembler 2		/Y	VO	3.0		
PMT0055	STRUCT METAL FAB Structural Metal Fabricator		/Y	VO	2.0		
8754100	SHEET METAL FAB TECH Sheet Metal Fabrication Technology	9-12,30,31	/			SHEETMETAL @7 G	METAL WORK @7 G
8754110	SHEET METAL FAB 1 Sheet Metal Fabrication 1/Level 2		/Y	VO	1.0		
8754120	SHEET METAL FAB 2 Sheet Metal Fabrication 2/Level 2		/Y	VO	1.0		
8754130	SHEET METAL FAB 3 Sheet Metal Fabrication 3/Level 2		/Y	VO	1.0		
8754140	SHEET METAL FAB 4 Sheet Metal Fabrication 4/Level 2		/Y	VO	1.0		
8754150	SHEET METAL FAB 5 Sheet Metal Fabrication 5/Level 2		/Y	VO	1.0		
8754160	SHEET METAL FAB 6 Sheet Metal Fabrication 6/Level 2		/Y	VO	1.0		
8754170	SHEET METAL FAB 7 Sheet Metal Fabrication 7/Level 2		/Y	VO	1.0		
8754180	SHEET METAL FAB 8 Sheet Metal Fabrication 8/Level 2		/Y	VO	1.0		
8754190	SHEET METAL FAB 9 Sheet Metal Fabrication 9/Level 2		/Y	VO	1.0		
I480506	SHEET METAL FAB TECH Sheet Metal Fabrication Technology	30,31	/			SHEETMETAL @7 G	METAL WORK @7 G
PMT0030	SHEET METAL HLP Sheet Metal Helper		/Y	VO	3.0		
PMT0032	SHEET METAL FAB Sheet Metal Fabricator		/Y	VO	1.5		
PMT0033	ARCHITECTURAL FAB Architectural Fabricator		/Y	VO	1.5		
PMT0034	COMM KITCHEN FAB Commercial Kitchen Fabricator		/Y	VO	1.5		
PMT0035	SHEET METAL WELDER Sheet Metal welder		/Y	VO	1.5		

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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	
I48052R	SH MTL FAB TECH-APPR Sheet Metal Fabrication Technology - Apprenticeship	30,31 /				
J360100	SHEET MTL FAB TECH 1 Sheet Metal Fabrication Technology 1	30,31 /			SHEETMETAL @7 G	METAL WORK @7 G
PMT0030	SHEET METAL HLP Sheet Metal Helper	/Y	VO	3.0		
PMT0032	SHEET METAL FAB Sheet Metal Fabricator	/Y	VO	1.5		
J360200	SHEET MTL FAB TECH 2 Sheet Metal Fabrication Technology 2	30,31 /			SHEETMETAL @7 G	METAL WORK @7 G
PMT0033	ARCHITECTURAL FAB Architectural Fabricator	/Y	VO	1.5		
PMT0034	COMM KITCHEN FAB Commercial Kitchen Fabricator	/Y	VO	1.5		
PMT0035	SHEET METAL WELDER Sheet Metal welder	/Y	VO	1.5		

MAINTENANCE, INSTALLATION & REPAIR CAREER PATH (MNPC)

8754500	APPLIED WELDING TECH Applied Welding Technologies	9-12,30,31 /			WELDING @7 G	METAL WORK @7 G
8754510	WELDING TECH 1 Welding Technologies 1/Level 2	/Y	VO	1.0		
8754520	WELDING TECH 2 Welding Technologies 2/Level 2	/Y	VO	1.0		
8754530	WELDING TECH 3 Welding Technologies 3/Level 2	/Y	VO	1.0		
8754540	WELDING TECH 4 Welding Technologies 4/Level 2	/Y	VO	1.0		
8754550	WELDING TECH 5 Welding Technologies 5/Level 2	/Y	VO	1.0		
8754560	WELDING TECH 6 Welding Technologies 6/Level 2	/Y	VO	1.0		
8754570	WELDING TECH 7 Welding Technologies 7/Level 2	/Y	VO	1.0		
8754580	WELDING TECH 8 Welding Technologies 8/Level 2	/Y	VO	1.0		
I480500	APPLIED WELDING TECH Applied welding Technologies	30,31 /			WELDING @7 G	METAL WORK @7 G
PMT0011	WELDER HELPER welder Helper	/Y	VO	1.5		

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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			
PMT0012	WELDER, SHIELDED MA Welder, Shielded Metal Arc	/Y	VO		2.0	
PMT0013	WELDER, GAS-METAL AR Welder, Gas-Metal Arc	/Y	VO		1.0	
PMT0014	WELDER, FLUX CORED A Welder, Flux Cored Arc	/Y	VO		0.5	
PMT0015	WELDER, GAS-TUNG ARC Welder, Gas-Tungsten Arc	/Y	VO		1.0	
PMT0016	WELDER, PIPE Welder, Pipe	/Y	VO		2.0	
I48054R	APLD WELD TECH -APPR Applied Welding Technologies - Apprenticeship	30,31	/			
^a 8775500	^a AUTO UPH & TRIM Automotive Upholstery and Trim	9-12,30,31	/			AUTO UPH @7 G
8775010	UPH & FURN REF 1 Upholstery and Furniture Refinishing 1/Level 2	/Y	VO		1.0	
8775020	UPH & FURN REF 2 Upholstery and Furniture Refinishing 2/Level 2	/Y	VO		1.0	
8775503	AUTO UPHOLSTERY 3 Automobile Upholstery 3/Level 2	/Y	VO		1.0	
8775504	AUTO UPHOLSTERY 4 Automobile Upholstery 4/Level 2	/Y	VO		1.0	
8775505	AUTO UPHOLSTERY 5 Automobile Upholstery 5/Level 2	/Y	VO		1.0	
8775506	AUTO UPHOLSTERY 6 Automobile Upholstery 6/Level 2	/Y	VO		1.0	
8775507	AUTO UPHOLSTERY 7 Automobile Upholstery 7/Level 2	/Y	VO		1.0	
8775508	AUTO UPHOLSTERY 8 Automobile Upholstery 8/Level 2	/Y	VO		1.0	
8775509	AUTO UPHOLSTERY 9 Automobile Upholstery 9/Level 2	/Y	VO		1.0	
8775510	AUTO UPHOLSTERY 10 Automobile Upholstery 10/Level 2	/Y	VO		1.0	
8775511	AUTO UPHOLSTERY 11 Automobile Upholstery 11/Level 2	/Y	VO		1.0	
^a I480313	^a AUTO UPH & TRIM Automotive Upholstery and Trim	30,31	/			AUTO UPH @7 G
HEV0001	UPHOL HELPER Upholstery Helper	/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			
HEV0441	AUTO SEAT COVER INST Automobile Seat Cover Installer	/Y	VO		2.5	
HEV0444	AUTO HEAD/DR PANEL 1 Automobile Headliner/Door Panel Installer 1	/Y	VO		2.0	
HEV0445	AUTO HEAD/DR PANEL 2 Automobile Headliner/Door Panel Installer 2	/Y	VO		2.0	
HEV0446	AUTO CARPET INSTALL Automotive Carpet Installer	/Y	VO		0.5	
HEV0447	CONV & VINYL TOP INS Convertible and Vinyl Top Installer /Automotive Upholsterer	/Y	VO		2.0	
8751300	BOAT&YCT RPR/REF TEC Boat and Yacht Repair/Refinishing Technology	9-12,30,31 /				SEAMANSHIP @7 G CARPENTRY @7 G
8751310	BOAT & YCT R/R TEC 1 Boat and Yacht Repair/Refinishing Technology 1/Level 2	/Y	VO		1.0	
8751320	BOAT & YCT R/R TEC 2 Boat and Yacht Repair/Refinishing Technology 2/Level 2	/Y	VO		1.0	
8751330	BOAT & YCT R/R TEC 3 Boat and Yacht Repair/Refinishing Technology 3/Level 2	/Y	VO		1.0	
8751340	BOAT & YCT R/R TEC 4 Boat and Yacht Repair/Refinishing Technology 4/Level 2	/Y	VO		1.0	
8751350	BOAT & YCT R/R TEC 5 Boat and Yacht Repair/Refinishing Technology 5/Level 2	/Y	VO		1.0	
8751360	BOAT & YCT R/R TEC 6 Boat and Yacht Repair/Refinishing Technology 6/Level 2	/Y	VO		1.0	
8751370	BOAT & YCT R/R TEC 7 Boat and Yacht Repair/Refinishing Technology 7/Level 2	/Y	VO		1.0	
8751380	BOAT & YCT R/R TEC 8 Boat and Yacht Repair/Refinishing Technology 8/Level 2	/Y	VO		1.0	
8751390	BOAT & YCT R/R TEC 9 Boat and Yacht Repair/Refinishing Technology 9/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		CREDIT	SUBJECT AREA			CERTIFICATION	
			GRADUATION REQUIREMENTS							
I490316	BOAT & YCT RPR TECH Boat and Yacht Repair/Refinishing Technology	30,31	/			SEAMANSHIP @7	G		CARPENTRY @7	G
MTE0360	HLP BOAT RPR/REF Helper, Boat Repairer/Refinishing		/Y	VO	2.0					
MTE0361	BOAT REF TECH Boat Refinishing Technician		/Y	VO	2.0					
MTE0376	BOAT REPAIRER 1 Boat Repairer 1		/Y	VO	3.0					
MTE0377	BOAT REPAIRER 2 Boat Repairer 2		/Y	VO	2.0					
J430100	BOAT& YCT RPR TECH 1 Boat and Yacht Repair/Refinishing Technology 1	30,31	/Y			SEAMANSHIP @7	G		CARPENTRY @7	G
MTE0360	HLP BOAT RPR/REF Helper, Boat Repairer/Refinishing		/Y	VO	2.0					
MTE0361	BOAT REF TECH Boat Refinishing Technician		/Y	VO	2.0					
J430200	BOAT& YCT RPR TECH 2 Boat and Yacht Repair/Refinishing Technology 2	30,31	/			SEAMANSHIP @7	G		CARPENTRY @7	G
MTE0376	BOAT REPAIRER 1 Boat Repairer 1		/Y	VO	3.0					
MTE0377	BOAT REPAIRER 2 Boat Repairer 2		/Y	VO	2.0					
^a I470408	^a CLK/WATCH MAK & RPR Clock/watch Making and Repair	30,31	/			INSTRMENT @7	G		WATCH REPR @7	G
PMT0650	CLK, WATCH & JEWEL TE Clock, watch and Jewelry Technician Assistant		/Y	PA	3.0					
PMT0652	CLK & WATCH RPR TECH Clock and watch Repair Technician		/Y	VO	2.0					
PMT0653	QUARTZ ANALOG TECH Quartz Analog Technician		/Y	VO	2.0					
PMT0654	CLK & WATCH MAKER Clock and watch Maker		/Y	VO	2.0					
8730000	ELECTRONIC TECH Electronic Technology	9-12,30,31	/			TEC ELEC @7	G		ELECTRONIC @7	G
8730010	ELECTRONIC 1 Electronic 1/Level 2		/Y	VO	1.0	RADIO TV @7	G		AVIONICS @7	G
8730020	ELECTRONIC 2 Electronic 2/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 GRADUATION REQUIREMENTS	CREDIT	CAREER AND TECHNICAL EDUCATION	
					CERTIFICATION	
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	/		ELECTRONIC @7 G AVIONICS @7 G	TEC ELEC @7 G RADIO TV @7 G
EEV0010	ELECTRONICS ASMBR Electronics Assembler	/Y	VO	2.0		
EEV0100	ELECTRONICS TESTER Electronics Tester	/Y	VO	3.0		
EEV0500	ELECT EQUIP RPR Electronics Equipment Repairer	/Y	VO	2.5		
EEV0616	ELECTRONICS TECH Electronics Technician	/Y	VO	3.0		
I15030R	ELECT TECH - APPR Electronic Technology - Apprenticeship	30,31	/			
J540100	ELECTRONIC TECH 1 Electronic Technology 1	30,31	/		ELECTRONIC @7 G AVIONICS @7 G	TEC ELEC @7 G RADIO TV @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	/		ELECTRONIC @7 G AVIONICS @7 G	TEC ELEC @7 G RADIO TV @7 G
EEV0500	ELECT EQUIP RPR 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	/		TEC ELEC @7 G COMP SVC @7 G	ELECTRONIC @7 G SLOT MACH 7 G

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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
EER0320	SLOT MACH ATTENDANT Slot Machine Attendant	/S	VO	0.5	
EER0321	SLOT MACHINE TECH Slot Machine Technician	/Y	VO	1.0	
^8736000	INDUS BIOTECH Industrial Biotechnology	9-12,30,31 /			SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE
3027010	BIOTECH 1 Biotechnology 1 (0.5 credit SC & 0.5 credit VOC), Level 3	/Y	SV	1.0	
3027020	BIOTECH 2 Biotechnology 2 (0.5 credit SC & 0.5 credit VOC), Level 3	/Y	SV	1.0	
8736030	BIOTECH 3 Biotechnology 3, Level 3	/Y	VO	1.0	
I47031R	INDUS MACH MAINT-APP Industrial Machinery Maintenance - Apprenticeship	30,31 /			
8743100	INDUS MACH MAINT/RPR Industrial Machinery Maintenance and Repair	9-12,30,31 /			TEC CONSTR @7 G BLDG CONST @7 G MILLWRIGHT @7 G IND ENGR @7 G
8743210	MAINT SKILLS 1 Maintenance Skills 1/Level 2	/Y	VO	1.0	
8743220	MAINT SKILLS 2 Maintenance Skills 2/Level 2	/Y	VO	1.0	
8743230	MAINT SKILLS 3 Maintenance Skills 3/Level 2	/Y	VO	1.0	
8743240	MACH MAINT 4 Machinery Maintenance 4/Level 2	/Y	VO	1.0	
8743250	MACH MAINT 5 Machinery Maintenance 5/Level 2	/Y	VO	1.0	
8743260	MACH MAINT 6 Machinery Maintenance 6/Level 2	/Y	VO	1.0	
8743170	INDUSTRIAL MAINT 7 Industrial Maintenance 7/Level 2	/Y	VO	1.0	
8743180	INDUSTRIAL MAINT 8 Industrial Maintenance 8/Level 2	/Y	VO	1.0	
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 /			TEC CONSTR @7 G MILLWRIGHT @7 G BLDG CONST @7 G IND ENGR @7 G

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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	CAREER AND TECHNICAL EDUCATION	
					CERTIFICATION	
ETI0450	INDUS MACH MAINT AST Industrial Machinery Maintenance Assistant	/Y	VO	3.0		
ETI0456	MACH MAINT MECH Machinery Maintenance Mechanic	/Y	VO	2.0		
ETI0457	MACH MAIN TECH Machinery Maintenance Technician	/Y	VO	1.0		
ETI0458	INDUS MAINT SPEC Industrial Maintenance Specialist	/Y	VO	3.0		
J590100	INDUS MACH MAINT 1 Industrial Machinery Maintenance 1	30,31	/		TEC CONSTR @7 G MILLWRIGHT @7 G	BLDG CONST @7 G IND ENGR @7 G
ETI0450	INDUS MACH MAINT AST Industrial Machinery Maintenance Assistant	/Y	VO	3.0		
ETI0456	MACH MAINT MECH Machinery Maintenance Mechanic	/Y	VO	2.0		
J590200	INDUS MACH MAINT 2 Industrial Machinery Maintenance 2	30,31	/		TEC CONSTR @7 G MILLWRIGHT @7 G	BLDG CONST @7 G IND ENGR @7 G
ETI0457	MACH MAIN TECH Machinery Maintenance Technician	/Y	VO	1.0		
ETI0458	INDUS MAINT SPEC Industrial Maintenance Specialist	/Y	VO	3.0		
8745500	JEWEL MAK & RPR Jewelry Making and Repair	9-12,30,31	/		METAL WORK @7 G	JWLY MFGR @7 G
8745501	CLK/WCH/JEWLMAK&RPR1 Clock, watch, Jewelry Making and Repair Core 1/Level 2	/Y	PA	1.0		
8745502	CLK/WCH/JEWLMAK&RPR2 Clock, watch, Jewelry Making and Repair Core 2/Level 2	/Y	PA	1.0		
8745503	CLK/WCH/JEWLMAK&RPR3 Clock, watch, Jewelry Making and Re pair Core 3/Level 2	/Y	PA	1.0		
8745504	JEWL MAK & RPR 4 Jewelry Making and Repair 4/Level 2	/Y	PA	1.0		
8745505	JEWL MAK & RPR 5 Jewelry Making and Repair 5/Level 2	/Y	PA	1.0		
8745506	JEWL MAK & RPR 6 Jewelry Making and Repair 6/Level 2	/Y	PA	1.0		
8745507	JEWL MAK & RPR 7 Jewelry Making and Repair 7/Level 2	/Y	PA	1.0		
8745508	JEWL MAK & RPR 8 Jewelry Making and Repair 8/Level 2	/Y	PA	1.0		

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			GRADUATION REQUIREMENTS			CERTIFICATION				
8745509	JEWL MAK & RPR 9 Jewelry Making and Repair 9/Level 2		/Y	PA	1.0					
8745510	JEWL MAK & RPR 10 Jewelry Making and Repair 10/Level 2		/Y	PA	1.0					
8745511	JEWL MAK & RPR 11 Jewelry Making and Repair 11/Level 2		/Y	PA	1.0					
I480602	JEWELRY MAKING & RPR Jewelry Making and Repair	30,31	/			METAL WORK @7	G		JWLY MFGR @7	G
PMT0650	CLK, WATCH & JEWL TE Clock, watch and Jewelry Technician 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	^a CERTIFIED JEWELER [®] JEWELRY FINISH TECH ^a Certified Jeweler [®] Jewelry Finishing Technician		/Y	PA	1.0					
J450400	JEWL MAKING & RPR1 Jewelry Making and Repair 1	30,31	/			METAL WORK @7	G		JWLY MFGR @7	G
PMT0650	CLK, WATCH & JEWL TE Clock, watch and Jewelry Technician 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	/			METAL WORK @7	G		JWLY MFGR @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					
PMT0645	^a CERTIFIED JEWELER [®] JEWELRY FINISH TECH ^a Certified Jeweler [®] Jewelry Finishing Technician		/Y	PA	1.0					

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			GRADUATION REQUIREMENTS			CERTIFICATION	
I470106	MAJ APP & REFG RPR Major Appliance and Refrigeration Repair	30,31	/			GAS FITTER @7	G APPLI REPR @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	REFG TECH Refrigeration Technician		/Y	VO	3.0		
8706000	MAJ APP & REFG RPR Major Appliance and Refrigeration Repair	9-12,30,31	/			GAS FITTER @7	G APPLI REPR @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		

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8706100	MAJ APP & REFR RPR10 Major Appliance and Refrigeration Repair 10/Level 2	/Y	VO	1.0		
I47010R	MAJ APP&REFG RPR APP Major Appliance and Refrigeration Repair - Apprenticeship	30,31	/			
J620100	MAJ APP & REFG RPR 1 Major Appliance and Refrigeration Repair 1	30,31	/		GAS FITTER @7	G APPLI REPR @7 G
EER0310	APPLIANCE HELPER Appliance Helper	/Y	VO	2.0		
EER0315	LAUNDRY TECH Laundry Technician	/Y	VO	2.0		
J620200	MAJ APP & REFG RPR 2 Major Appliance and Refrigeration Repair 2	30,31	/		GAS FITTER @7	G APPLI REPR @7 G
EER0317	KITCHEN TECH Kitchen Technician	/Y	VO	3.0		
ACR0046	REFG TECH Refrigeration Technician	/Y	VO	3.0		
8743200	MILLWRIGHT Millwright	9-12,30,31	/		TEC CONSTR @7	G G MILLWRIGHT @7 G
8743210	MAINT SKILLS 1 Maintenance Skills 1/Level 2	/Y	VO	1.0	BLDG CONST @7	G G IND ENGR @7 G
8743220	MAINT SKILLS 2 Maintenance Skills 2/Level 2	/Y	VO	1.0		
8743230	MAINT SKILLS 3 Maintenance Skills 3/Level 2	/Y	VO	1.0		
8743240	MACH MAINT 4 Machinery Maintenance 4/Level 2	/Y	VO	1.0		
8743250	MACH MAINT 5 Machinery Maintenance 5/Level 2	/Y	VO	1.0		
8743260	MACH MAINT 6 Machinery Maintenance 6/Level 2	/Y	VO	1.0		
8743270	MILLWRIGHT 7 Millwright 7/Level 2	/Y	VO	1.0		
8743280	MILLWRIGHT 8 Millwright 8/Level 2	/Y	VO	1.0		
8743290	MILLWRIGHT 9 Millwright 9/Level 2	/Y	VO	1.0		
I470313	MILLWRIGHT Millwright	30, 31	/		TEC CONSTR @7	G G MILLWRIGHT @7 G
					BLDG CONST @7	G G IND ENGR @7 G

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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	CAREER AND TECHNICAL EDUCATION	
					CERTIFICATION	
ETI0450	INDUS MACH MAINT AST Industrial Machinery Maintenance Assistant	/Y	VO	3.0		
ETI0456	MACH MAINT MECH Machinery Maintenance Mechanic	/Y	VO	2.0		
ETI0457	MACH MAIN TECH Machinery Maintenance Technician	/Y	VO	1.0		
ETI0459	MILLWRIGHT Millwright	/Y	VO	3.0		
I47032R	MILLWRIGHT - APPR Millwright - Apprenticeship	30,31	/			
J590400	MILLWRIGHT 1 Millwright 1	30, 31	/		TEC CONSTR @7 G BLDG CONST @7 G	MILLWRIGHT @7 G IND ENGR @7 G
ETI0450	INDUS MACH MAINT AST Industrial Machinery Maintenance Assistant	/Y	VO	3.0		
ETI0456	MACH MAINT MECH Machinery Maintenance Mechanic	/Y	VO	2.0		
J590500	MILLWRIGHT 2 Millwright 2	30, 31	/		TEC CONSTR @7 G BLDG CONST @7 G	MILLWRIGHT @7 G IND ENGR @7 G
ETI0457	MACH MAIN TECH Machinery Maintenance Technician	/Y	VO	1.0		
ETI0459	MILLWRIGHT Millwright	/Y	VO	3.0		
I469929	REL INDUS TECH Related Industrial Technology	30,31	/		ANY INDUS ED G	
ETI0085	ENGINEERING TECH Engineering Technician	/Y	VO	3.0		
^a 8775000	^a UPH & FURN REF Upholstery and Furniture Refinishing	9-12,30,31	/		FURN REPR @7 G	
8775010	UPH & FURN REF 1 Upholstery and Furniture Refinishing 1/Level 2	/Y	VO	1.0		
8775020	UPH & FURN REF 2 Upholstery and Furniture Refinishing 2/Level 2	/Y	VO	1.0		
8775030	UPH & FURN REF 3 Upholstery and Furniture Refinishing 3/Level 2	/Y	VO	1.0		
8775040	UPH & FURN REF 4 Upholstery and Furniture Refinishing 4/Level 2	/Y	VO	1.0		

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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	
8775050	UPH & FURN REF 5 Upholstery and Furniture Refinishing 5/Level 2	/Y	VO	1.0		
8775060	UPH & FURN REF 6 Upholstery and Furniture Refinishing 6/Level 2	/Y	VO	1.0		
8775070	UPHOLSTERY 7 Upholstery 7/Level 2	/Y	VO	1.0		
8775080	UPHOLSTERY 8 Upholstery 8/Level 2	/Y	VO	1.0		
8775090	UPHOLSTERY 9 Upholstery 9/Level 2	/Y	VO	1.0		
8775091	UPHOLSTERY 10 Upholstery 10/Level 2	/Y	VO	1.0		
8775092	UPHOLSTERY 11 Upholstery 11/Level 2	/Y	VO	1.0		
^a I480303	^a UPH & FURN REF Upholstery and Furniture Refinishing	30,31	/		FURN REPR @7 G	
HEV0001	UPHOL HELPER Upholstery Helper	/Y	VO	2.0		
HEV0420	SEW MACH OP, NONGARM Sewing Machine Operator, Nongarment	/Y	VO	3.0		
HEV0244	LAYOUT MACHINE OP Layout Machine Operator	/Y	VO	2.0		
HEV0430	UPH ASSEMB/FAB Upholstery Assembler/Fabricator	/Y	VO	2.0		
HEV0432	UPHOLSTERER Upholsterer	/Y	VO	2.0		
----- SUPPLEMENTAL PROGRAMS -----						
^x 9260400	FUND OF MANUFACTUR Fundamentals of Manufacturing	6-8	/S	VO	TEC ED 1 @2 AUTO PROD 7G	
^x 9260350	INTRO TO MANUFACTUR Introduction to Manufacturing	6-8	/S	VO	MULTIPLE TEC ED 1 @2 AUTO PROD 7G ENG 7 G	ELECTRONIC @7 G
^x 9260360	INTRO TO MANUF & CP Introduction to Manufacturing and Career Planning	6-8	/S	VO	MULTIPLE TEC ED 1 @2 AUTO PROD 7G ENG 7 G	ELECTRONIC @7 G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

CAREER AND TECHNICAL EDUCATION

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
✕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 /		SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE	
8700310	PRACT APPLIANCE SER Practical Appliance Service	/Y	VO	1.0	
8700320	PRAC ENGINE MECH Practical Engine Mechanics	/Y	VO	1.0	
8700330	PRAC CONST TRADES Practical Construction Trades	/Y	VO	1.0	
8700340	PRAC ELEC/ELECT Practical Electrical/Electronics	/Y	VO	1.0	
8700350	PRAC METAL WORK Practical Metal work	/Y	VO	1.0	
8700360	PRAC CMCL FOODS Practical Commercial Foods	/Y	VO	1.0	
8700370	PRAC GRAPHIC ARTS Practical Graphic Arts	/Y	VO	1.0	
8700380	PRAC DRAFTING Practical Drafting	/Y	PA	1.0	
8700390	PRAC AV CAREERS Practical Aviation Careers	/Y	VO	1.0	

|MARKETING, SALES & SERVICES CAREER CLUSTER|
-----MANAGEMENT & ENTREPRENEURSHIP CAREER PATH (MKPA)

M618020	BUSINESS OWNERSHIP Business Ownership	30,31 /		RETAILING @7 G TEACH CDE @7 MKTG MGMT @7 G BUS ED 1	DIST ED @7 WHOLESALE @7 G MKTG 1
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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	CAREER AND TECHNICAL EDUCATION					
					COURSES MEETING SUBJECT AREA		CAREER AND TECHNICAL EDUCATION			
MKA0092	(BUS OWNER) GEN MGR (Business Owner) General Manager	/Y	PA	1.0						
8812000	BUSINESS OWNERSHIP Business Ownership/Level 3	9-12,30,31 /Y	PA	1.0	RETAILING @7	G	DIST ED @7			
					TEACH CDE @7		WHOLESALE @7			G
					MKTG MGMT @7	G	MKTG 1			
					BUS ED 1					
8812100	ENTREPRENEURSHIP Entrepreneurship	9-12,30,31 /			DIST ED @7		TEACH CDE @7			
					BUS ED 1		MKTG 1			
					VOE @7		TEACH CBE @7			
					RETAILING @7	G	MKTG MGMT @7			G
					WHOLESALE @7	G				
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 /			RETAILING @7	G	DIST ED @7			
					MKTG MGMT @7	G	TEACH CDE @7			
					WHOLESALE @7	G	MKTG 1			
					VOE @7		BUS ED 1			
					TEACH CBE @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)

M200200	CERT RESIDENTIAL APP Certified Residential Appraiser	30,31 /			SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE					
REE0185	REAL EST CERT RES AP Real Estate Certified Residential Appraiser	/S	VO	0.5						
8827200	E-COMMERCE MKTG E-Commerce Marketing	9-12,30,31 /			TEACH CDE @7		DIST ED @7			
					MKTG 1		RETAILING @7			G
					MKTG MGMT @7	G	BUS ED 1			@2
8827110	MARKETING ESSENTIALS Marketing Essentials/Level 2	/Y	PA	1.0						
8827120	MKT APPLICATIONS Marketing Applications/Level 2	/Y	PA	1.0						

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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	CAREER AND TECHNICAL EDUCATION				
					COURSES MEETING SUBJECT AREA		CAREER AND TECHNICAL EDUCATION		
8827210	E-COMMERCE MKT E-Commerce Marketing/Level 2	/Y	VO	1.0					
M899992	E-COMMERCE MKT E-Commerce Marketing	30,31	/		RETAILING @7 G		TEACH CDE @7		
					DIST ED @7		MKTG 1		
					MKTG MGMT @7 G		BUS ED 1 @2		
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	/		RETAILING @7 G		TEACH CDE @7		
					DIST ED @7		MKTG 1		
					MKTG MGMT @7 G				
8806010	FASH ESSENTIALS Fashion Essentials/Level 2	/Y	PA	1.0					
8827110	MARKETING ESSENTIALS Marketing Essentials/Level 2	/Y	PA	1.0					
8806020	FASHION APPL Fashion Applications/Level 2	/Y	PA	1.0					
8827120	MKT APPLICATIONS Marketing Applications/Level 2	/Y	PA	1.0					
8806030	FASH MKT MGMT Fashion Marketing Management/Level 3	/Y	PA	1.0					
M801020	FASHION MARKETING Fashion Marketing	30,31	/		RETAILING @7 G		DIST ED @7		
					TEACH CDE @7		MKTG 1		
					MKTG MGMT @7 G				
MKA0432	SALESPERSON, RETAIL Salesperson, Retail	/Y	PA	2.0					
MKA0433	RETAIL MANAGER Retail Manager	/Y	PA	1.0					
M200300	HOME INSPECTOR Home Inspector	30,31	/		SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE				
REE0015	PRIN OF HOME INSPECT Principles of Home Inspection	/S	VO	0.5					
8839100	INTERNATIONAL MKT International Marketing	9-12,30,31	/		RETAILING @7 G		DIST ED @7		
					TEACH CDE @7		WHOLESALE @7 G		
					MKTG 1		MKTG MGMT @7 G		
8827110	MARKETING ESSENTIALS Marketing Essentials/Level 2	/Y	PA	1.0					
8839110	INTL MKT 1 International Marketing 1/Level 2	/Y	VO	1.0					
8839120	INTL MKT 2 International Marketing 2/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 GRADUATION REQUIREMENTS	CREDIT	CAREER AND TECHNICAL EDUCATION	
					CERTIFICATION	
8839130	INTL MKT 3 International Marketing 3/Level 3	/Y	VO	1.0		
M807030	INTERNATIONAL MKT International Marketing	30,31	/		RETAILING @7 G TEACH CDE @7 WHOLESALE @7 G	DIST ED @7 MKTG 1 MKTG MGMT @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		
8827100	MKT Marketing	9-12,30,31	/		TEACH CDE @7 MKTG 1 MKTG MGMT @7 G	DIST ED @7 RETAILING @7 G ADVR PROM @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		
M899991	MARKETING Marketing	30,31	/		RETAILING @7 G DIST ED @7 MKTG MGMT @7 G	TEACH CDE @7 MKTG 1 ADVR PROM @7 G
MKA0432	SALESPERSON, RETAIL Salesperson, Retail	/Y	PA	2.0		
MKA0010	MARKETING MANAGERS Marketing Managers	/Y	VO	1.0		
9303100	NON-PROFIT MKT Non-Profit Marketing	9-12,30,31	/		TEACH CDE @7 MKTG 1 MKTG MGMT @7 G	DIST ED @7 RETAILING @7 G ADVR PROM @7 G
8827110	MARKETING ESSENTIALS Marketing Essentials/Level 2	/Y	PA	1.0		
8827120	MKT APPLICATIONS Marketing Applications/Level 2	/Y	PA	1.0		
9303110	NON-PROFIT MKT MGMT Non-Profit Marketing Management/ Level 2	/Y	VO	1.0		
M200400	NON-PROFIT MKT Non-Profit Marketing	30,31	/		RETAILING @7 G DIST ED @7 MKTG MGMT @7 G	TEACH CDE @7 MKTG 1 ADVR PROM @7 G
MKA0432	SALESPERSON, RETAIL Salesperson, Retail	/Y	PA	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	CAREER AND TECHNICAL EDUCATION	
					CERTIFICATION	
MKA0510	PUBLIC REL MGRS Public Relations Managers	/Y	VO	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 ESTA BRKR Real Estate Broker	30,31	/		REAL ESTAT @7	G
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
REE0089	REAL EST SALES ASSC Real Estate Sales Associate Post Licensing	/Y	VO	0.0		
8821100	RETAIL FOOD MKT Retail Food Marketing	9-12,30,31	/		RETAILING @7 TEACH CDE @7 MKTG MGMT @7	G G G
8827110	MARKETING ESSENTIALS Marketing Essentials/Level 2	/Y	PA	1.0		
8827120	MKT APPLICATIONS Marketing Applications/Level 2	/Y	PA	1.0		
8821110	RETAIL FOOD MKT Retail Food Marketing/Level 2	/Y	VO	1.0		
M806010	RETAIL FOOD MKT Retail Food Marketing	30,31	/		RETAILING @7 TEACH CDE @7 MKTG MGMT @7	G G G
MKA0432	SALESPERSON, RETAIL Salesperson, Retail	/Y	PA	2.0		
MKA0433	RETAIL MANAGER Retail Manager	/Y	PA	1.0		
8827400	SPRT REC ENT MKT Sport, Recreation, and Entertainment Marketing	9-12,30,31	/		TEACH CDE @7 MKTG 1 MKTG MGMT @7	G G G
8827410	SPORT REC ENT ESSEN Sport, Recreation, and Entertainment Essentials/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 GRADUATION REQUIREMENTS	CREDIT	CAREER AND TECHNICAL EDUCATION	
					CERTIFICATION	
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 OR	/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	/		RETAILING @7 G DIST ED @7 MKTG MGMT @7 G	TEACH CDE @7 MKTG 1 ADVR PROM @7 G
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		

MARKETING INFORMATION MANAGEMENT & RESEARCH CAREER PATH (MKPE)

8848100	CUSTOMER SERV REPR Customer Service Representative	9-12,30,31	/Y	VO		RETAILING @7 G ADVR PROM @7 G MKTG MGMT @7 G DIST ED @7 INSURANCE @7 G TRANSPORT @7 G BUS ED 1 @2	TEACH CDE @7 HOTEL TRNG @7 G MKTG 1 BANK FINC @7 G TRANSPORT @4 WHOLESALE @7 G
8848110	CUST SER REP 1 Customer Service Representative 1/ Level 2	/Y	VO	1.0			
8848120	CUST SER REP 2 Customer Service Representative 2/ 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	CAREER AND TECHNICAL EDUCATION	
			GRADUATION REQUIREMENTS			CERTIFICATION	
8848130	CUST SER REP 3 Customer Service Representative 3/ Level 2		/Y	VO	1.0		
8848140	CUST SER REP 4 Customer Service Representative 4/ Level 2		/Y	VO	1.0		
M807060	CUSTOMER SERV REPR Customer Service Representative	30,31	/			RETAILING @7 G ADVR PROM @7 G MKTG MGMT @7 G DIST ED @7 TRANSPORT @4 WHOLESALE @7 G BUS ED 1 @2	TEACH CDE @7 HOTEL TRNG @7 G MKTG 1 INSURANCE @7 G TRANSPORT @7 G BANK FINC @7 G
MNA0135	TELECOMM CLERK Telecommunications Clerk		/Y	VO	1.0		
MNA0136	TELESALES REP Telesales Representative		/Y	VO	1.0		
MNA0084	CUST SER REP Customer Service Representative		/Y	VO	1.0		
MNA0085	CUST SER MANAGER Customer Service Manager		/Y	VO	1.0		
M600100	CUSTOMER SERV REPR 1 Customer Service Representative 1	30,31	/			RETAILING @7 G ADVR PROM @7 G MKTG MGMT @7 G DIST ED @7 TRANSPORT @4 WHOLESALE @7 G BUS ED 1 @2	TEACH CDE @7 HOTEL TRNG @7 G MKTG 1 INSURANCE @7 G TRANSPORT @7 G BANK FINC @7 G
MNA0135	TELECOMM CLERK Telecommunications Clerk		/Y	VO	1.0		
MNA0136	TELESALES REP Telesales Representative		/Y	VO	1.0		
M600200	CUSTOMER SERV REPR 2 Customer Service Representative 2	30,31	/			RETAILING @7 G ADVR PROM @7 G MKTG MGMT @7 G DIST ED @7 TRANSPORT @4 WHOLESALE @7 G BUS ED 1 @2	TEACH CDE @7 HOTEL TRNG @7 G MKTG 1 INSURANCE @7 G TRANSPORT @7 G BANK FINC @7 G
MNA0084	CUST SER REP Customer Service Representative		/Y	VO	1.0		
MNA0085	CUST SER MANAGER Customer Service Manager		/Y	VO	1.0		

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			GRADUATION REQUIREMENTS			
M807068	CUST SERV TECH-ATD Customer Service Technology-ATD	30,31	/			
MNA0087	TELEPHONE SER REP Telephone Service Representative		/Y	VO	2.0	
MNA0089	CUST SERVICE REP-ATD Customer Service Representative-ATD		/Y	VO	1.0	
----- DISTRIBUTION & LOGISTICS CAREER PATH (MKPF) -----						
M812040	IND DIST & MGMT Industrial Distribution and Management	30,31	/			RETAILING @7 G TEACH CDE @7 WHOLESALE @7 G DIST ED @7 MKTG 1 MKTG MGMT @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	/			RETAILING @7 G TEACH CDE @7 MKTG MGMT @7 G MKTG 1 WHOLESALE @7 G DIST ED @7
8809108	RETAIL ESSEN 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 SPEC 1 Parts Specialist 1/Level 2		/S	VO	0.5	
8809110	PARTS SPEC 2 Parts Specialist 2/Level 2		/Y	VO	1.0	
8809111	PARTS SPEC 3 Parts Specialist 3/Level 2		/Y	VO	1.0	

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			GRADUATION REQUIREMENTS			CERTIFICATION									
8809105	INV CON 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										
M812031	MKT MCH & PARTS OPS Marketing, Merchandising & Parts Operations	30,31	/			RETAILING	@7	G		DIST ED	@7				
						TEACH CDE	@7			MKTG	1				
						WHOLESALE	@7	G		MKTG MGMT	@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										
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	DISTRIBUTION MANAGER Distribution Manager	/Y	VO		1.0										
M700100	MKT MCH & PARTS OPS1 Marketing, Merchandising & Parts Operations 1	30,31	/			RETAILING	@7	G		DIST ED	@7				
						TEACH CDE	@7			MKTG	1				
						WHOLESALE	@7	G		MKTG MGMT	@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										

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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	
MKA0649	DISTRIBUTION MANAGER Distribution Manager	/Y	VO	1.0		
M700200	MKT MCH & PARTS OPS2 Marketing, Merchandising & Parts Operations 2	30,31	/		RETAILING @7 G TEACH CDE @7 WHOLESALE @7 G	DIST ED @7 MKTG 1 MKTG MGMT @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 DIST ED @7 MKTG MGMT @7 G	TEACH CDE @7 MKTG 1
9380300	FUND OF MARKETING Fundamentals of Marketing	6-8	/S	VO		TEACH CDE @7 BUS ED 1 MKTG MGMT @7 G	DIST ED @7 MKTG 1
9309350	INTRO MKT SAL & SR Introduction to Marketing Sales and Services	6-8	/S	VO	MULTIPLE	TEACH CDE @7 BUS ED 1 MKTG 1 @2/TC COOP ED E MKTG MGMT @7 G	DIST ED @7
9309360	INTRO MKT & CP Introduction to Marketing Sales and Services and Career Planning	6-8	/S	VO		TEACH CDE @7 BUS ED 1 MKTG 1 @2/TC COOP ED E MKTG MGMT @7 G	DIST ED @7
8800410	MARKETING COOP-OJT Marketing Cooperative Education- OJT /Level 2	9-12,30,31	/M	VO	MULTIPLE	TEACH CDE @7 MKTG 1 @2	DIST ED @7
M899990	MARKETING COOP-OJT Marketing Cooperative Education-OJT /Level 2	30,31	/			DIST ED @7 G MKTG 1 @2	TEACH CDE @7
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	

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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	CAREER AND TECHNICAL EDUCATION	
					CERTIFICATION	
8800110	ORIEN TO MKT OCCS Orientation to Marketing Occupations	6-8 /S	VO		BUS ED 1 DIST ED @7	TEACH CDE @7 MKTG 1
8800310	PRACTICAL ENTREP SK Practical Entrepreneurship Skills	9-12,30,31 /S	VO	0.5	MKTG MGMT @7 G RETAILING @7 G DIST ED @7 MKTG MGMT @7 G	TEACH CDE @7 G RETAILING @7 G MKTG 1 WHOLESALE @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 MECH @7 G	AUTO IND @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 MECH @7 G	AUTO IND @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		
AER0419	ADV AUTO BRAKE SYS Advanced Automotive Brake System Technician	/Y	VO	1.0		
AER0173	ADV AUTO HEAT&AC TEC Advanced Automotive Heating and Air Conditioning Technician	/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	CAREER AND TECHNICAL EDUCATION				
			GRADUATION REQUIREMENTS			CERTIFICATION				
AER0506	ADV AUTO ENGN PERF T Advanced Automotive Engine Performance Technician		/Y	VO	2.5					
I470604	ADV AUTO TECH Advanced Automotive Technology	30,31	/			AUTO MECH	@7	G	AUTO IND	@7 G
AER0011	AUTO MAINT TECH Automotive Maintenance Technician		/Y	VO	2.5					
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					
AER0419	ADV AUTO BRAKE SYS Advanced Automotive Brake System Technician		/Y	VO	1.0					
AER0319	ADV AUTO ELEC TECH Advanced Automotive Electrical/ Electronic System Technician		/Y	VO	2.5					
AER0173	ADV AUTO HEAT&AC TEC Advanced Automotive Heating and Air Conditioning Technician		/Y	VO	1.0					
AER0506	ADV AUTO ENGN PERF T Advanced Automotive Engine Performance Technician		/Y	VO	2.5					
8715100	AIRCR AIRFRAME MECH Aircraft Airframe Mechanics	9-12,30,31	/			AIR MECH	@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					
I470612	AIRCR AIRFRAME MECH Aircraft Airframe Mechanics	30,31	/			AIR MECH	@7	G		

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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	CAREER AND TECHNICAL EDUCATION	
					CERTIFICATION	
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		
I470622	AIRCRAFT POWPL MECH Aircraft Powerplant Mechanics	30,31 /			AIR MECH @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		
8715200	AIRCRAFT POWPL MECH Aircraft Powerplant Mechanics	9-12,30,31 /			AIR MECH @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		
8709000	AUTO COLL RPR & REF Automotive Collision Repair and Refinishing	9-12,30,31 /			AUTO IND @7	G AUTO BODY @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		

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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	
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 IND @7 G	AUTO BODY @7 G
ARR0210	PAINT & BODY HELPER Paint and Body Helper	/Y	VO	2.0		
ARR0213	PAINT & BODY ASST Paint and Body Assistant	/Y	VO	2.0		
ARR0020	AUTO COLL EST Auto Collision Estimator	/S	VO	0.5		
ARR0313	FRAME & BODY RPR Frame and Body Repairman	/Y	VO	1.0		
ARR0127	AUTO REFINISHING Automotive Refinishing	/Y	VO	2.0		
ARR0240	AUTO BODY REPAIRER Automobile Body Repairer	/Y	VO	2.0		
I47060R	AUTO COLL RPR&REF-AP Automotive Collision Repair and Refinishing - Apprenticeship	30,31 /				
T400100	AUTO COLL RPR & REF1 Automotive Collision Repair and Refinishing 1	30,31 /			AUTO IND @7 G	AUTO BODY @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	CAREER AND TECHNICAL EDUCATION COURSES BY CAREER CLUSTER									
			GRADUATION REQUIREMENTS			CERTIFICATION									
ARR0210	PAINT & BODY HELPER Paint and Body Helper	/Y	VO		2.0										
ARR0213	PAINT & BODY ASST Paint and Body Assistant	/Y	VO		2.0										
ARR0020	AUTO COLL EST Auto Collision Estimator	/S	VO		0.5										
ARR0313	FRAME & BODY RPR Frame and Body Repairman	/Y	VO		1.0										
T400200	AUTO COLL RPR & REF2 Automotive Collision Repair and Refinishing 2	30,31	/			AUTO IND	@7	G			AUTO BODY	@7	G		
ARR0127	AUTO REFINISHING Automotive Refinishing	/Y	VO		2.0										
ARR0240	AUTO BODY REPAIRER Automobile Body Repairer	/Y	VO		2.0										
8710000	AUTO DETAIL RECD Automotive Detailing and Reconditioning	9-12,30,31	/			AUTO BODY AUTO IND	@7 @7	G G			AUTO MECH	@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										
I470623	AUTO DETAIL RECD Automotive Detailing and Reconditioning	30,31	/			AUTO BODY AUTO IND	@7 @7	G G			AUTO MECH	@7	G		
ARR0610	BASIC PREP, AUTO Basic Prep, Automotive	/Y	VO		1.0										
ARR0611	RECOND DETAILER Reconditioning Detailer	/Y	VO		1.0										
ARR0612	AUTO DETAILER Automobile Detailer	/Y	VO		1.0										
I47061R	AUTO SERV TECH-APPR Automotive Service Technology - Apprenticeship	30,31	/												
8709400	AUTO SERV TECH Automotive Service Technology	9-12,30,31	/			AUTO MECH	@7	G			AUTO IND	@7	G		
8709410	AUTO SER TECH 1 Automotive Service Technology 1/ Level 2	/Y	VO		1.0										

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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
8709420	AUTO SER TECH 2 Automotive Service Technology 2/ Level 2	/Y	VO	1.0	
8709430	AUTO SER TECH 3 Automotive Service Technology 3/ Level 2	/Y	VO	1.0	
8709440	AUTO SER TECH 4 Automotive Service Technology 4/ Level 2	/Y	VO	1.0	
8709450	AUTO SER TECH 5 Automotive Service Technology 5/ Level 2	/Y	VO	1.0	
8709460	AUTO SER TECH 6 Automotive Service Technology 6/ Level 2	/Y	VO	1.0	
8709470	AUTO SER TECH 7 Automotive Service Technology 7/ Level 3	/Y	VO	1.0	
8709480	AUTO SER TECH 8 Automotive Service Technology 8/ Level 3	/Y	VO	1.0	
8709490	AUTO SER TECH 9 Automotive Service Technology 9/ Level 3	/Y	VO	1.0	
8709491	AUTO SER TECH 10 Automotive Service Technology 10/ Level 3	/Y	VO	1.0	
8709492	AUTO SER TECH 11 Automotive Service Technology 11/ Level 3	/Y	VO	1.0	
8709493	AUTO SER TECH 12 Automotive Service Technology 12/ Level 3	/Y	VO	1.0	
I470608	AUTO SERV TECH Automotive Service Technology	30,31	/		AUTO MECH @7 G AUTO IND @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	

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			GRADUATION REQUIREMENTS			BY CAREER CLUSTER				
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					
T400700	AUTO SERV TECH 1 Automotive Service Technology 1	30,31	/			AUTO MECH	@7	G	AUTO IND	@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 SERV TECH 2 Automotive Service Technology 2	30,31	/			AUTO MECH	@7	G	AUTO IND	@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					

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			GRADUATION REQUIREMENTS			CERTIFICATION		
I470199	AVIONICS Avionics	30,31	/			ELECTRONIC @7	G	AVIONICS @7 G
EEV0010	ELECTRONICS ASMBR Electronics Assembler		/Y	VO	2.0			
EEV0100	ELECTRONICS TESTER Electronics Tester		/Y	VO	3.0			
EEV0500	ELECT EQUIP RPR 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			
9540300	AVIONICS TECHNOLOGY Avionics Technology	9-12,30,31	/			AVIONICS @7	G	ELECTRONIC @7 G
9540310	ELECTRONICS FUND 1 Electronics Fundamentals 1/Level 2		/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			
9400300	AVIONICS TECHNOLOGY Avionics Technology	30,31	/			AVIONICS @7	G	ELECTRONIC @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 TECHNICIAN Avionics Technician		/Y	VO	1.0			

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			GRADUATION REQUIREMENTS			CERTIFICATION	
T640100	AVIONICS 1 Avionics 1	30,31	/			ELECTRONIC @7 G	AVIONICS @7 G
EEV0010	ELECTRONICS ASMBR Electronics Assembler		/Y	VO	2.0		
EEV0100	ELECTRONICS TESTER Electronics Tester		/Y	VO	3.0		
EEV0500	ELECT EQUIP RPR Electronics Equipment Repairer		/Y	VO	2.5		
EEV0616	ELECTRONICS TECH Electronics Technician		/Y	VO	3.0		
T640200	AVIONICS 2 Avionics 2	30,31	/			ELECTRONIC @7 G	AVIONICS @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		
AVS0093	AVIONICS TECH Avionics Technician		/Y	VO	1.0		
8766000	GAS ENGN SERV TECH Gasoline Engine Service Technology	9-12,30,31	/			GASENG RPR @7 G	
8766010	GAS ENGN SER 1 Gasoline Engine Service 1/Level 2		/Y	VO	1.0		
8766020	GAS ENGN SER 2 Gasoline Engine Service 2/Level 2		/Y	VO	1.0		
8766030	GAS ENGN SER 3 Gasoline Engine Service 3/Level 2		/Y	VO	1.0		
8766040	GAS ENGN SER 4 Gasoline Engine Service 4/Level 2		/Y	VO	1.0		
8766050	GAS ENGN SER 5 Gasoline Engine Service 5/Level 2		/Y	VO	1.0		
8766060	GAS ENGN SER 6 Gasoline Engine Service 6/Level 2		/Y	VO	1.0		
8766070	GAS ENGN SER 7 Gasoline Engine Service 7/Level 2		/Y	VO	1.0		
8766080	GAS ENGN SER 8 Gasoline Engine Service 8/Level 2		/Y	VO	1.0		
I470606	GAS ENGN SERV TECH Gasoline Engine Service Technology	30,31	/			GASENG RPR @7 G	

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			GRADUATION REQUIREMENTS			CERTIFICATION				
SER0001	SERVICE TECHNICIAN Service Technician	/Y	VO		1.0					
SER0700	CLERK PARTS Clerk Parts	/Y	VO		1.0					
SER0171	INSTALLER REPAIRER Installer Repairer	/Y	VO		1.0					
SER0341	HLP, MECH & REPAIRER Helper, Mechanic and Repairer	/Y	VO		1.0					
SER0161	SM ENGINE MECH 1 Small Engine Mechanic 1	/Y	VO		2.0					
SER0162	SM ENGINE MECH 2 Small Engine Mechanic 2	/Y	VO		2.0					
9503100	GLOB LOG & SUP CH TE Global Logistics and Supply Chain Technology	9-12,30,31	/			LOG TECH	7	G	BUS ED	1
9503110	GLOB LOG & SUP CH TE Global Logistics and Supply Chain Technology/Level 2	/Y	VO		1.0					
9503120	INTRO TO IT APPS Introduction to Information Technology Applications/Level 2	/Y	VO		1.0					
8207310	INTROD TO INFO TECH Introduction to Information Technology/Level 2	/Y	PA		1.0					
9503130	GLOBAL LOG OPS Global Logistics Operations/Level 3	/Y	VO		1.0					
9503140	GLOBAL LOG MGMT Global Logistics Management/Level 3	/Y	VO		1.0					
T300100	GLOB LOG & SUP CH TE Global Logistics and Supply Chain Technology	30,31	/			LOG TECH	7	G	BUS ED	1
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					
I470302	HVY EQUIPMENT MECH Heavy Equipment Mechanics	30,31	/			DIESEL MEC @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	CAREER AND TECHNICAL EDUCATION COURSES BY CAREER CLUSTER	
			GRADUATION REQUIREMENTS				
DIM0101	DSL ENGN TEC/MEC 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		
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		
I47030R	HVY EQUIP MECH -APPR Heavy Equipment Mechanics - Apprenticeship	30,31	/				
I490202	HVY EQUIPMENT OPERAT Heavy Equipment Operation	30,31	/			OPER ENGR @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		
I49020R	HVY EQUIP OP-APPR Heavy Equipment Operation - Apprenticeship	30,31	/				
8751000	MARI SERV TECH Marine Service Technology	9-12,30,31	/			DIESEL MEC @7	G GASENG RPR @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	
8751010	MARINE SERVICE 1 Marine Service 1/Level 2		/Y	VO	1.0		
8751020	MARINE SERVICE 2 Marine Service 2/Level 2		/Y	VO	1.0		
8751030	MARINE SERVICE 3 Marine Service 3/Level 2		/Y	VO	1.0		
8751040	MARINE SERVICE 4 Marine Service 4/Level 2		/Y	VO	1.0		
8751050	MARINE SERVICE 5 Marine Service 5/Level 2		/Y	VO	1.0		
8751060	MARINE SERVICE 6 Marine Service 6/Level 2		/Y	VO	1.0		
8751070	MARINE SERVICE 7 Marine Service 7/Level 2		/Y	VO	1.0		
8751080	MARINE SERVICE 8 Marine Service 8/Level 2		/Y	VO	1.0		
8751090	MARINE SERVICE 9 Marine Service 9/Level 2		/Y	VO	1.0		
I490306	MARINE SERVICE TECH Marine Service Technology	30,31	/			DIESEL MEC @7	G GASENG RPR @7 G
MTE0003	MARINE RIGGER Marine Rigger		/Y	VO	2.0		
MTE0050	OUTBOARD ENGN TECH 1 Outboard Engine Technician 1		/Y	VO	2.0		
MTE0070	OUTBOARD ENGN TECH 2 Outboard Engine Technician 2		/Y	VO	2.0		
MTE0183	STERN DRIVE TECH Stern Drive Technician		/Y	VO	1.0		
MTE0054	INBOARD GAS TECH Inboard Gas Technician		/Y	VO	1.0		
MTE0056	INBOARD DIESEL TECH Inboard Diesel Technician		/Y	VO	1.0		
T500100	MARINE SER TECH 1 Marine Service Technology 1	30,31	/			DIESEL MEC @7	G GASENG RPR @7 G
MTE0003	MARINE RIGGER Marine Rigger		/Y	VO	2.0		
MTE0050	OUTBOARD ENGN TECH 1 Outboard Engine Technician 1		/Y	VO	2.0		
T500200	MARINE SER TECH 2 Marine Service Technology 2	30,31	/			DIESEL MEC @7	G GASENG RPR @7 G
MTE0070	OUTBOARD ENGN TECH 2 Outboard Engine Technician 2		/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			
MTE0183	STERN DRIVE TECH Stern Drive Technician		/Y	VO	1.0	
MTE0054	INBOARD GAS TECH Inboard Gas Technician		/Y	VO	1.0	
MTE0056	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	/			DIESEL MEC @7 G
8742010	DIESEL ENGN SER 1 Diesel Engine Service 1/Level 2		/Y	VO	1.0	
8742020	DIESEL ENGN SER 2 Diesel Engine Service 2/Level 2		/Y	VO	1.0	
8742030	DIESEL ENGN SER 3 Diesel Engine Service 3/Level 2		/Y	VO	1.0	
8742040	DIESEL ENGN SER 4 Diesel Engine Service 4/Level 2		/Y	VO	1.0	
8742050	DIESEL ENGN SER 5 Diesel Engine Service 5/Level 2		/Y	VO	1.0	
8742060	DIESEL ENGN SER 6 Diesel Engine Service 6/Level 2		/Y	VO	1.0	
8742070	DIESEL ENGN SER 7 Diesel Engine Service 7/Level 2		/Y	VO	1.0	
8742080	DIESEL ENGN SER 8 Diesel Engine Service 8/Level 2		/Y	VO	1.0	
8742090	DIESEL ENGN SER 9 Diesel Engine Service 9/Level 2		/Y	VO	1.0	
8742091	DIESEL ENGN SER 10 Diesel Engine Service 10/Level 2		/Y	VO	1.0	
8742092	DIESEL ENGN SER 11 Diesel Engine Service 11/Level 2		/Y	VO	1.0	
8742093	DIESEL ENGN SER 12 Diesel Engine Service 12/Level 2		/Y	VO	1.0	
I470605	MED & HVY TRK&BUS TE Medium and Heavy Duty Truck and Bus Technician	30,31	/			DIESEL MEC @7 G
DIM0101	DSL ENGN TEC/MEC HLP Diesel Engine Mechanic/Technician Helper		/Y	VO	1.0	
DIM0102	DSL ELEC & ELECT TEC Diesel Electrical and Electronics Technician		/Y	VO	2.0	

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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
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	
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	DIESEL HYDRA TECH Diesel Hydraulics Technician	/Y	VO	1.0	
T650100	MED & HVY TRK&BUS 1 Medium and Heavy Duty Truck and Bus Technician 1	30,31	/		DIESEL MEC @7 G
DIM0101	DSL ENGN TEC/MEC HLP Diesel Engine Mechanic/Technician Helper	/Y	VO	1.0	
DIM0102	DSL ELEC & ELECT TEC Diesel Electrical and Electronics Technician	/Y	VO	2.0	
DIM0104	DIESEL ENGINE TECH Diesel Engine Technician	/Y	VO	2.0	
DIM0105	DIESEL BRAKES TECH Diesel Brakes Technician	/Y	VO	2.0	
T650200	MED & HVY TRK&BUS 2 Medium and Heavy Duty Truck and Bus Technician 2	30,31	/		DIESEL MEC @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	

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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	
DIM0108	DSL DRIVETRAIN TECH Diesel Drivetrain Technician	/Y	VO	1.0		
DIM0109	DIESEL HYDRA TECH Diesel Hydraulics Technician	/Y	VO	1.0		
9540400	MOBILE ELECT TECH Mobile Electronics Technology	9-12,30,31 /			COMP SVC @7 G	ELECTRONIC @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		
9400400	MOBILE ELECT TECH Mobile Electronics Technology	30,31 /			COMP SVC @7 G	ELECTRONIC @7 G
EEV0714	BASIC MOBILE ELECT Basic Mobile Electronics Technician	/Y	VO	1.0		
EEV0715	ADV MOB ELECT INSTAL Advanced Mobile Electronics Installation Technician	/Y	VO	1.0		
8766100	MOTORCYCLE SERV TECH Motorcycle Service Technology	9-12,30,31 /			MOTORCYCLE @7 G	
8766110	MOTORCYCLE SERV 1 Motorcycle Service 1/Level 2	/Y	VO	1.0		
8766120	MOTORCYCLE SERV 2 Motorcycle Service 2/Level 2	/Y	VO	1.0		
8766130	MOTORCYCLE SERV 3 Motorcycle Service 3/Level 2	/Y	VO	1.0		
8766140	MOTORCYCLE SERV 4 Motorcycle Service 4/Level 2	/Y	VO	1.0		
8766150	MOTORCYCLE SERV 5 Motorcycle Service 5/Level 2	/Y	VO	1.0		
8766160	MOTORCYCLE SERV 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		
I470616	MOTORCYCLE SERV TECH Motorcycle Service Technology	30,31 /			MOTORCYCLE @7 G	

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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
MOM0001	ASSEMBLER (SETUP) Assembler (Setup)	/Y	O	1.0	
MOM0002	PARTS CLERK Parts Clerk	/Y	VO	1.0	
MOM0100	HELPER, MECHANIC Helper, Mechanic	/Y	VO	3.0	
MOM0400	MOTORCYLCE MECH Motorcycle Mechanic	/Y	VO	5.0	
I470698	REC VEH SERVICE TECH Recreational Vehicle Service Technician	30,31	/		REC VEH SR @7 G
ARR0071	LOT PORTER Lot Porter	/Y	VO	1.0	
ARR0072	PRE-DEL INSPEC TECH Pre-Delivery Inspection Technician	/Y	VO	2.0	
ARR0073	REC VEHICLE TECH 1 Recreational Vehicle Technician 1	/Y	VO	1.5	
ARR0074	REC VEHICLE TECH 2 Recreational Vehicle Technician 2	/Y	VO	1.5	
9500100	TRANSIT TECHNICIAN 1 Transit Technician 1	9-12,30,31	/		DIESEL MEC @7 G
9500110	TRANSIT BUS SERV 1 Transit Bus Service 1/Level 2	/Y	VO	1.0	
9500120	TRANSIT BUS SERV 2 Transit Bus Service 2/Level 2	/Y	VO	1.0	
9500130	TRANSIT BUS SERV 3 Transit Bus Service 3/Level 2	/Y	VO	1.0	
9500140	TRANSIT BUS SERV 4 Transit Bus Service 4/Level 2	/Y	VO	1.0	
9500150	TRANSIT BUS SERV 5 Transit Bus Service 5/Level 2	/Y	VO	1.0	
T660100	TRANSIT TECHNICIAN 1 Transit Technician 1	30,31	/		DIESEL MEC @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	

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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
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	
9500200	TRANSIT TECHNICIAN 2 Transit Technician 2	9-12,30,31 /			DIESEL MEC @7 G
9500210	TRANSIT BUS SERV 6 Transit Bus Service 6/Level 2	/Y	VO	1.0	
9500220	TRANSIT BUS SERV 7 Transit Bus Service 7/Level 2	/Y	VO	1.0	
9500230	TRANSIT BUS SERV 8 Transit Bus Service 8/Level 2	/Y	VO	1.0	
9500240	TRANSIT BUS SERV 9 Transit Bus Service 9/Level 2	/Y	VO	1.0	
9500250	TRANSIT BUS SERV 10 Transit Bus Service 10/Level 2	/Y	VO	1.0	
T660200	TRANSIT TECHNICIAN 2 Transit Technician 2	30,31 /			DIESEL MEC @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	
9500300	TRANSIT TECHNICIAN 3 Transit Technician 3	9-12,30,31 /			DIESEL MEC @7 G
9500310	TRANSIT BUS SERV 11 Transit Bus Service 11/Level 2	/Y	VO	1.0	
9500320	TRANSIT BUS SERV 12 Transit Bus Service 12/Level 2	/Y	VO	1.0	
9500330	TRANSIT BUS SERV 13 Transit Bus Service 13/Level 2	/Y	VO	1.0	
9500340	TRANSIT BUS SERV 14 Transit Bus Service 14/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 GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
9500350	TRANSIT BUS SERV 15 Transit Bus Service 15/Level 2	/Y	VO	1.0	
T660300	TRANSIT TECHNICIAN 3 Transit Technician 3	30,31	/		DIESEL MEC @7 G
DIM0830	TRANSIT ALT FUELS Transit Alternative Fuels System Technician	/Y	VO	1.0	
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 G
TRA0084	TRUCK DRIV HVY FL"B" Truck Driver Heavy Florida Class "B"		/Y	VO	1.0
8751200	COMM FISH Commercial Fishing	9-12,30,31	/		COMM FISH @7 G
8751210	COMM FISH 1 Commercial Fishing 1/Level 2	/Y	VO	1.0	
8751220	COMM FISH 2 Commercial Fishing 2/Level 2	/Y	VO	1.0	
8751230	COMM FISH 3 Commercial Fishing 3/Level 2	/Y	VO	1.0	
8751240	COMM FISH 4 Commercial Fishing 4/Level 2	/Y	VO	1.0	
8751250	COMM FISH 5 Commercial Fishing 5/Level 2	/Y	VO	1.0	
I490303	COMMERCIAL FISHING Commercial Fishing	30,31	/		COMM FISH @7 G
MTE0880	OFF OR FISH VES CAP1 Officer or Fishing Vessel Captain 1	/Y	VO	2.5	

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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		
MTE0881	OFF OR FISH VES CAP2 Officer or Fishing Vessel Captain 2	/Y	VO	2.5			
I490205	CMCL VEHICLE DRIVING Commercial Vehicle Driving	30,31	/		COMM DRIV	@7	G
TRA0080	TRACTOR TRAIL TRK DR Tractor Trailer Truck Driver	/Y	VO	2.0			
I490215	SCHOOL BUS DR TRAIN School Bus Driver Training	30,31	/		SC BS DR T	@7	G
TRA0085	BUS DRIVER, SCHOOL Bus Driver, School	/Y	VO	0.0			
I490203	WST CLC EQUIP OPER Solid Waste Collection Equipment Operator	30,31	/		COMM DRIV	@7	G
TRA0071	SOLID WASTE COLL EQU Solid Waste Collection Equipment Operator	/Y	VO	1.0			

SUPPLEMENTAL PROGRAMS

¤9590400	FUND OF TRANSPORT Fundamentals of Transportation	6-8	/Y	VO		TEC ED 1 @2 DIESEL MEC @7 G AIR MECH @7 G	AUTO MECH @7 G GASENG RPR @7 G
¤9590350	INTRO TO TRANSPORT Introduction to Transportation, Distribution and Logistics	6-8	/S	VO	MULTIPLE	TEC ED 1 @2 DIESEL MEC @7 G AIR MECH @7 G	AUTO MECH @7 G GASENG RPR @7 G
¤9590360	INTRO TO TRANS & CP Introduction to Transportation, Distribution and Logistics and CP	6-8	/S	VO		TEC ED 1 @2 DIESEL MEC @7 G AIR MECH @7 G	AUTO MECH @7 G GASENG RPR @7 G
¤9500420	TRANSPORTATION OJT Transportation, Distribution and Logistics Cooperative Education OJT	9-12,30,31	/M	VO	MULTIPLE	SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE	
¤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	

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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
----- ADDITIONAL CAREER AND TECHNICAL EDUCATION PROGRAMS/COURSES -----					
DIVERSIFIED -----					
D886700	C & T REL BAS SK Career and Technical Related Basic Skills	30,31 /			SCIENCE @4 PHYSICS 1 @4 ENGLISH 1 @4 MATH 1 @4 MG ENG C MG MATH C ANY VOCATIONAL FIELD OR COVERAGE
D886200	COOP DIV ED-OJT Cooperative Diversified Education-OJT	30,31 /			COOR DCT @4 @7 SPECLIZ TC \$7 TEACH CDE @7 COOP TEACH @7 ANY VOC FIELD OR COVERAGE
8300420	COOP DIV ED-OJT Cooperative Diversified Education-OJT/Level 2	9-12,30,31 /M	VO MULTIPLE		ANY FIELD/BACHELORS OR HIGHER CERT COOR WK EX @7 COOR DCT @4 @7 SPECLIZ TC \$7 TEACH CDE @7 COOP TEACH @7 ANY VOC FIELD OR COVERAGE
8303000	DIV CAR TECH Diversified Career Technology	9-12,30,31 /			ANY FIELD/BACHELORS OR HIGHER CERT COOR WK EX @7 COOR DCT @4 @7 SPECLIZ TC \$7 TEACH CDE @7 COOP TEACH @7 ANY VOC FIELD OR COVERAGE
8303010	DIV CAREER TECH PRIN Diversified Career Technology Principles/Level 2	/Y	VO	1.0	ANY FIELD/BACHELORS OR HIGHER CERT COOR WK EX @7
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	
D886100	DIV CAR TECH Diversified Career Technology	30,31 /			COOR DCT @4 @7 SPECLIZ TC \$7 TEACH CDE @7 COOP TEACH @7 ANY VOC FIELD OR COVERAGE ANY FIELD/BACHELORS OR HIGHER CERT COOR WK EX @7

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT	CERTIFICATION
			SUBJECT AREA	GRADUATION REQUIREMENTS		
VPI0400	DIV CAREER TECH Diversified Career Technology	/Y	VO		1.0	
VPI0940	DIV CAREER TECH OJT Diversified Career Technology OJT	/Y	VO		1.0	
VPI0401	DIV CAREER TECH APPS Diversified Career Technology Applications	/Y	VO		1.0	
VPI0402	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 VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
9100210	EX CAR&TECH OCCS Exploration of Career and Technical Occupations	6-8	/S	VO		ANY VOCATIONAL FIELD OR COVERAGE COOR WK EX @7 ANY FIELD/BACHELORS OR HIGHER CERT ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
D886300	GUIDED WKPL LEARN Guided Workplace Learning (Internship)	30,31	/			ANY VOCATIONAL FIELD OR COVERAGE PK PRIMARY H PRESCH ED A E CHILD ED @0 PRIMARY ED @B
8300430	GUIDED WKPL LEARN Guided Workplace Learning (Internship)/Level 2	9-12,30,31 /M	VO	MULTIPLE		ANY VOCATIONAL FIELD OR COVERAGE PK PRIMARY H PRESCH ED A E CHILD ED @0 PRIMARY ED @B
9100310	ORIEN CAR& TECH OCCS Orientation to Career and Technical Occupations	6-8	/S	VO		ANY VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
9100110	OR CAR&TEC OCCS & CP Orientation to Career and Technical Occupations and Career Planning	6-8	/S	VO		ANY VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
8300320	PRACTICAL ARTS GEN Practical Arts General/Level 2	9-12,30,31 /Y	VO		1.0	ANY VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
8301600	WORK EXP Work Experience	9-12,30,31 /				COOR WK EX @7 ANY FIELD/BACHELORS OR HIGHER CERT
8301610	WORK EXP 1 Work Experience 1/Level 2	/Y	VO		1.0	
8301620	WORK EXP 2 Work Experience 2/Level 2	/Y	VO		1.0	
8301630	WORK EXP 3 Work Experience 3/Level 2	/Y	VO		1.0	
8301640	WORK EXP 4 Work Experience 4/Level 2	/Y	VO		1.0	
8301650	WORK EXP-OJT Work Experience-OJT	/M	VO	MULTIPLE		

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COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
D988650	WKPL ESSENTIALS Workplace Essentials	30,31 /	VO	0.5	ANY VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
8300310	WKPL ESSENTIALS Workplace Essentials/Level 2	9-12,30,31 /S	VO	0.5	ANY VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
8300330	WKPL TECH APPL Workplace Technology Applications/ Level 2	9-12,30,31 /S	VO	0.5	ANY VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER

INSTRUCTIONAL SUPPORT SERVICES (SPECIAL NEEDS)

9001810	CAR ED STUS DISAB Career Education for Students with Disabilities	7-12,30,31 /M	VO	MULTIPLE	ANY VOCATIONAL FIELD OR COVERAGE
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	
S990004	SUP COMPE EMP AD DIS Supported Competitive Employment for Adults w/Disabilities (Phase I)	30,31 /			ANY FIELD
SLS0051	TRAIN RELATED OCCS 1 Training Related Occupations 1	/Y	VO	MULTIPLE	
SLS0052	TRAIN RELATED OCCS 2 Training Related Occupations 2	/Y	VO	MULTIPLE	
S430123	VOC 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	7-12,30,31 /M	VO	0.5	ANY VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
9001820	VOC/EMP SKLS/YOU &CP Vocational Employability skills for Youth and Career Planning	7-12,30,31 /M	VO	0.5	ANY VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER

SECTION 5

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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OTHER CAREER AND TECHNICAL EDUCATION PROGRAMS

^a E91010A	^a CWE - AG & NAT RES Continuing Workforce Education - Agriculture and Natural Resources	30,31	/M		ANY FIELD
^a E91010B	^a CWE - BUS TECH Continuing Workforce Education - Business Technology	30,31	/M		ANY FIELD
^a E91010V	^a CWE - FAM & CONS SCI Continuing Workforce Education - Family and Consumer Sciences	30,31	/M		ANY FIELD
^a E91010H	^a CWE - HEALTH SCI Continuing Workforce Education - Health Science	30,31	/M		ANY FIELD
^a E91010I	^a CWE - IND Continuing Workforce Education - Industrial	30,31	/M		ANY FIELD
^a E91010M	^a CWE - MARKETING Continuing Workforce Education - Marketing	30,31	/M		ANY FIELD
^a E91010P	^a CWE - PUB SERV Continuing Workforce Education - Public Service	30,31	/M		ANY FIELD
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
E920100	PRE-APPRENTICESHIP Pre-Apprenticeship	30,31	/		ANY VOCATIONAL FIELD OR COVERAGE
SLS0314	PRE-APPRENTICE I Pre-Apprenticeship I		/Y	VO	3.0

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
SLS0315	PRE-APPRENTICE II Pre-Apprenticeship II	/Y	VO	3.0	
E92010R	PRE-APPR - APPR Pre-Apprenticeship - Apprenticeship	30,31 /			ANY VOCATIONAL FIELD OR COVERAGE
M899993	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

M/J EXPLORATORY CAREER EDUCATION WHEEL

8000300	M/J EXP WHEEL 1 M/J Exploratory Career wheel 1	6-8 /S			ANY VOCATIONAL FIELD OR COVERAGE
8000200	M/J EXP WHL 1 & CP M/J Exploratory Career wheel 1 and Career Planning	6-8 /S			ANY VOCATIONAL FIELD OR COVERAGE
8000210	M/J EXPLOR WHEEL 2 M/J Exploratory Career wheel 2	6-8 /S			ANY VOCATIONAL FIELD OR COVERAGE
8000220	M/J EXPLOR WHEEL 3 M/J Exploratory Career wheel 3	6-8 /S			ANY VOCATIONAL FIELD OR COVERAGE
8000230	M/J EXPLOR WHEEL 4 M/J Exploratory Career wheel 4	6-8 /S			ANY VOCATIONAL FIELD OR COVERAGE
8000240	M/J EXPLOR WHEEL 5 M/J Exploratory Career wheel 5	6-8 /S			ANY VOCATIONAL FIELD OR COVERAGE
8000250	M/J EXPLOR WHEEL 6 M/J Exploratory Career wheel 6	6-8 /S			ANY VOCATIONAL FIELD OR COVERAGE

MIDDLE SCHOOL PROGRAMS

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