

## 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.**

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; 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		
-----					
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 Agriculture 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
8500395	FOOD SCI TECH Food Science Technology/Level 2	9-12, 30, 31 /Y		VO	1.0 VOC HME EC @4 HOME EC @2
					GEN HME EC @4 FAM CON SC 1
-----					
PLANT SYSTEMS CAREER PATH (AGPB)					
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8818000	FLORAL DESIGN & MKT Floral Design and Marketing	9-12, 30, 31 /			DIST ED @7 TEACH CDE @7 MKTG MGMT @7 G
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
M805030	FLORAL DESIGN & MKT Floral Design and Marketing	30, 31 /			RETAILING @7 G TEACH CDE @7 MKTG MGMT @7 G
ORH0060	DEL PERSON (FLORAL) Delivery Person (Floral)		/Y	PA	1.0
ORH0061	RETAIL SALES(FLORAL) Retail Sales (Floral)		/Y	PA	1.0
					DIST ED @7 MKTG 1

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			SUBJECT AREA	GRADUATION REQUIREMENTS	
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
8121600	HORT SCI & SERS Horticulture Science & Services	9-12, 30, 31 /			AGRI CULTUR 1 @2 HORTI CULT #7
8106810	AGSCIENCE FOUND 1 Agriculture Foundations 1/Level 3	/Y	SC		1.0
8121510	INTROD HORT 2 Introductory Horticulture 2/Level 2	/Y	VO		1.0
8121520	HORT SCIENCE 3 Horticultural Science 3/Level 2	/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
<sup>a</sup> A010206	IRRIGATION OPS Irrigation Operations	30, 31 /			AGRI CULTUR 1 @2 HORTI CULT @7 G
AOM0342	LAND & GROUNDS WRKS Landscaping and Groundskeeping Workers	/Y	VO		2.0
AOM0343	IRRIGATIONS OPS Irrigation Operations	/Y	VO		2.0
A010615	LAND MGMT Landscape Management	30, 31 /			AGRI @2 HORTI CULT @7 G
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 /			AGRI CULTUR 1 @2 HORTI CULT #7

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					AGRI HORTICULT	AGRI CULTUR
8106810	AGSCIENCE FOUND 1 Agri science Foundations 1/Level 3	/Y	SC	1.0		
8121510	INTROD HORT 2 Introductory Horticulture 2/Level 2	/Y	VO	1.0		
8121520	HORT SCIENCE 3 Horticultural Science 3/Level 2	/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 HORTICULT	@2 @7 G
ORH0862	NURSERY WORKERS Nursery Workers		/Y	VO	2.0	
ORH0863	NURSERY & GRNHS MGR1 Nursery and Greenhouse Managers 1		/Y	VO	3.0	
ORH0864	NURSERY & GRNHS MGR2 Nursery and Greenhouse Managers 2		/Y	VO	1.0	
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	/		AGRI CULTUR	1 @2
8106810	AGSCIENCE FOUND 1 Agri science 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 HORTICULT	@2 @7 G
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	

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			GRADUATION REQUI REMENTS		
8121400	SPRTS & REC TURF OPS Sports and Recreational Turf Operations	9-12, 30, 31 /			AGRI CULTUR 1 @2 HORTI CULT #7
8106810	AGSCIENCE FOUND 1 Agri sci ence Foundati ons 1/Level 3	/Y	SC	1.0	
8121510	INTROD HORT 2 Introductory Horti cul ture 2/Level 2	/Y	VO	1.0	
8121520	HORT SCIENCE 3 Horti cul tural Sci ence 3/Level 2	/Y	PA	1.0	
8121310	LAND & TURF SCI 4 Landscape and Turf Sci ence 4/Level 2	/Y	VO	1.0	
8121320	LAND & TURF SCI 5 Landscape and Turf Sci ence 5/Level 2	/Y	VO	1.0	
8121410	SPRTS & REC TURF OPS6 Sports and Recreational Turf Operati ons 6/Level 2	/Y	VO	1.0	

## ANIMAL SYSTEMS CAREER PATH (AGPC)

8106100	ANIM BIOTECH Animal Bi otechnol ogy	9-12, 30, 31 /			AGRI CULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agri sci ence Foundati ons 1/Level 3	/Y	SC	1.0	
8106850	AG BIOTECH 2 Agri cul tural Bi otechnol ogy 2/Level 3	/Y	VO	1.0	
8106120	ANIM BIOTECH 3 Animal Bi otechnol ogy 3/Level 3	/Y	VO	1.0	
8106200	ANIM SCI & SERV Animal Sci ence and Servi ces	9-12, 30, 31 /			AGRI CULTUR 1 @2 AGRI PROD #7
8106810	AGSCIENCE FOUND 1 Agri sci ence Foundati ons 1/Level 3	/Y	SC	1.0	
8106210	ANIM SCI & SERS 2 Animal Sci ence and Servi ces 2/Level 2	/Y	VO	1.0	
8106220	ANIM SCI & SERS 3 Animal Sci ence and Servi ces 3/Level 2	/Y	VO	1.0	
8106230	ANIM SCI & SERS 4 Animal Sci ence and Servi ces 4/Level 2	/Y	VO	1.0	
8106240	ANIM SCI & SERS 5 Animal Sci ence and Servi ces 5/Level 2	/Y	VO	1.0	
8106250	ANIM SCI & SERS 6 Animal Sci ence and Servi ces 6/Level 2	/Y	VO	1.0	
8112000	AQUACULTURE Aquacul ture	9-12, 30, 31 /			AGRI CULTUR 1 @2

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			GRADUATION REQUIREMENTS		
8106810	AGSCIENCE FOUND 1 Agri science Foundati ons 1/Level 3	/Y	SC		1.0
8112010	AQUACULTURE 2 Aquacul ture 2/Level 2	/Y	VO		1.0
8112020	AQUACULTURE 3 Aquacul ture 3/Level 2	/Y	VO		1.0
8115110	VET ASSIST Veteri nary Assi sting	9-12, 30, 31 /		AGRI CULTUR 1 @2	AG SUPPLI #7
8111510	VET ASSIST 1 Veteri nary Assi sting 1/Level 2	/Y	VO		1.0
8111540	VET ASSIST 2 Veteri nary Assi sting 2/Level 2	/Y	VO		1.0
8111550	VET ASSIST 3 Veteri nary Assi sting 3/Level 2	/Y	VO		1.0
8111520	VET ASSIST 4 Veteri nary Assi sting 4/Level 2	/Y	VO		1.0
8111530	VET ASSIST 5 Veteri nary Assi sting 5/Level 2	/Y	VO		1.0
A010512	VET ASSIST Veteri nary Assi sting	30, 31 /		AGRI @2 AG SUPPLI @7 G	AGRI CULTUR 1 @2
ATE0006	VET ASST & LAB ANI 1 Veteri nary Assi stants and Laboratory Animal Caretakers 1	/Y	VO		3.0
ATE0070	VET ASST & LAB ANI 2 Veteri nary Assi stants and Laboratory Animal Caretakers 2	/Y	VO		1.0
ATE0072	VET ASST Veteri nary Assi stant	/Y	VO		1.0

## POWER, STRUCTURAL &amp; TECHNICAL SYSTEMS CAREER PATH (AGPD)

8103400	AG MACHI MECH Agri cul tural Machi nery Mechani cs	9-12, 30, 31 /		AGRI MECH #7	AGRI CULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agri sci ence Foundati ons 1/Level 3	/Y	SC		1.0
8103120	AG MECH 2 Agri cul tural Mechani cs 2/Level 2	/Y	VO		1.0
8103130	AG MECH 3 Agri cul tural Mechani cs 3/Level 2	/Y	VO		1.0
8103410	AG MACH MECH 4 Agri cul tural Machi nery Mechani cs 4/ Level 2	/Y	VO		1.0

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			GRADUATION REQUIREMENTS		
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
8103200	AG MACH OPS Agricultural Machinery Operations	9-12, 30, 31 /		AGRI MECH #7	AGRI CULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriculture 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
8103210	AG MACH OPS 4 Agricultural Machinery Operations 4 /Level 2	/Y	VO		1.0
8103300	DIV AG MECH Diversified Agricultural Mechanics	9-12, 30, 31 /		AGRI MECH #7	AGRI CULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriculture 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
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	
EVS0240	WATER SYS OP LEVEL 3 Water System Operator Level 3	/S	VO		0.5

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			REQUIREMENTS	GRADUATION			
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 AGRI CULTUR 1 @2	AGRI RES #7
8106810	AGSCIENCE FOUND 1 Agri science 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		
¤X600600	ENERGY TECHNICIAN Energy Techni ci an	30, 31	/			ELECTRICAL @7 G TEC ED 1 @2	IND ENGR @7 G
¤ETP0090	ENERGY TECHNICIAN 1 Energy Techni ci an 1, Level 3		/Y	VO	2.0		
¤ETP0091	ENERGY TECHNICIAN 2 Energy Techni ci an 2, Level 3		/Y	VO	2.0		
----- ENVIRONMENTAL SERVICE SYSTEMS CAREER PATH (AGPF) -----							
P150509	ADV WATER TRTMT TECH Advanced Water Treatment Technol ogi es	30, 31	/			WSP OPER @7 G	TEC CHEM @7 G
EVS0355	MEMB WTR TREAT SPEC Membrane Water Treatment Speciali st		/Y	VO	2.0		
EVS0357	HIGH PUR WTR TR SPEC Hi gh Puri ty Water Treatment Speciali st		/Y	VO	2.0		



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			GRADUATION REQUI REMENTS			
<sup>a</sup> 8914000	AIR QUALITY TECH Air Quality Technology	9-12, 30, 31 /		AGRI CULTUR BI OLOGY	1 @2 1	WSP OPER @7 G
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	
8914010	AIR QUALITY 3 Air Quality 3/Level 3	/Y	VO		1.0	
8113000	ENVIR RES Environmental Resources	9-12, 30, 31 /		AGRI CULTUR	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	
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	
8913000	LAND RES TECH Land Resources Technology	9-12, 30, 31 /		WSP OPER BI OLOGY	@7 G 1	AGRI CULTUR 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	
P440699	SOLID WASTE DISP OP Solid Waste Disposal Operation	30, 31 /		WASTE MGMT	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	

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EVS0350	WSTWTR TREAT PL OP, A Wastewater Treatment Plant Operator, Level "A"	/S	VO	0.5		
8916000	WATER RESOURCES TECH Water Resources Technology	9-12, 30, 31 /			WSP OPER @7 G BIOLOGY 1	AGRI CULTUR 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		
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		
8007100	ENVIRO WATER TECH Environmental Water Technology	9-12, 30, 31 /			SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	
8007110	INTRO ENV WTER TECH Introduction to Environmental Water Technology, Level 2	/Y	VO	1.0		
8007120	INTM ENV WTER TECH Intermediate Environmental Water Technology, Level 2	/Y	VO	1.0		
8007130	ADV ENV WTER TECH Advanced Environmental Water Technology, Level 2	/Y	VO	1.0		
AGRI BUSINESS SYSTEMS CAREER PATH (AGPG)						
8106600	AG BIOTECHNOLOGY Agricultural Biotechnology	9-12, 30, 31 /			AGRI CULTUR 1 @2	
8106810	AGSCIENCE FOUND 1 Agriculture Foundations 1/Level 3	/Y	SC	1.0		

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			GRADUATION REQUIREMENTS		
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 Agriculture 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 AGRICULTURE EDUC G
8106810	AGSCIENCE FOUND 1 Agriculture 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	AGRI TECH Agriculture	9-12, 30, 31 /			AGRI PROD #7 AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriculture Foundations 1/Level 3	/Y	SC		1.0
8106820	AGRI TECH 1 Agriculture 1/Level 2	/Y	VO		1.0
8106830	AGRI TECH 2 Agriculture 2/Level 2	/Y	VO		1.0

SUPPLEMENTAL PROGRAMS

8100330	ADV CONCS AGSCI Advanced Concepts of Agriculture/ Level 2	11-12, 30, 31/Y	VO		1.0	AGRICULTUR 1 @2
8199990	AGRI BUS ED TRAN Agriculture Business Education Transfer	9-12, 30, 31 /				NA
A010000	AGRI BUS ED TRANSFER Agriculture Business Education Transfer	30, 31 /				NA
8100410	AGRI CULT COOP ED-OJT Agriculture Cooperative Education- OJT	9-12, 30, 31 /M	VO	MULTIPLE		AGRICULTUR 1 @2 ANY AGRICULTURE EDUC G

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					AGRI	TEC
A019999	AGRI CUL COOP ED-OJT Agri cul ture Cooperati ve Educati on- OJT	30, 31 /			AGRI @2 ANY AGRI CULTURE EDUC G	AGRI CULTUR 1 @2
8100100	AG ED DIR STUDY Agri cul ture Educati on Di rected Study	11-12, 30, 31/M	VO	MULTI PLE	AGRI CULTUR 1 @2 ANY AGRI CULTURE EDUC G	
8100210	EX OF AGRISCI Expl orati on of Agri sci ence	6-8, 30, 31 /S	VO	0.5	EXP AG @4	AGRI CULTUR 1 @2
8100320	FUND AGSCI Fundament al s of Agri sci ence/Level 2	9-12, 30, 31 /Y	VO	1.0	AGRI CULTUR 1 @2	
8100120	INTROD TO AGSCI Introducti on to Agri sci ence	6-8, 30, 31 /S	VO	0.5	EXP AG @4	AGRI CULTUR 1 @2
8100310	ORIEN TO AGSCI Ori entati on to Agri sci ence	6-8, 30, 31 /S	VO	0.5	EXP AG @4	AGRI CULTUR 1 @2
8100110	ORIEN TO AGSCI & C P Ori entati on to Agri sci ence and Career Pl anni ng	6-8, 30, 31 /S	VO	0.5	EXP AG @4	AGRI CULTUR 1 @2

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ARCHITECTURE & CONSTRUCTION CAREER CLUSTER

DESIGN/PRE-CONSTRUCTION CAREER PATH (ACPA)

8725400	ARCH DRAFT Archi tectural 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		
8725450	ARCH DRAFTING 5 Archi tectural Drafting 5/Level 3	/Y	PA	1.0		
8725460	ARCH DRAFTING 6 Archi tectural Drafting 6/Level 3	/Y	PA	1.0		
8725470	ARCH DRAFTING 7 Archi tectural Drafting 7/Level 3	/Y	PA	1.0		
8725480	ARCH DRAFTING 8 Archi tectural Drafting 8/Level 3	/Y	PA	1.0		

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## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION	CAREER CLUSTER	
					TECHNICAL	INDUSTRY
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		
21480112	ARCH DRAFTING Architectural 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		
TDR0371	ARCH DETAILER Architectural Detailer	/Y	PA	2.0		
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	TROWEL TR @7 G ELECTRICAL @7 G BLDG CONST @7 G SHEETMETAL @7 G CARPENTRY @7 G ROOFING @7 G

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## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; 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		
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
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 TROWEL TR @7 G PLUMBIN @7 G ELECTRICAL @7 G AC HEAT ME @7 G BLDG CONST @7 G DRAFTING @7 G SHEETMETAL @7 G CARPENTRY @7 G TEC DRAFT @7 G ROOFING @7 G TEC ED 1
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

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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	CAREER CLUSTER	
					TECHNICAL	CAREER
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		
TC100200	DRAFTING PSAV Drafting PSAV	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		
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	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		
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		

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## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION	CAREER CLUSTER	
					TECHNICAL	CAREER
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		
AI 480114	ELECTRICAL DRAFTING Electrical Drafting	30, 31	/		DRAFTING @7 G TEC DRAFT @7 G	BLDG CONST @7 G TEC CONSTR @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		
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		
AI 480115	ELECTRONIC DRAFTING Electronic Drafting	30, 31	/		DRAFTING @7 G TEC DRAFT @7 G	BLDG CONST @7 G TEC CONSTR @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, Electronics 1		/Y PA	2.0		
TDR0672	DRAFTER, ELECTR 2 Drafter, Electronics 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



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			GRADUATION REQUIREMENTS		
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
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
AI480116	MECH DRAFTING Mechanical Drafting	30, 31	/		
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
					BLDG CONST @7 G TEC CONSTR @7 G

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
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
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
1480113	STRUCTURAL DRAFTING Structural Drafting	30, 31	/		
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	/		
SUR0130	SURVEYING RODMAN Surveying Rodman		/Y	VO	3.0
SUR0132	SURVEY ASST, INSTRU Survey Assistant, Instrument		/Y	VO	3.0

DRAFTING @7 G BLDG CONST @7 G  
TEC DRAFT @7 G TEC CONSTR @7 G

TEC CONSTR ¶7 ¶G SURVEY @7 G

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			GRADUATION REQUIREMENTS		
SUR0134	SURVEY PARTY CHIEF Survey Party Chief		/Y	VO	3.0
I15020R	SUR & MAP TECH APPR Surveying and Mapping Technology - Apprenticeship	30, 31	/		
----- 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

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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		
ACR0047	AC, REFG & HEAT MECH1 Air Conditioning, Refrigeration and Heating Mechanic 1		/Y	VO	1.5
ACR0049	AC, REFG & HEAT MECH2 Air Conditioning, Refrigeration and Heating Mechanic 2		/Y	VO	1.5
ACR0044	AC, REFG & HEAT TECH Air Conditioning, Refrigeration and Heating Technician		/Y	VO	2.0
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 Mechanic Assistant		/Y	VO	1.5
ACR0047	AC, REFG & HEAT MECH1 Air Conditioning, Refrigeration and Heating Mechanic 1		/Y	VO	1.5
C400200	AIR COND, REF, HEAT2 Air Conditioning, Refrigeration and Heating Technology 2	30, 31	/		AC HEAT ME @7 G REFRG MECH @7 G
ACR0049	AC, REFG & HEAT MECH2 Air Conditioning, Refrigeration and Heating Mechanic 2		/Y	VO	1.5
ACR0044	AC, REFG & HEAT TECH Air Conditioning, Refrigeration and Heating Technician		/Y	VO	2.0
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

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			SUBJECT AREA GRADUATION REQUIREMENTS		
8722640	MASONRY 4 Masonry 4/Level 2		/Y	VO	1.0
8722650	MASONRY 5 Masonry 5/Level 2		/Y	VO	1.0
I 463112	BRK & BLK MASONRY Brick and Block Masonry	30, 31	/		BLDG CONST ¶7 ¶G TROWEL TR @7 G
BCV0330	MASONRY TENDER Masonry Tender		/Y	VO	3.0
BCV0360	BRI CKLAYER HELPER Bricklayer Helper		/Y	VO	2.0
BCV0362	BRI CKMASON 1 Brickmason 1		/Y	VO	3.0
BCV0363	BRI CKMASON 2 Brickmason 2		/Y	VO	3.0
I 46311R	BRK & BLK MAS - APPR Brick and Block Masonry - Apprenticeship	30, 31	/		
I 46312R	BRK & TILE MASON-APPR Brick and Tile Masonry - Apprenticeship	30, 31	/		
I 46040R	BLDG CONST TECH-APPR Building Construction Technologies - Apprenticeship	30, 31	/		
8720300	BLDG CONST TECH Building Construction Technology	9-12, 30, 31	/		BLDG CONST @7 G TROWEL TR @7 G PLUMBING @7 G ELECTRICAL @7 G AC HEAT ME @7 G TEC CONSTR @7 G
8720310	BLDG CONST TECH 1 Building Construction Technology 1/ Level 2		/Y	VO	1.0
8720320	BLDG CONST TECH 2 Building Construction Technology 2/ Level 2		/Y	VO	1.0
8720330	BLDG CONST TECH 3 Building Construction Technology 3/ Level 2		/Y	VO	1.0
8720340	BLDG CONST TECH 4 Building Construction Technology 4/ Level 2		/Y	VO	1.0
8720350	BLDG CONST TECH 5 Building Construction Technology 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 GRADUATION REQUIREMENTS	CREDI T/CERTI FICATION	CAREER AND TECHNICAL EDUCATION	
8720360	BLDG CONST TECH 6 Building Construction Technology 6/ Level 2		/Y VO	1.0		
8720370	BLDG CONST TECH 7 Building Construction Technology 7/ Level 2		/Y VO	1.0		
I 460401	BLDG CONST TECH Building Construction Technology	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	BLDG MAINT @7 G CARPENTRY @7 G DRAFTING @7 G SHEETMETAL @7 G TEC DRAFT @7 G
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		
8720100	CABI NETMAKING Cabinetmaking	9-12, 30, 31	/		CAB WOODWK @7 G BLDG CONST @7 G	CARPENTRY @7 G TEC CONSTR @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	CABI NETMAKING 4 Cabinetmaking 4/Level 2		/Y VO	1.0		
8720150	CABI NETMAKING 5 Cabinetmaking 5/Level 2		/Y VO	1.0		
I 480704	CABI NETMAKING Cabinetmaking	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		
BCV0235	CABI NET FINISHER Cabinet Finisher		/Y VO	1.0		
BCV0240	CABI NET ASSEMBLER Cabinet Assembler		/Y VO	2.0		
BCV0243	CABI NETMAKER Cabinetmaker		/Y VO	3.0		
8722100	CARPENTRY Carpentry	9-12, 30, 31	/		CAB WOODWK @7 G BLDG CONST @7 G	CARPENTRY @7 G TEC CONSTR @7 G
8722110	CARP & CAB MAKING 1 Carpentry and Cabinetmaking 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	CAREER CLUSTER	
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		
I 460202	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	
I 46020R	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	
I 460407	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	
BCV0191	INSULATION WORKER 2 Insulation Worker 2		/Y	VO	2.5	
BCV0192	INSULATION WORKER 3 Insulation Worker 3		/S	VO	2.5	

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					TEC	BLDG
I 46042R	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		
I 463113	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	BRI CKLAYER HELPER Bricklayer Helper	/Y	VO	2.0		
BCV0300	CONCRETE FINISHER Concrete Finisher	/Y	VO	1.0		
¶I 460404	DRYWALL INSTAL Drywall Installation	30, 31 /			TEC CONSTR ¶7 ¶G DRYWALL @7 G	BLDG CONST ¶7 ¶G
BCV0186	DRYWALL INSTALLER 1 Drywall Installer 1	/Y	VO	2.0		
BCV0187	DRYWALL INSTALLER 2 Drywall Installer 2	/Y	VO	2.0		
I 460314	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		
I 46032R	ELECTRICIAN - APPR Electrician - Apprenticeship	30, 31 /				



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			GRADUATION REQUIREMENTS		
8727200	ELECTRICITY	9-12, 30, 31 /			ELECTRICAL @7 G
8727210	Electricity 1	/Y	VO	1.0	
8727220	Electricity 1/Level 2	/Y	VO	1.0	
8727230	Electricity 2	/Y	VO	1.0	
8727240	Electricity 2/Level 2	/Y	VO	1.0	
8727250	Electricity 3	/Y	VO	1.0	
8727260	Electricity 3/Level 3	/Y	VO	1.0	
8727270	Electricity 4	/Y	VO	1.0	
8727280	Electricity 4/Level 3	/Y	VO	1.0	
8727290	Electricity 5	/Y	VO	1.0	
8727300	Electricity 5/Level 3	/Y	VO	1.0	
8727310	Electricity 6	/Y	VO	1.0	
8727320	Electricity 6/Level 3	/Y	VO	1.0	
8727330	Electricity 7	/Y	VO	1.0	
8727340	Electricity 7/Level 3	/Y	VO	1.0	
8727350	Electricity 8	/Y	VO	1.0	
8727360	Electricity 8/Level 3	/Y	VO	1.0	
I460312	ELECTRICITY	30, 31 /			ELECTRICAL @7 G
BCV0603	ELECTRICIAN HELPER	/Y	VO	2.0	
BCV0640	RES ELECTRICIAN	/Y	VO	3.0	
BCV0652	Residential Electrician	/Y	VO	3.0	
C60010R	COMM ELECTRICIAN	/Y	VO	3.0	
8721800	Commercial Electrician	9-12, 30, 31 /			
8721800	ELEV CONST MECH-APPR	9-12, 30, 31 /			
8721800	Elevator Constructor Mechanic - Apprenticeship	9-12, 30, 31 /			
8721610	FIRE SPRINKLER SYS TECH	/Y	VO	1.0	PLUMBING @7 G TECH CONSTR ¶7 ¶G
8721620	Fire Sprinkler System Technology	/Y	VO	1.0	
8721620	PLUMBING TECH 1	/Y	VO	1.0	
8721620	Plumbing Technology 1/Level 2	/Y	VO	1.0	
8721620	PLUMBING TECH 2	/Y	VO	1.0	
8721620	Plumbing Technology 2/Level 2	/Y	VO	1.0	
8721830	FIRE SPRINKLER SYS TECH 3	/Y	VO	1.0	
8721830	Fire Sprinkler System Technology 3/ Level 2	/Y	VO	1.0	
8721840	FIRE SPRINKLER SYS TECH 4	/Y	VO	1.0	
8721840	Fire Sprinkler System Technology 4/ Level 2	/Y	VO	1.0	
8721850	FIRE SPRINKLER SYS TECH 5	/Y	VO	1.0	
8721850	Fire Sprinkler System Technology 5/ Level 2	/Y	VO	1.0	

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			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
I 460512	FIRE SPRI SYS TECH Fire Sprinkler System Technology	30, 31	/		PLUMBING @7 G TEC CONSTR ¶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
I 46051R	FIRE SPRI SYSS-APPR Fire Sprinkler System Technology- Apprenticeship	30, 31	/		
I 46041R	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
I 460313	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
I 460514	INDUS PIPEFITTER Industrial Pipefitter	30, 31	/		PLUMBING @7 G TEC CONSTR ¶7 ¶G

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					TEC CONSTR	BLDG CONST
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 PAINTING @7 G	BLDG CONST ¶7 ¶G
8721510	PAINTING 1 Painting 1/Level 2	/Y	VO	1.0		
8721520	PAINTING 2 Painting 2/Level 2	/Y	VO	1.0		
8721530	PAINT & DECORATING 3 Painting and Decorating 3/Level 2	/Y	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 PAINTING @7 G	BLDG CONST ¶7 ¶G
BCV0164	PAINT & PAPER HANG 1 Painter and Paper Hanger 1	/Y	VO	2.0		
BCV0165	PAINT & PAPER HANG 2 Painter and Paper Hanger 2	/Y	VO	2.0		
I46043R	PAINT & DEC - APPR Painting and Decorating - Apprenticeship	30, 31	/			
8723600	PLASTERING Plastering	9-12, 30-31	/		TEC CONSTR ¶7 ¶G TROWEL TR @7 G	BLDG CONST ¶7 ¶G
8723610	PLASTERING 1 Plastering 1/Level 2	/Y	VO	1.0		
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 TROWEL TR @7 G	BLDG CONST ¶7 ¶G
BCV0180	PLASTERER Plasterer	/Y	VO	3.0		
I46044R	PLASTERING - APPR Plastering - Apprenticeship	30, 31	/			
8721600	PLUMBING TECH Plumbing Technology	9-12, 30, 31	/		PLUMBING @7 G TEC CONSTR ¶7 ¶G	BLDG CONST ¶7 ¶G
8721610	PLUMBING TECH 1 Plumbing Technology 1/Level 2	/Y	VO	1.0		

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					TECHNICAL	INDUSTRY
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		
I 460513	PLUMBING TECHNOLOGY Plumbing Technology	30, 31	/		PLUMBING @7 G TEC CONSTR 17 1G	BLDG CONST 17 1G
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		
I 46052R	PLUMBING TECH-APPR Plumbing Technology - Apprenticeship	30, 31	/			
I 470202	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 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		
ACR0045	REFRIGERATION MECH Refrigeration Mechanic		/Y VO	2.0		
I 460410	ROOFING Roofing	30, 31	/		TEC CONSTR 17 1G ROOFING @7 G	BLDG CONST 17 1G
BCV0144	ROOFER Roofer		/Y VO	3.0		

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					TEC CONSTR	BLDG CONST
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	BUS MACH @7 G COMP SVC @7 G
8140310	SMART HOMES TECH 1 Smart Homes Technology 1, Level 2	/	VO	1.0	SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	
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	BUS MACH @7 G COMP SVC @7 G
EEV0710	INSTALLATION ASST. Installation Assistant	/	VO	1.0	SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	
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	BLDG CONST ¶7 ¶G METAL WORK @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		
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		

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					TEC	CONSTR
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 -----						
8700400	INDUS COOP ED-OJT Industrial Cooperative Education- OJT	9-12, 30, 31 /M	VO	MULTIPLE	ANY INDUS ED G CULINARY 7 G SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	
I469999	INDUS COOP ED-OJT Industrial Cooperative Education- OJT	30, 31 /			ANY INDUS ED G CULINARY 7 G SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	
8700100	INDUS ED DIR STUDY Industrial Education Directed Study	11-12, 30, 31/M	VO	MULTIPLE	ANY INDUS ED G CULINARY 7 G SEE CURRIC 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	

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-----   ARTS, A/V TECHNOLOGY & COMMUNICATION CAREER CLUSTER   -----				
----- AUDIO/VIDEO TECHNOLOGY & FILM CAREER PATH (ARPA) -----				
8772300	DIG AUD PROD Di gi tal Audi o Producti on	9-12, 30, 31 /	TEC ELEC TEC ED	¶7 ¶G 1 @2
8772310	DIG AUD PROD 1 Di gi tal Audi o Producti on 1/Level 2	/Y	PA	1.0
8772320	DIG AUD PROD 2 Di gi tal Audi o Producti on 2/Level 2	/Y	PA	1.0
8772330	DIG AUD PROD 3 Di gi tal Audi o Producti on 3/Level 2	/Y	PA	1.0
8772340	DIG AUD PROD 4 Di gi tal Audi o Producti on 4/Level 2	/Y	PA	1.0
8772350	DIG AUD PROD 5 Di gi tal Audi o Producti on 5/Level 2	/Y	PA	1.0
8772360	DIG AUD PROD 6 Di gi tal Audi o Producti on 6/Level 2	/Y	PA	1.0
8772370	DIG AUD PROD 7 Di gi tal Audi o Producti on 7/Level 2	/Y	PA	1.0
I100230	DIG AUD PROD Di gi tal Audi o Producti on	30, 31 /	TEC ELEC TEC ED	¶7 ¶G 1 @2
RTT0522	BROADCAST ANNOUNCER Broadcast Announcer	/Y	PA	1.0
RTT0523	AUDIO EQUIP TECH Audi o Equi pment Techni ci an	/Y	PA	2.0
RTT0524	SOUND ENGR TECH Sound Engi neeri ng Techni ci an	/Y	PA	2.0
RTT0525	BROADCAST TECH Broadcast Techni ci an	/Y	PA	2.0
8772400	DIG VID PROD Di gi tal Vi deo Producti on	9-12, 30, 31 /	TV PRO TEC TEC ED	@7 G 1 @2
8772410	DIG VID PROD 1 Di gi tal Vi deo Producti on 1/Level 2	/Y	PA	1.0
8772420	DIG VID PROD 2 Di gi tal Vi deo Producti on 2/Level 2	/Y	PA	1.0
8772430	DIG VID PROD 3 Di gi tal Vi deo Producti on 3/Level 2	/Y	PA	1.0
8772440	DIG VID PROD 4 Di gi tal Vi deo Producti on 4/Level 2	/Y	PA	1.0

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			GRADUATI ON REQUI REMENTS		
8772450	DIG VID PROD 5 Di gi tal Vi deo Producti on 5/Level 2		/Y	PA	1.0
8772460	DIG VID PROD 6 Di gi tal Vi deo Producti on 6/Level 2		/Y	PA	1.0
8772470	DIG VID PROD 7 Di gi tal Vi deo Producti on 7/Level 2		/Y	PA	1.0
8772480	DIG VID PROD 8 Di gi tal Vi deo Producti on 8/Level 2		/Y	PA	1.0
8772490	DIG VID PROD 9 Di gi tal Vi deo Producti on 9/Level 2		/Y	PA	1.0
8772491	DIG VID PROD 10 Di gi tal Vi deo Producti on 10/Level 2		/Y	PA	1.0
I 100240	DIG VID PROD Di gi tal Vi deo Producti on	30, 31	/		TV PRO TEC @7 G TEC ED 1 @2
RTT0530	DIG VIDEO FUND Di gi tal Vi deo Fundamental s		/Y	PA	1.0
RTT0531	AUD/VID EQUIP TECH Audi o and Vi deo Equi pment Techni ci an		/Y	PA	1.0
RTT0532	CAMERA OPERATOR Camera Operator		/Y	PA	2.0
RTT0533	VIDEO EDITOR Vi deo Edi tor		/Y	PA	2.0
RTT0534	MM ARTIST & ANIMATOR Mul ti -medi a Arti st and Animator		/Y	PA	2.0
RTT0525	BROADCAST TECH Broadcast Techni ci an		/Y	PA	2.0
8772200	FILM PDCT EQ OPERAT Fi lm Producti on Equi pment Operati on	9-12, 30, 31	/		TV PRO TEC @7 G TEC ELEC @7 G
8772210	FILM PDCT EQ OP 1 Fi lm Producti on Equi pment Operati on 1/Level 2		/Y	PA	1.0
8772220	FILM PDCT EQ OP 2 Fi lm Producti on Equi pment Operati on 2/Level 2		/Y	V0	1.0
8772230	FILM PDCT EQ OP 3 Fi lm Producti on Equi pment Operati on 3/Level 2		/Y	V0	1.0
8772240	FILM PDCT EQ OP 4 Fi lm Producti on Equi pment Operati on 4/Level 2		/Y	V0	1.0
8772250	FILM PDCT EQ OP 5 Fi lm Producti on Equi pment Operati on 5/Level 2		/Y	V0	1.0



SECTION 5

CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
8772260	FILM PDCT EQ OP 6 Film Production Equipment Operation 6/Level 2		/Y	VO	1.0
8772270	FILM PDCT EQ OP 7 Film Production Equipment Operation 7/Level 2		/Y	VO	1.0
8772280	FILM PDCT EQ OP 8 Film Production Equipment Operation 8/Level 2		/Y	VO	1.0
8772290	FILM PDCT EQ OP 9 Film Production Equipment Operation 9/Level 2		/Y	VO	1.0
8772291	FILM PDCT EQ OP 10 Film Production Equipment Operation 10/Level 2		/Y	VO	1.0
8772292	FILM PDCT EQ OP 11 Film Production Equipment Operation 11/Level 2		/Y	VO	1.0
I100112	FILM PDCT EQ OPERAT Film Production Equipment Operation	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	GRI PS & LI GHTI NG EQ Grips and Lighting Equipment Operator		/Y	VO	2.5
FIL0083	EDI TI NG EQUI P OP Editing Equipment Operator		/Y	VO	2.5
FIL0084	CAMERA ASST Camera Assistant		/Y	VO	2.5
8718100	3-D ANI MATI ON 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
8718110	3-D ANI MATI ON TECH 1 3-D Animation Technology 1/Level 2		/Y	PA	1.0
8718120	3-D ANI MATI ON TECH 2 3-D Animation Technology 2/Level 2		/Y	PA	1.0
8718130	3-D ANI MATI ON TECH 3 3-D Animation Technology 3/Level 2		/Y	PA	1.0
8718140	3-D ANI MATI ON TECH 4 3-D Animation Technology 4/Level 2		/Y	PA	1.0
8718150	3-D ANI MATI ON TECH 5 3-D Animation Technology 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		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
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
I 480200	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
DI G0060	3-D ANI PROD ASST 3-D Animation Production Assistant		/Y	PA	1.0
DI G0061	MODELER Modeler		/Y	PA	2.0
DI G0062	TEXTURE ARTIST/RIG Texture Artist/Rigger		/Y	PA	2.0
DI G0063	ANI/MOTION CAP TECH Animation/Motion Capture Technician		/Y	PA	2.0

JOURNALISM & BROADCASTING CAREER PATH (ARPB)

JOURNALISM		BROADCASTING		CAREER CLUSTER	
^a8771100 JOURNALISM		9-12, 30, 31 /		CERTIFICATION BY COURSE SEE CURRIC 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
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
I 100114	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

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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
8772100	TV PRODUCTION Television Production	9-12, 30, 31 /		TV PRO TEC @7 G TEC ED 1 @2
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
8772192	TV PRODUCTION 11 Television Production 11/Level 3	/Y	VO	1.0
I 100104	TV PRODUCTION Television Production	30, 31 /		TEC ELEC @7 G TEC ED 1 @2
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/Editor Assistant	/Y	PA	3.0
RTT0520	TV PROD/EDIT TECH Television Production/Editor Technician	/Y	VO	2.0

PRINTING TECHNOLOGY CAREER PATH (ARPD)

I 480205	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

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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		
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
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

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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/CERTIFICATION	
			SUBJECT AREA GRADUATION REQUIREMENTS			
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) -----						
I 470103	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	
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 @7 G BUS MACH @7 G TELECOM 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	

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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		
8730240	TELECOM TECH 4 Tel ecommuni cati ons Technol ogy 4/ Level 2		/Y	VO	1.0
I 470301	TELECOMM TECHNOLOGY Tel ecommuni cati ons Technol ogy	30, 31	/		COMP SVC @7 G BUS MACH @7 G TELCOM 7 G ELECTRONIC @7 G ELECTRICAL @7 G
EER0051	TELECOMM INSTALL Tel ecommuni cati ons Installer		/Y	VO	1.0
EER0052	TELECOMM INST & REP Tel ecommuni cati ons Installation and Repair Specialist		/Y	VO	1.0
EER0055	TELECOMM TECH Tel ecommuni cati ons Techni ci an		/Y	VO	2.0
I 47034R	TELECOM TECH - APPR Tel ecommuni cati ons Technol ogy - Apprenti ceshi p	30, 31	/		
I 470305	WI RELESS TELE Wi rel ess Tel ecommuni cati ons	30, 31	/		TELCOM 7 G
CTS0004	CPT SUPPORT TECH Computer Support Techni ci an		/Y	VO	1.0
EEV0505	CPT SUPPORT SPEC Computer Support Speci al i st		/Y	VO	2.0
CTS0006	NETWORK SUPPORT TECH Network Support Techni ci an		/Y	VO	1.0
CTS0007	NETWORK SPECIALI ST Network Speci al i st		/Y	VO	2.0
CTS0008	NETWORK ADMIN Network Admi ni strator		/Y	VO	2.0
CTS0009	WI RELESS TELE ADM Wi rel ess Tel ecommuni cati ons Admi ni strator		/Y	VO	2.0

## VISUAL ARTS CAREER PATH (ARPF)

8718000	COMMERCIAL ART TECH Commerci al Art Technol ogy	9-12, 30, 31	/		COMM ART @7 G
8718010	CMCL ART TECH 1 Commerci al Art Technol ogy 1/Level 2		/Y	PA	1.0
8718020	CMCL ART TECH 2 Commerci al Art Technol ogy 2/Level 2		/Y	PA	1.0
8718030	CMCL ART TECH 3 Commerci al Art Technol ogy 3/Level 2		/Y	PA	1.0

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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		
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
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

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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		
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
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



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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		
PGY0180	PHOTO IMAGING SPEC 1 Photographi c Imaging Speciali st 1		/Y	PA	2.0
PGY0181	PHOTO IMAGING SPEC 2 Photographi c Imaging Speciali st 2		/Y	PA	2.0
PGY0182	PHOTO SPEC/LAB TECH Photography Speciali st/Lab Techni cian		/Y	PA	1.0
K610200	CMCL PHOTO TECH 2 Commerci al 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 Commerci al Photographer		/Y	PA	3.0
8209600	DIGITAL DESIGN Di gi tal Desi gn	9-12, 30, 31	/		BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G SECRETAR @7 G TEC ELEC @7 G \$7 G COMM ART @7 VOE @7 BUS DP @7 G CLERICAL @7 G STENOG @4 @7 G COMPU SCI 6 @2 PRINT 7 G
8200320	KEYBD & BUS SK & Keyboarding and Busi ness Ski lls/ Level 2 AND		/S	VO	0.5
8200330	CPT & BUS SK OR Computer and Busi ness Ski lls/Level 2 OR		/S	VO	0.5
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2		/Y	VO	1.0
8207310	INTROD TO INFO TECH Introducti on to Informati on Technol ogy /Level 2		/Y	PA	1.0
8209510	DIGITAL DESIGN 1 Di gi tal Desi gn 1/Level 2		/Y	PA	1.0
8209520	DIGITAL DESIGN 2 Di gi tal Desi gn 2/Level 3		/Y	PA	1.0
8209530	DIGITAL DESIGN 3 Di gi tal Desi gn 3/Level 3		/Y	PA	1.0
8209540	DIGITAL DESIGN 4 Di gi tal Desi gn 4/Level 3		/Y	PA	1.0
8209550	DIGITAL DESIGN 5 Di gi tal Desi gn 5/Level 3		/Y	PA	1.0
8209560	DIGITAL DESIGN 6 Di gi tal Desi gn 6/Level 3		/Y	PA	1.0

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					TECHNICAL	MANUAL
8209570	DI GI TAL DESI GN 7 Di gi tal Desi gn 7/Level 3	/Y	PA	1.0		
B070600	DI GI TAL DESI GN Di gi tal Desi gn	30, 31 /			BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G SECRETAR @7 G TEC ELEC @7 G \$7 G COMM ART @7	VOE @7 BUS DP @7 G CLERICAL @7 G STENOG @4 @7 G COMPU SCI 6 @2 PRINT 7 G
OTA0040	INFO TECH ASST Informati on Technol ogy Assi stant	/Y	VO	1.0		
GRA0024	PRODUCTI ON ASST Producti on Assi stant	/Y	PA	1.0		
GRA0025	DI GI TAL ASST DSN Di gi tal Assi stant Desi gner	/Y	PA	2.0		
GRA0026	GRAPHI C DESI GNER Graphi c Desi gner	/Y	PA	2.0		
GRA0027	MEDI A DESI GNER Medi a Desi gner	/Y	PA	2.0		
K700100	DI GI TAL DESI GN 1 Di gi tal Desi gn 1	30, 31 /			BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G SECRETAR @7 G TEC ELEC @7 G \$7 G COMM ART @7	VOE @7 BUS DP @7 G CLERICAL @7 G STENOG @4 @7 G COMPU SCI 6 @2 PRINT 7 G
OTA0040	INFO TECH ASST Informati on Technol ogy Assi stant	/Y	VO	1.0		
GRA0024	PRODUCTI ON ASST Producti on Assi stant	/Y	PA	1.0		
GRA0025	DI GI TAL ASST DSN Di gi tal Assi stant Desi gner	/Y	PA	2.0		
K700200	DI GI TAL DESI GN 2 Di gi tal Desi gn 2	30, 31 /			BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G SECRETAR @7 G TEC ELEC @7 G \$7 G COMM ART @7	VOE @7 BUS DP @7 G CLERICAL @7 G STENOG @4 @7 G COMPU SCI 6 @2 PRINT 7 G
GRA0026	GRAPHI C DESI GNER Graphi c Desi gner	/Y	PA	2.0		
GRA0027	MEDI A DESI GNER Medi a Desi gner	/Y	PA	2.0		

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			GRADUATION REQUIREMENTS			
<sup>a</sup> 8506400	FASH DESIGN SERS FASH TECH & DSN SERS Fashi on Desi gn Servi ces Fashi on Technol ogy and Desi gn Ser	9-12, 30, 31 /			VOC HME EC @2 @4 HOMEMAKING @2 ¢7 FAM CON SC 1 TAILORING ¢7 APPRL MFG ¢7 @7 G	HME EC OCC ¢7 HOME EC @2 GEN HME EC @2 @4 TEC ED 1 @2
8506405	DES SERS CORE Desi gn Servi ces Core/Level 2	/Y	PA		1.0	
8506410	PRIN OF FASH DSN SER Pri nci pl es of Fashi on Desi gn Servi ces /Level 2	/Y	PA		1.0	
8506420	PATTERN DSN TECNQS Pattern Desi gn Techni ques/Level 2	/Y	PA		1.0	
8506430	FASH DSN SPEC Fashi on Desi gn Speci al ist/Level 3	/Y	PA		1.0	
<sup>a</sup> V200400	FASH DESIGN SERS FASH TECH & DSN SERS Fashi on Desi gn Servi ces Fashi on Technol ogy and Desi gn Ser	30, 31 /			VOC HME EC @2 @4 FAM CON SC 1 HME EC OCC ¢7 @7 G APPRL MFG ¢7 @7 G TAILORING ¢7 @7 G	HOME EC @2 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 Fashi on Coordi nator/Styli st	/Y	PA		1.0	
8521040	INT DECOR FAB Interi or Decor Fabri cati on	9-12, 30, 31 /			HOMEMAKING ¢7 @2 VOC HME EC @4 FAM CON SC 1	HOME EC @2 HME EC OCC ¢7
8521041	INTROD INT DECR FAB1 Introducti on to Interi or Decor Fabr icati on 1/Level 2	/Y	VO		1.0	
8521042	INTROD INT DECR FAB2 Introducti on to Interi or Decor Fabr icati on 2/Level 2	/Y	VO		1.0	
8521043	INTROD INT DECR FAB3 Introducti on to Interi or Decor Fabr icati on 3/Level 2	/Y	PA		1.0	
V200505	INTERIOR DECOR FAB Interi or Decor Fabri cati on	30, 31 /			HOMEMAKING ¢7 @7 G @2 HOME EC @2 FAM CON SC 1 INT DEC 7 G	HME EC OCC ¢7 @7 G VOC HME EC @4 @2 GEN HME EC @2

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	
					CREDIT/CERTIFICATION	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS
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 C7 @2 @7 G GEN HME EC @2 FAM CON SC 1 INT DEC 7 G	HOME EC @2 HME EC OCC C7 @7 G VOC HME EC @2 @4
HEV0412	SALES/COLOR CONSULT Sales/Color Consultant		/Y VO	1.0		
HEV0452	FURN ARR/SPACE PLAN Furniture Arranger/Space Planner		/Y VO	2.0		
HEV0453	MERCH STYL/VIS DISP Merchandise Stylist/Visual Displayer		/Y VO	2.0		
HEV0413	INT DEC/INT DEC CONS Interior Decorator/Interior Decorating Consultant		/Y VO	1.0		
8506500	INT DESIGN SERS Interior Design Services	9-12, 30, 31	/		VOC HME EC @2 @4 HOMEMAKING @2 C7 FAM CON SC 1 TAILORING C7 INT DES 7 G	HME EC OCC C7 HOME EC @2 GEN HME EC @2 APPRL MFG C7 @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	/		VOC HME EC @2 @4 FAM CON SC 1 TEC ED 1 @2 TAILORING C7 @7 G INT DEC 7 G	HOME EC @2 GEN HME EC @2 HME EC OCC C7 @7 G APPRL MFG C7 @7 G HOMEMAKING C7 C2 @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		

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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	CREDI T/CERTI FICATION	CAREER AND TECHNICAL EDUCATION	
					TAI LORING	GEN HME EC
HEV0414	INTERIOR DESIGN SPEC Interior Design Specialist	/Y	PA	1.0		
V200700	SEW TEC & SERS Sewing Technology and Services	30, 31	/		VOC HME EC @2 @4 TEC ED 1 @2 HME EC OCC C7 @7 G HOME EC C7 @2 @7 G HOME EC @2	TAI LORING C7 @7 G GEN HME EC @2 APPRL MFG C7 @7 G FAM CON SC 1 HOMEMAKING C7 @2 @7 G
HEV0203	SEAMSTRESS Seamstress	/Y	VO	1.0		
HEV0240	POWER MACHINE OP Power Machine Operator	/Y	VO	0.0		
HEV0211	ALTERATIONIST Alterationist	/Y	VO	1.0		
HEV0212	CONSTRUCTION SPEC Construction Specialist	/Y	VO	1.0		
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

8209100	CAR IN FASH & INT Careers in Fashion and Interior Design	6-8, 30, 31	/		VOC HME EC @4 HOME EC @2	FAM CON SC 1
8209200	CAR IN FASH & INT CP Careers in Fashion and Interior Design and Career Planning	6-8, 30, 31	/		VOC HME EC @4 HOME EC @2	FAM CON SC 1
8500380	FABR CONSTRUCTION Fabric Construction/Level 2	9-12, 30, 31	/S	PA	0.5 VOC HME EC @4 HOME EC @2	FAM CON SC 1

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
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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDI T/CERTI FICATION	CAREER AND TECHNICAL EDUCATION	
					BUS ED	TEACH CBE
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	VO	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	VO	1.0	
MNA0080	SUPR/MANAGER TRAINEE Supervisor/Manager Trainee		/Y	VO	2.0	
MNA0082	SUPERVISOR Supervisor		/Y	VO	3.0	
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		

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## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; 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		
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	VO		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 STENOGR @4 @7 COMPU SCI 6
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	VO		1.0
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

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## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; 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		
----- BUSINESS FINANCIAL MANAGEMENT CAREER PATH (BAPB) -----					
8203400	ACCT OPS Accounting Operations	9-12, 30, 31 /			BUS ED 1 @2 VOE @7 BOOKKEEPIN @4 @7 G SEE CURRIC 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	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 2	/Y	VO	1.0	
8203320	ACCT APPL 2 Accounting Applications 2/Level 2	/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 CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	VO	1.0	
AC00040	ACCOUNTING CLERK Accounting Clerk	/Y	VO	2.0	
AC00041	ACCOUNTING ASSC Accounting Associate	/Y	VO	2.0	
AC00042	ACCOUNTING ASST Accounting Assistant	/Y	VO	1.0	



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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		
----- 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	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 2	/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	VO	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	

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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			
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	VO		1.0	
MNA0830	E-COMM CUST SER REP E-Commerce Customer Service Representative	/Y	PA		1.0	
MNA0831	E-COMMERCE ENTREP E-Commerce Entrepreneur	/Y	PA		1.0	
MNA0832	E-COMM WEB ASST E-Commerce Web Assistant	/Y	VO		1.0	

## ADMINISTRATIVE &amp; INFORMATION SUPPORT CAREER PATH (BAPF)

<sup>a</sup> 8212500	ADM AST ADM OFFICE SPEC Administrative Assistant Administrative Office Specialist	9-12, 30, 31	/		BUS ED 1 @2 VOE @7 SECRETAR @7 G STENOGR @4 @7 SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	TEACH CBE @7 CLERICAL @7 G 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	VO		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	

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDI T/CERTI FICATION			
8212120	BUS SOFTWARE APPL 1 Busi ness Software Appl ications 1/ Level 2		/Y VO	1.0			
8209510	DIGITAL DESIGN 1 Di gi tal Desi gn 1/Level 2		/Y PA	1.0			
8212410	ADM OFFICE TECH 2 Admi ni strati ve Offi ce Technol ogy 2/ Level 2		/Y VO	1.0			
8212420	ADM OFFICE TECH 3 Admi ni strati ve Offi ce Technol ogy 3/ Level 2		/Y VO	1.0			
8212160	BUS SOFTWARE APPL 2 Busi ness Software Appl ications 2/ Level 2		/Y VO	1.0			
<sup>a</sup> B070330	ADM ASSISTANT ADM OFFICE SPEC Admi ni strati ve Assi stant Admi ni strati ve Offi ce Speci alist	30, 31	/		BUS ED 1 @2 VOE @7 SECRETAR @7 G STENOG @4 @7 SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	TEACH CBE @7 CLERICAL @7 G MANAG SUPV @7 G	
OTA0040	INFO TECH ASST Informati on Technol ogy Assi stant		/Y VO	1.0			
OTA0041	FRONT DESK SPEC Front Desk Speci alist		/Y VO	2.0			
OTA0030	ASST DIG PROD DSN Assi stant Di gi tal Producti on Desi gner		/Y VO	1.0			
OTA0043	ADM NI STRATI VE ASST Admi ni strati ve Assi stant		/Y VO	3.0			
8200200	COURT RPT Court Reporti ng	9-12, 30, 31	/		BUS ED 1 @2 VOE @7 STENOG @4 @7	TEACH CBE @7 SECRETAR @7 G	
8209020	CPT FOR COLG & CAR Computi ng for Col lege and Careers/ Level 2		/Y VO	1.0			
8200230	COURT RPT TECH 1 Court Reporti ng Technol ogy 1/Level 2		/Y VO	1.0			
8200240	COURT RPT TECH 2 Court Reporti ng Technol ogy 2/Level 2		/Y VO	1.0			
8200250	COURT RPT TECH 3 Court Reporti ng Technol ogy 3/Level 2		/Y VO	1.0			
8200260	COURT RPT TECH 4 Court Reporti ng Technol ogy 4/Level 2		/Y VO	1.0			
8200270	COURT RPT TECH 5 Court Reporti ng Technol ogy 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 GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION			
					BUS ED	TEACH CBE	
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			
B070602	COURT RPT Court Reporting	30, 31	/		BUS ED VOE STENO	1 @2 @7 @4 @7	TEACH CBE @7 SECRETAR @7 G
OTA0040	INFO TECH ASST Information Technology Assistant		/Y VO	1.0			
OTA0044	COURT REPORT TRAN I Court Reporting Transcriptionist I		/Y VO	1.0			
OTA0045	COURT REPORT TRAN II Court Reporting Transcriptionist II		/Y VO	2.0			
OTA0046	COURT REPORT TRAN III Court Reporting Transcriptionist III		/Y VO	1.0			
OTA0047	COURT REPORT SCOPIST Court Reporting Scopi st		/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 STENO	1 @2 @7 @4 @7	TEACH CBE @7 SECRETAR @7 G
OTA0040	INFO TECH ASST Information Technology Assistant		/Y VO	1.0			
OTA0044	COURT REPORT TRAN I Court Reporting Transcriptionist I		/Y VO	1.0			
OTA0045	COURT REPORT TRAN II Court Reporting Transcriptionist II		/Y VO	2.0			
OTA0046	COURT REPORT TRAN III Court Reporting Transcriptionist III		/Y VO	1.0			
B700600	COURT RPT 2 Court Reporting 2	30, 31	/		BUS ED VOE STENO	1 @2 @7 @4 @7	TEACH CBE @7 SECRETAR @7 G
OTA0047	COURT REPORT SCOPIST Court Reporting Scopi st		/Y VO	4.0			

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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	CAREER CLUSTER	
					TECHNICAL	EDUCATION
B700700	COURT RPT 3 Court Reporting 3	30, 31 /		BUS ED VOE STENOGR	1 @2 @7 @4 @7	TEACH CBE @7 SECRETAR @7 G
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		
8218100	CUST ASST TECH Customer Assistance Technology	9-12, 30, 31 /		BUS ED TEACH CBE SECRETAR	1 @2 @7 @7 G	VOE @7 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	VO	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 @7 CLERICAL @7 G
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	VO	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 STENOGR @4 @7

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			GRADUATION REQUIREMENTS		
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	VO		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 TEACH CBE @7 SECRETAR @7 G STENOG @4 @7
OTA0040	INFO TECH ASST Information Technology Assistant		/Y	VO	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 @4 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

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION	CAREER AND TECHNICAL EDUCATION	
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	VO	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 CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	VOE @7 STENOG @4 @7 CLERICAL @7 G
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	VO	1.0		
OTA0041	FRONT DESK SPEC Front Desk Specialist	/Y	VO	2.0		
OTA0631	MEDICAL OFFICE TECH Medical Office Technologist	/Y	VO	2.0		
OTA0651	MEDICAL ADMIN SPEC Medical Administrative Specialist	/Y	VO	2.0		

SUPPLEMENTAL PROGRAMS

8500375	BLUEPR PROF SUCCESS Blueprint for Professional Success/ Level 2	9-12, 30, 31	/Y	VO	1.0	VOC HME EC @4 MKTG 1 @2 BUS ED 1 @2 PRAC NURSE @7 G AGRICULTUR 1 @2 REG NURSE G	HOME EC @2 AGRI @2 FAM CON SC 1 TEC ED 1 @2 NURSING ED @5 VOC AGRI @4
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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDI T/CERTI FICATION	COURSES MEETING		SUBJECT AREA		GRADUATION	
8200420	BUSINESS COOP MGMT Business Cooperative Education Organization and Management	9-12, 30, 31 /M	VO	MULTIPLE	BUS ED 1 @2	TEACH CBE @7				
B079998	BUSINESS COOP ORG Business Cooperative Education Organization and Management	30, 31 /M	VO	MULTIPLE	VOE @7 ANY BUSINESS ED/TC COOP ED E G BUS ED 1 @2	TEACH CBE @7				
8200410	BUSINESS COOP ED OJT Business Cooperative Education-OJT	9-12, 30, 31 /M	VO	MULTIPLE	VOE @7 ANY BUSINESS ED/TC COOP ED E G ANY BUSINESS ED G	TEACH CBE @7				
B079999	BUSINESS COOP OJT Business Cooperative Education-OJT	30, 31 /	VO	MULTIPLE	BUS ED 1 @2	TEACH CBE @7				G
8200100	BUSINESS DIR STUDY Business Education Directed Study	11-12, 30, 31/M	VO	MULTIPLE	ANY BUSINESS ED/TC COOP ED E G ANY BUSINESS ED G					
8299990	BUSINESS ED TRAN Business Education Transfer	9-12, 30, 31 /			BUS ED 1 @2					
B000000	BUSINESS ED TRAN Business Education Transfer	30, 31 /			NA					
8200110	BUSINESS KEYBD Business Keyboarding	6-9, 30, 31 /S	VO	0.5	BUS ED 1 @2	TEACH CBE @7	VOE @7			
8200130	BUS KEY & CAR PLAN Business Keyboarding and Career Planning	6-9, 30, 31 /S	VO	0.5	BUS ED 1 @2	TEACH CBE @7	VOE @7			
8200120	BUSINESS LEAD SKLS Business Leadership Skills	6-9, 30, 31 /S	VO	0.5	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	TEACH CBE @7	VOE @7			
8200520	CPTR APPL BUS 1 Computer Applications in Business 1	6-8, 30, 31 /S	VO	0.5	BUS ED 1 @2	TEACH CBE @7	VOE @7			
8200220	CPTR APPL BUS 1 & CP Computer Applications in Business 1 and Career Planning	6-8, 30, 31 /S	VO	0.5	BUS ED 1 @2	TEACH CBE @7	VOE @7			
8200210	CPTR APPL BUSINESS 2 Computer Applications in Business 2	6-9, 30, 31 /S	VO	0.5	TEC ED 1 @2 BUS ED 1 @2	TEACH CBE @7	VOE @7			
8200211	CPTR APPL BUSINESS 3 Computer Applications in Business 3	6-9, 30, 31 /S	VO	0.5	BUS ED 1 @2	TEACH CBE @7	VOE @7			
					CLERICAL @7 G	SECRETAR @7 G				
					TEC ELEC @7 G	STENOGR @4 @7				
					BOOKKEEPIN @4 @7 G	ELECT DP @7 G				
					TEC ED 1 @2	COMPU SCI 6				



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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDI T/CERTI FICATION	COURSES MEETING		SUBJECT AREA								
8200212	CPTR APPL BUSINESS 4 Computer Applications in Business 4	6-9, 30, 31 /S	VO	0.5	BUS ED 1 @2	TEACH CBE @7	CLERICAL @7	STENOG @4 @7	VOE @7	SECRETAR @7	COMPU SCI @6				
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
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	STENOG @4 @7		

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EDUCATION & TRAINING CAREER CLUSTER

PROFESSIONAL SUPPORT SERVICES CAREER PATH (EDPA)  
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8909000	TCHR ASSIST Teacher Assisting	9-12, 30, 31 /				ANY FIELD WHEN CERT REFLECTS BACHELOR/ HIGHER					
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						

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; 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	TEACHING/TRAINING CAREER PATH (EDPC)		
V200206	CHILD CARE CTR OPS Child Care Center Operations	30, 31	/		VOC HME EC @4 @2 GEN HME EC @2 E CHILD ED @0 FAM CON SC 1 HME EC OCC c7 @7 G CH CARE TR 7 G	HOMEMAKING c7 @7 @2 G PRIMARY ED @B PRESCH ED A PK PRIMARY H HOME EC @2	
HEV0160	CHILD CARE CTR DIR Child Care Center Director		/Y	VO	0.0		
<sup>a</sup> 8503210	EARLY CHILD ED Early Childhood Education	9-12, 30, 31	/			VOC HME EC @4 @2 PRIMARY ED @B PRESCH ED A HME EC OCC c7 FAM CON SC 1	HOME EC @2 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		
<sup>a</sup> V200210	EARLY CHILD ED Early Childhood Education	30, 31	/			VOC HME EC @4 @2 PRIMARY ED @B PRESCH ED A PK PRIMARY H CH CARE TR 7 G SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	GEN HME EC @2 E CHILD ED @0 HOME EC @2 FAM CON SC 1
HEV0117	CHILD CARE WKR - PS Child Care Worker - Preschool		/S	VO	0.5		
HEV0101	CHILD CARE TEACH AID Child Care Teacher Aide		/S	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		
<sup>a</sup> 8405100	EARLY CHILD ED NEW Early Childhood Education NEW	9-12, 30, 31	/			VOC HME EC @4 @2 HOMEMAKING c7 @2 E CHILD ED @0 PK PRIMARY H	PRIMARY ED @B PRESCH ED A HME EC OCC c7 FAM CON SC 1

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION	CAREER AND TECHNICAL EDUCATION	
8405110	EARLY CHILD NEW 1 Early Childhood Education 1 NEW/ Level 2		/Y VO	1.0		
8405120	EARLY CHILD NEW 2 Early Childhood Education 2 NEW/ Level 2		/Y VO	1.0		
8405130	EARLY CHILD NEW 3 Early Childhood Education 3 NEW/ Level 2		/Y VO	1.0		
8405140	EARLY CHILD NEW 4 Early Childhood Education 4 NEW/ Level 3		/Y VO	1.0		
≈E300100	EARLY CHILD ED NEW Early Childhood Education NEW	30, 31	/		VOC HME EC @4 @2 PRIMARY ED @B PRESCH ED A FAM CON SC 1 SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	GEN HME EC @2 E CHILD ED @0 PK PRIMARY H CH CARE TR 7 G
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	TEACHER (PRESCHOOL) Teacher (Preschool)		/S VO	1.0		
V20021R	EARLY CHILD ED-APPR Early Childhood Education - Apprenticeship	30, 31	/			
V200410	FAM CHILD CARE TRAIN Family Child Care Training	30, 31	/		VOC HME EC @4 @2 HOMEMAKING @7 @7 @2 G E CHILD ED @0 HOME EC @2 HME EC OCC @7 @7 G CH CARE TR 7 G	GEN HME EC @2 PRIMARY ED @B PRESCH ED A PK PRIMARY H FAM CON SC 1
HEV0119	FAM CHILD CARE PROV Family Child Care Provider		/Y VO	0.0		
V200310	SCH AGE CER TRAIN School Age Certification Training	30, 31	/		VOC HME EC @4 @2 PRIMARY ED @B PRESCH ED A PK PRIMARY H	GEN HME EC @2 E CHILD ED @0 HOME EC @2 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		

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDI T/CERTI FICATION
			GRADUATION REQUIREMENTS		
8500160	S SCH AGE CER TRAIN Secondary School Age Certi fi cation Trai ni ng	9-12, 30, 31 /			VOC HME EC @4 @2 PRIMARY ED @B PRESCH ED A PK PRIMARY H GEN HME EC @2 E CHIL D ED @0 HOME EC @2 FAM CON SC 1
8500170	S SCH AGE CER TRAIN1 Secondary School Age Certi fi cation Trai ni ng 1/Level 2	/Y	VO	1.0	
8500175	S SCH AGE CER TRAIN2 Secondary School Age Certi fi cation Trai ni ng 2/Level 2	/Y	VO	1.0	
8500180	S SCH AGE CER TRAIN3 Secondary School Age Certi fi cation Trai ni ng 3/Level 2	/Y	VO	1.0	
8500185	S SCH AGE CER TRAIN4 Secondary School Age Certi fi cation Trai ni ng 4/Level 2	/Y	VO	1.0	

GENERAL PROGRAMS

8409100	CAREERS IN EDUC Careers in Education	6-8, 30, 31 /		0.5	VOC HME EC @4 HOME EC @2 FAM CON SC 1
8409200	CAREERS IN ED & CP Careers in Education and Career Planni ng	6-8, 30, 31 /		0.5	VOC HME EC @4 HOME EC @2 FAM CON SC 1
8500310	CHILD DEV Chi ld Devel opment/Level 2	9-12, 30, 31 /S	VO	0.5	E CHIL D ED @0 PRESCH ED A PRIMARY ED @B FAM CON SC 1 VOC HME EC @4 HOME EC @2 PK PRIMARY H
8500100	FAM&CONS SCI DIR ST Fami ly and Consumer Sci ences Di rected Study	9-12, 30, 31 /M	VO	MULTIPLE	HOME EC @2 ANY HOME ECONOMIC S ED G PRESCH ED A E CHIL D ED 2 SC FOOD SV @6 FAM CON SC 1 VOC HME EC @4 HOME EC @2 HOMEMAKING c7 @2 ANY HOME EC/TC COOP ED E G PK PRIMARY H FAM CON SC 1 GEN HME EC @2 PRIMARY ED @B E CHIL D ED @0 CULINARY 7 G
8500410	FAM & CONS SCI - OJT Fami ly and Consumer Sci ences-OJT	9-12, 30, 31 /M	VO	MULTIPLE	HOME EC @2 ANY HOME EC/TC COOP ED E G PK PRIMARY H FAM CON SC 1 GEN HME EC @4 PRESCH ED A SC FOOD SV @6 HME EC OCC c7 CULINARY 7 G

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION	CAREER AND TECHNICAL EDUCATION	
					GEN HME EC @2	HME EC OCC C7 @7 G
V209999	FAM & CONS SCI - OJT Family and Consumer Sciences-OJT	30, 31 /		4.0	HOME EC @2 PRESCH ED A PRIMARY ED @B SC FOOD SV @6 HOMEMAKING C7 G @2 @7	PK PRIMARY H E CHILD ED @0 QUAN FOOD @7 G C7 FAM CON SC 1 VOC HME EC @4 @2

## ENERGY CAREER CLUSTER

## ENERGY

I 460303	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	
I 46030R	ELEC LINESER&RPR-APP Electrical Line Service and Repair - Apprenticeship	30, 31 /				
9700200	ENERGY GENERATION TE Energy Generation Technician	9-12, 30, 31 /				CERTIFICATION BY COURSE SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE ELECTRICAL @7 G IND ENGR @7 G TEC ED 1 @2
8006110	ENERGY FOUNDATIONS Energy Foundations/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 /				CERTIFICATION BY COURSE SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE 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 CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE ELECTRICAL @7 G IND ENGR @7 G TEC ED 1 @2

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## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; 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		
8006110	ENERGY FOUNDATIONS Energy Foundations/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
9700100	POWER DIST TECH Power Distribution Technician	9-12, 30, 31	/		CERTIFICATION BY COURSE SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE ELECTRICAL @7 G IND ENGR @7 G TEC ED 1 @2
8006110	ENERGY FOUNDATIONS Energy Foundations/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	/		CERTIFICATION BY COURSE SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE ELECTRICAL @7 G IND ENGR @7 G TEC ED 1 @2
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 CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE ELECTRICAL @7 G IND ENGR @7 G TEC ED 1 @2
8006110	ENERGY FOUNDATIONS Energy Foundations/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	/		CERTIFICATION BY COURSE SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE ELECTRICAL @7 G IND ENGR @7 G TEC ED 1 @2
EEV0200	SOLAR ENERGY TECH Solar Energy Technician		/	VO	3.0

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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				
✱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	AIR COND @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		
X600300	SOLAR THER SYS DSGN Solar Thermal System Design, Installation and Maintenance - Entry Level	30, 31	/			PLUMBIN @7 G AIR COND @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		

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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		CREDI T/CERTI FICATI ON
			GRADUATI ON REQUI REMENTS		
9700580	TURB GEN MECH 8 Turbi ne Generator Mechani c 8/Level 2	/S	VO		1.0
9700590	TURB GEN MECH 9 Turbi ne Generator Mechani c 9/Level 2	/S	VO		1.0
²X600500	TURB GEN MAINT, INSP Turbi ne Generator Mai ntenance, Inspecti on and Repair	30, 31	/		TEC CONSTR @7 G BLDG CONST @7 G
EEV0140	TURB GEN MAINT TE I Turbi ne Generator Mai ntenance Techni ci an I	/Y	VO		3.0
EEV0141	TURB GEN MAINT TE II Turbi ne Generator Mai ntenance Techni ci an II	/Y	VO		3.0
EEV0142	TURB GEN MAINT MECH Turbi ne Generator Mai ntenance Mechani c	/Y	VO		3.0
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FINANCE CAREER CLUSTER

FINANCIAL & INVESTMENT PLANNING CAREER PATH (FNPA)

^8815100	FINANCE Fi nance	9-12, 30, 31	/			SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8815150	FIN & BUS TECH Fi nance and Busi ness Technol ogy/ Level 2		/Y	VO	1.0	
8207310	INTROD TO INFO TECH Introducti on to Informati on Technol ogy /Level 2		/Y	PA	1.0	
8203310	ACCT APPL 1 Accounting Appli cations 1/Level 2		/Y	VO	1.0	
8815110	FINANCIAL OPS Fi nanci al Operati ons/Level 3		/Y	VO	1.0	
2102360	AP MI CROECONOMI CS AP Mi croeconomi cs		/Y	EC	0.5	
2102370	AP MACROECONOMI CS AP Macroeconomi cs		/Y	EC	0.5	
8815130	FINANCIAL INTERN Fi nanci al Internshi p/Level 2 OR		/M	VO	MULTI PLE	



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## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDI T/CERTI FICATION	CAREER CLUSTER	
					TECHNICAL	AGRICULTURE
8800410	MARKETING COOP-OJT Marketi ng Cooperati ve Educati on-OJT /Level 2		/M VO	MULTIPLE		
8815120	PERS FIN PLAN Personal Financi al Pl anni ng/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 Busi ness Technol ogy		/Y VO	1.0		
BRC0091	ACCOUNTING APPS 1 Accounti ng Appl icati ons 1		/Y VO	1.0		
BRC0094	FINANCI AL OPERATI ONS Financi al Operati ons		/Y VO	1.0		
BRC0945	FINANCI AL INTERNSHIP Financi al Internship		/Y VO	1.0		
BRC0093	PERSONAL FIN PLAN Personal Financi al Pl anni ng		/Y VO	1.0		
8515300	GLOBAL FINANCE Gl obal 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 Busi ness Technol ogy/ Level 2		/Y VO	1.0	SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	
8203310	ACCT APPL 1 Accounti ng Appl icati ons 1/Level 2		/Y VO	1.0		
8815160	MANAGERI AL ACCT Manageri al Accounti ng/Level 3		/Y VO	1.0		
8815130	FINANCI AL INTERN Financi al Internship/Level 2 OR		/M VO	MULTIPLE		
8800410	MARKETING COOP-OJT Marketi ng Cooperati ve Educati on-OJT /Level 2		/M VO	MULTIPLE		
8815170	BUS IN A GLOBAL ECON Busi ness In A Gl obal Economy/Level 3		/Y VO	1.0		
F100110	GLOBAL FINANCE Gl obal 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 Busi ness Technol ogy		/Y VO	1.0		
BRC0091	ACCOUNTING APPS 1 Accounti ng Appl icati ons 1		/Y VO	1.0		

SECTION 5

CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
AC00050	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 CURRIC 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
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)					
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ªM807050	MORTGAGE BROKER LOAN ORIGINATOR Mortgage Broker Loan Originator	30, 31	/		SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
REE0092	LOAN OFFICERS Loan Officers		/Y	VO	0.0
ªM804990	TELLER OPERATIONS Teller Operations	30, 31	/		BANK FINC @7 G TEACH CDE @7 MKTG 1 @2 DIST ED @7 BUS ED 1

SECTION 5

CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION	CAREER CLUSTER	
					TECHNICAL	INDUSTRIAL
BRC0109	TELLERS Tellers		/Y VO	1.0		
<sup>a</sup> 8815200	TELLER OPERATIONS Teller Operations/Level 2	9-12, 30, 31	/Y VO	1.0	BANK FINC TEACH CDE BUS ED	@7 G @7 1
						DIST ED MKTG
						@7 1 @2
----- INSURANCE SERVICES CAREER PATH (FNPD) -----						
M810011	HEALTH INS MARKET Health Insurance Marketing	30, 31	/		INSURANCE	@7 G
RMI 0097	INS SALES AGT (HLTH) Insurance Sales Agent (Health Only)		/Y VO	0.0		
M810015	INS CLAIMS ADJUSTER Insurance Claims Adjuster	30, 31	/		SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	
RMI 0094	INSURANCE CLAIMS ADJ Insurance Claims Adjuster		/Y VO	0.0		
M810013	INS CUSTOMER REPR Insurance Customer Representative	30, 31	/		INSURANCE	@7 G
RMI 0095	INSURANCE CUST REP Insurance Customer Representative		/S VO	0.5		
M810016	INS CUST SERV REP Insurance Customer Service Representative	30, 31	/		SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	
RMI 0093	(INS) CUST SRV REP (Insurance) Customer Service Representative		/Y VO	0.0		
M810014	INS GEN LINES AGENT Insurance General Lines Agent	30, 31	/		INSURANCE	@7 G
RMI 0096	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 CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	
RMI 0070	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
RMI 0099	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

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION
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RMI 0098	PERS LINES INS AGT Personal Lines Insurance Agent (20-44)	/Y	VO	0.0
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GENERAL PROGRAMS

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

GOVERNANCE CAREER PATH (GVPA)

^8744000	PUBLIC WORKS Public Works	9-12, 30, 31 /			ANY VOCATIONAL FIELD OR 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 Earth/Space Science	/Y	SC	1.0	
2001340	Envi r. Science Environmental Science	/Y	SC	1.0	
2003310	Physi cal Sci ence Physi cal Sci ence	/Y	SC	1.0	
I 470304	PUBLIC WORKS Public Works	30, 31 /			ANY VOCATIONAL FIELD OR COVERAGE
ETC0003	PUB WORKS CADET 1 Public Works Cadet 1 (Core)	/Y	VO	1.0	
ETC0004	PUB WORKS CADET 2 Public Works Cadet 2	/Y	VO	1.0	
ETC0005	PUB WORKS CADET 3 Public Works Cadet 3	/Y	VO	1.0	

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; 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
----- PLANNING CAREER PATH (GVPD) -----				
8602000	EMER PLAN & RESPONSE Emergency Planning and Response	9-12	/	PUB SERV @7 G
8602010	EMER PLAN & RESP 1 Emergency Planning and Response 1/ Level 3		/Y V0	1.0
8602020	EMER PLAN & RESP 2 Emergency Planning and Response 2/ Level 3		/Y V0	1.0
8602030	EMER PLAN & RESP 3 Emergency Planning and Response 3/ Level 3		/Y V0	1.0
8602040	EMER PLAN & RESP 4 Emergency Planning and Response 4/ Level 3		/Y V0	1.0
----- PUBLIC MANAGEMENT & ADMINISTRATION CAREER PATH (GVPG) -----				
<sup>a</sup> 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 V0	2.5
PAD0876	HUMAN RESOURCES MGR2 Human Resources Manager 2		/Y V0	2.5
PAD0877	HUMAN RESOURCES MGR3 Human Resources Manager 3		/Y V0	2.5
----- SUPPLEMENTAL PROGRAMS -----				
8900210	EX OF PS OCCS Exploration of Public Service Occupations	6-9, 30, 31	/S V0	0.5 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 V0	1.0 ANY PUB SERV OCC ED G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION
-----				
HEALTH SCIENCE CAREER CLUSTER				
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THERAPEUTIC SERVICES CAREER PATH (HLPA)				
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8417130	ALLIED HEALTH ASSIST	9-12, 30, 31 /		CERTIFICATION BY COURSE
8417100	Allied Health Assisting HEALTH SCIENCE 1 Health Science 1/Level 2	/Y	VO	SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE 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
8417140	DENTAL AIDE Dental Aide	9-12, 30, 31 /		CERTIFICATION BY COURSE
8417100	HEALTH SCIENCE 1 Health Science 1/Level 2	/Y	VO	SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE 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 TEC \$7 \$G
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
H170105	DEN ASST TECH&MGATD 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

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
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 CURRIC 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
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 CURRIC 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 CURRIC 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

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; 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		
8417171	EMERG MED RESP 3 Emergency Medi cal Responder 3/Level 2		/Y	VO	1.0
84171500	EMERG MED RESP Emergency Medi cal Responder	30, 31	/		SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
HSC0003	BASIC HEALTHCARE WKR Basi c Heal thcare Worker		/Y	VO	1.0
EMS0050	EMERG MED RESP Emergency Medi cal Responder		/Y	VO	1.0
W170205	EMT (BASIC) Emergency Medi cal Techni ci an (Basi c)	30, 31	/		SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
HSC0003	BASIC HEALTHCARE WKR Basi c Heal thcare Worker		/Y	VO	1.0
EMS0159	EMER MEDICAL TECH Emergency Medi cal Techni ci an		/Y	VO	1.0
W170208	EMT (Basi c)-ATD Emergency Medi cal Techni ci an(Basi c) -ATD	30, 31	/		
HSC0003	BASIC HEALTHCARE WKR Basi c Heal thcare Worker		/Y	VO	1.0
EMS0159	EMER MEDICAL TECH Emergency Medi cal Techni ci an		/Y	VO	1.0
8417000	HEALTH & WELLNESS Heal th and We llness	9-12, 30, 31	/	VO	SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417100	HEALTH SCIENCE 1 Heal th Sci ence 1/Level 2		/Y	VO	1.0
8417110	HEALTH SCIENCE 2 Heal th Sci ence 2/Level 2		/Y	VO	1.0
8417120	HEALTH & WELLNESS 3 Heal th and We llness 3/Level 2		/Y	VO	1.0
8417280	HEAL UNIT COOR (NEW) Heal th Uni t Coordi nator (NEW) (Secondary)	9-12, 30, 31	/		CERTIFICATION BY COURSE SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417100	HEALTH SCIENCE 1 Heal th Sci ence 1/Level 2		/Y	VO	1.0
8417110	HEALTH SCIENCE 2 Heal th Sci ence 2/Level 2		/Y	VO	1.0
8417281	HEALTH UNIT COOR 1 Heal th Uni t Coordi nator 1/Level		/Y	VO	1.0
8417282	HEALTH UNIT COOR 2 Heal th Uni t Coordi nator 2/Level 2		/Y	VO	1.0
8417180	HEALTH UNIT COOR (S) Heal th Uni t Coordi nator (Secondary)	10-12, 30, 31/			CERTIFICATION BY COURSE SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417100	HEALTH SCIENCE 1 Heal th Sci ence 1/Level 2		/Y	VO	1.0



## SECTION 5

## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT/CERTIFICATION
			SUBJECT AREA GRADUATION REQUIREMENTS		
8417110	HEALTH SCIENCE 2 Health Science 2/Level 2		/Y	VO	1.0
8417181	HLTH UNIT COOR 3 Health Unit Coordinator 3/Level 2		/Y	VO	1.0
H170207	HEMODIALYSIS TECH Hemodialysis Technician	30, 31	/		PRAC NURSE @7 G HEMO TEC 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 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 CURRIC 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
MSS0206	MASSAGE THERAPIST 2 Massage Therapist 2		/Y	VO	2.0
H170503	MEDICAL ASSISTING Medical Assisting	30, 31	/		SEE CURRIC 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

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; 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		
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 CURRIC 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 CURRIC 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
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

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; 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		
OPT0007	OPTOMETRIC ASST 3 Optometric Assistant 3	/Y	VO		2.0
W170206	PARAMEDIC Paramedic	30, 31	/		PRAC NURSE @7 EMR MED TE @7
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 CURRIC 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
H170694	PATIENT CARE TECH Patient Care Technician	30, 31	/		SEE CURRIC 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
8418200	PHARMACY TECHNICIAN Pharmacy Technician	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

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; 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		
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
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
ªH170507	PHARMACY TECHNICIAN Pharmacy Technician	30, 31	/		PHARMACY @7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0
PTN0080	COMM PHARMACY TECH Community Pharmacy Technician		/Y	VO	2.0
PTN0082	PHARMACY TECH 1 Pharmacy Technician 1		/Y	VO	2.0
PTN0083	PHARMACY TECH 2 Pharmacy Technician 2		/Y	VO	2.0
ªH170500	PHARMACY TECH (NEW) Pharmacy Technician (NEW)	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
ªH170700	PHAR TECH (NEW)ATD Pharmacy Technician (NEW)--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
ªH170606	PHARMACY TECH--ATD Pharmacy Technician--ATD	30, 31	/		
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
PTN0080	COMM PHARMACY TECH Community Pharmacy Technician		/Y	VO	2.0
PTN0082	PHARMACY TECH 1 Pharmacy Technician 1		/Y	VO	2.0
PTN0083	PHARMACY TECH 2 Pharmacy Technician 2		/Y	VO	2.0
8418300	PRACTICAL NURSING Practical Nursing	9-12, 30, 31	/		PRAC NURSE @7 G REG NURSE 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
PRN0092	PRAC NURSE 2 Practical Nurse 2		/Y	VO	3.0
PRN0093	PRAC NURSE 3 Practical Nurse 3		/Y	VO	1.5
PRN0095	PRAC NURSE 4 Practical Nurse 4		/Y	VO	1.5
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

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION	CAREER AND TECHNICAL EDUCATION	
					OPERATIONAL	TECHNICAL
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	PRAC NURSE @7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y VO	1.0		
STS0015	CENTRAL SUPPLY TECH Central Supply Technician		/Y VO	1.0		
STS0010	SURGICAL TECH 1 Surgical Technologist 1		/Y VO	2.0		
STS0011	SURGICAL TECH 2 Surgical Technologist 2		/Y VO	2.0		
STS0012	SURGICAL TECH 3 Surgical Technologist 3		/Y VO	2.0		
8417230	VISION CARE ASSIST Vision Care Assisting	9-12, 30, 31	/		CERTIFICATION BY COURSE SEE CURRIC 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		
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	
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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION								
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 CURRIC 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	EKG @7 G	LAB ASST @7 G	PRAC NURSE @7 G	PARAMEDIC @7 G	RESP THER @7 G	PARAMEDIC 7 G	REG NURSE 7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y VO	1.0								
MEA0540	EKG AIDE EKG Aide		/S VO	0.5								
MEA0541	EKG TECH EKG Technician		/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								
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								

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## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; 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		
ªH170600	MED CLIN LAB(NEW)ATD Medical Clinical Laboratory Technician (NEW) 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
ªH170308	MED CLIN LAB TEC-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
MEA0560	MEDICAL LAB ASST Medical Lab Assistant		/Y	VO	2.0
MEA0570	MED/CLIN LAB TECH 1 Medical/Clinical Lab Technician 1		/Y	VO	2.0
MEA0571	MED/CLIN LAB TECH 2 Medical/Clinical Lab Technician 2		/Y	VO	2.0
MEA0572	MED/CLIN LAB TECH 3 Medical/Clinical Lab Technician 3		/Y	VO	2.0
H170400	MED ED SIM TECH Medical Education Simulator Technician	30, 31	/		SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
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 SUBJECT AREA		CREDI T/CERTI FICATION									
			GRADUATION REQUIREMENTS											
HSC0061	INTRO TO CLIN MEST Introduction to Clinical Medical Education Simulator Technician		/Y	VO	0.0									
HSC0062	CLINICAL MEST 1 Clinical Medical Education Simulator Technician 1		/Y	VO	1.0									
HSC0063	CLINICAL MEST 2 Clinical Medical Education Simulator Technician 2		/Y	VO	1.0									
HSC0064	CLINICAL MEST 3 Clinical Medical Education Simulator Technician 3		/Y	VO	1.0									
H170306	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									
<sup>a</sup> H170307	MED LAB (CERT) Medical Laboratory Technology (Certificate)	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									
MEA0570	MED/CLIN LAB TECH 1 Medical/Clinical Lab Technician 1		/Y	VO	2.0									
MEA0571	MED/CLIN LAB TECH 2 Medical/Clinical Lab Technician 2		/Y	VO	2.0									
MEA0572	MED/CLIN LAB TECH 3 Medical/Clinical Lab Technician 3		/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 PARAMEDIC LAB TECH	@7 @7 @7	G G G	
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0									
MEA0520	PHLEBOTOMIST Phlebotomist		/S	VO	0.5									

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## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDI T/CERTI FICATION		
W170209	RADIO TEC Radiol ogical Techni ci an	30, 31	/		TEC X RAY	@7 G
HSC0003	BASIC HEALTHCARE WKR Basi c Heal thcare Worker		/Y	VO	1.0	
RTE0070	X-RAY TECH 1 X-Ray Techni ci an 1		/Y	VO	2.0	
RTE0071	X-RAY TECH 2 X-Ray Techni ci an 2		/Y	VO	2.0	
RTE0072	X-RAY TECH 3 X-Ray Techni ci an 3		/Y	VO	2.0	
RTE0073	RAD TECH 1 Radiol ogy Techni ci an 1		/Y	VO	2.5	
RTE0074	RAD TECH 2 Radiol ogy Techni ci an 2		/Y	VO	2.5	
RTE0075	RAD TECH 3 Radiol ogy Techni ci an 3		/Y	VO	2.5	
RTE0076	RAD TECH 4 Radiol ogy Techni ci an 4		/Y	VO	2.5	
----- HEALTH INFORMATICS CAREER PATH (HLPC) -----						
H180708	HEALTH CARE SERS-ATD Heal th Care Servi ces-ATD	30, 31	/			
HSC0003	BASIC HEALTHCARE WKR Basi c Heal thcare Worker		/Y	VO	1.0	
HSC0012	HEALTH SERS SUPR 1 Heal th Servi ces Supervi sor 1		/Y	VO	2.5	
HSC0013	HEALTH SERS SUPR 2 Heal th Servi ces Supervi sor 2		/Y	VO	2.5	
H170513	HEALTH UNIT COOR PS Heal th Uni t Coordi nator (Postsecondary)	30, 31	/		TEC MED !7 G MED RECTEC @7 G	PRAC NURSE @7 G REG NURSE 7 G
HSC0003	BASIC HEALTHCARE WKR Basi c Heal thcare Worker		/Y	VO	1.0	
HIM0076	HEALTH UNIT CLERK Heal th Uni t Clerk		/Y	VO	2.5	
H170526	MED CODER/BILLER Medi cal Coder/Bi ller	30, 31	/		CER COD SP 7 G MED RECTEC @7 G	MED ASST @7 G MED TRANS @7 G
HIM0009	INTRO TO HIT Introducti on to Heal th Informati on Technol ogy		/Y	VO	0.5	
HIM0071	MEDICAL CODER/BILL 1 Medi cal Coder/Bi ller 1		/Y	VO	2.0	

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## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDI T/CERTI FICATION	CAREER CLUSTER	
HI M0072	MEDI CAL CODER/BI LL 2 Medi cal Coder/Bi ller 2		/Y VO	2.0		
HI M0073	MEDI CAL CODER/BI LL 3 Medi cal Coder/Bi ller 3		/Y VO	2.0		
H170528	MED CODER/BI LLER-ATD Medi cal Coder/Bi ller-ATD	30, 31	/			
HI M0009	INTRO TO H I T Introducti on to Heal th Informati on Technol ogy		/Y VO	0.5		
HI M0071	MEDI CAL CODER/BI LL 1 Medi cal Coder/Bi ller 1		/Y VO	2.0		
HI M0072	MEDI CAL CODER/BI LL 2 Medi cal Coder/Bi ller 2		/Y VO	2.0		
HI M0073	MEDI CAL CODER/BI LL 3 Medi cal Coder/Bi ller 3		/Y VO	2.0		
H170506	MED RECORD TRANSCRI Medi cal Record Transcri bi ng	30, 31	/		MED ASST @7 G MED TRANS @7 G	MED RECTEC @7 G
HI M0009	INTRO TO H I T Introducti on to Heal th Informati on Technol ogy		/Y VO	0.5		
HI M0074	MED TRANSCRI B 1 Medi cal Transcri ber 1		/Y VO	2.0		
HI M0075	MED TRANSCRI B 2 Medi cal Transcri ber 2		/Y VO	2.0		
HI M0081	MED TRANSCRI B 3 Medi cal Transcri ber 3		/Y VO	2.0		
H170508	MED RCD TRANSCRI -ATD Medi cal Record Transcri bi ng-ATD	30, 31	/			
HI M0009	INTRO TO H I T Introducti on to Heal th Informati on Technol ogy		/Y VO	0.5		
HI M0002	MED TRANSCRI B 1 ATD Medi cal Transcri ber - ATD 1		/Y VO	2.0		
HI M0083	MED TRANSCRI B 2 ATD Medi cal Transcri ber - ATD 2		/Y VO	2.0		
HI M0084	MED TRANSCRI B 3 ATD Medi cal Transcri ber - ATD 3		/Y VO	2.0		
SUPPORT SERVICES CAREER PATH (HLPD)						
H170502	CENTRAL SERV TECH Central Servi ce Technol ogy	30, 31	/		PRAC NURSE @7 G OPR RM TEC @7 G	TEC MED !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	CAREER AND TECHNICAL EDUCATION	
					BIOTECHNOLOGY RESEARCH & DEVELOPMENT CAREER PATH (HLPE)	GENERAL HEALTH SCIENCE PROGRAMS
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO	1.0		
MNA0550	STOCK CLERK Stock Clerk, Stockroom or Warehouse	/Y	VO	2.5		
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BIOTECHNOLOGY RESEARCH & DEVELOPMENT CAREER PATH (HLPE)						
8708100	BIOMED SCIENCES Biomedical Sciences	9-12, 30, 31 /			BI OLOGY 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		
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	BI OLOGICAL TECH 1 Biological Technician 1	/Y	VO	2.0		
BSC0491	BI OLOGICAL TECH 2 Biological Technician 2	/Y	VO	2.0		
BSC0492	BI OLOGICAL TECH 3 Biological Technician 3	/Y	VO	2.0		
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GENERAL HEALTH SCIENCE PROGRAMS						
8400310	EXPL HLTH OCCS Exploration Of Health Occupations	6-8, 30, 31 /S	VO	0.5	VOC HME EC @4 ANY HEALTH OCCUP G FAM CON SC 1	HOME EC @2 HEALTH ED @3 @4 @6 HEALTH \$6
8400210	EXPL HLTH OCCS & C P Exploration Of Health Occupations and Career Planning	6-8, 30, 31 /S	VO	0.5	VOC HME EC @4 ANY HEALTH OCCUP G FAM CON SC 1	HOME EC @2 HEALTH ED @3 @4 @6 HEALTH \$6
8499990	HEALTH OCCS ED TRAN Health Occupations Education Transfer	9-12, 30, 31 /			NA	

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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			
8400320	MEDICAL SKLS SERS Medical Skills and Services	9-12, 30, 31 /Y	VO		1.0 ANY HEALTH OCCUP G HEALTH ED @4 @6	HEALTH	6	
8400110	ORIEN TO HEALTH OCCS Orientation to Health Occupations	6-8, 30, 31 /S	VO		0.5 HEALTH ED \$4 ANY HEALTH OCCUP G	HEALTH	\$6	
8417106	ORIEN NUR Orientation to Nursing	6-8, 30, 31 /S	VO		0.5 PRAC NURSE @7 G	REG NURSE	7 G	

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HOSPITALITY & TOURISM CAREER CLUSTER

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RESTAURANTS AND FOOD & BEVERAGE SERVICES CAREER PATH (HTPA)  
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I20041R	CMCL FOODS - APPR Commercial Foods - Apprenticeship	30, 31 /						
<sup>a</sup> I200403	CMCL FDS & CUL ARTS Commercial Foods and Culinary Arts	30, 31 /			COMM COOK @7 G CULINARY 7 G	QUAN FOOD	¢7 @7 G	
HMV0141	BUS PERSON Bus Person		/Y	PA	0.5			
HMV0111	STEWARD Steward		/Y	PA	0.5			
HMV0109	SALAD PERSON Salad Person		/Y	PA	1.0			
HMV0112	UTILITY COOK Utility Cook		/Y	PA	1.0			
HMV0107	BREAKFAST COOK Breakfast Cook		/Y	PA	2.0			
HMV0101	LINE COOK Line Cook		/Y	PA	3.0			
HMV0108	PASTRY COOK Pastry Cook		/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	CAREER CLUSTER		
N100500	COMM FOODS & CA(NEW) Commercial Foods and Culinary Arts (New)	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 1/Level 2	/Y	VO	1.0			
8800620	CUL & HOSP SPEC 2 Culinary and Hospitality Specialties 2/Level 2	/Y	VO	1.0			
8800500	CULINARY ARTS Culinary Arts	9-12, 30, 31 /		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 /					
8800403	CUL OPS Culinary Ops	30, 31 /		VOC HME EC @2 @4 HOME EC @2 HME EC OCC @7 @7 G SC FOOD SV @6 G CULINARY 7 G	GEN HME EC @2 HOMEMAKING @7 @7 @2 G QUAN FOOD @7 @7 G FAM CON SC 1		
HEV0620	FOOD PREP WORKER Food Preparation Worker	/Y	VO	1.0			
HEV0621	COMB FOOD PREP & SR1 Combined Food Preparation and Serving Worker 1	/Y	VO	1.0			

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDI T/CERTI FI CATION	CAREER AND TECHNICAL EDUCATION	
					SC	TC
HEV0622	COMB FOOD PREP & SR2 Combined Food Preparation and Serving Worker 2		/Y VO	1.0		
HEV0623	COOK Cook		/Y PA	1.0		
HEV0624	COOK, RESTAURANT Cook, Restaurant		/Y PA	1.0		
HEV0625	FOOD SER & REST MGR Food Service and Restaurant Manager		/Y VO	1.0		
HEV0626	FOOD SERVICE MANAGER Food Service Manager		/Y VO	2.0		
LODGING CAREER PATH (HTPB)						
V200434	DIET MGMT & SUPV Dietetic Management and Supervision	30, 31	/		HOMEMAKING c7 @2 @7 G SC FOOD SV @6 D HME EC OCC c7 @7 G VOC HME EC @2 @4	QUAN FOOD @7 G c7 GEN HME EC @2 HOME EC @2 FAM CON SC 1
HEV0611	DIETETIC MANAGER Dietetic Manager		/Y VO	3.0		
<sup>a</sup> 8524100	ENVIR SERVS Environmental Services	9-12, 30, 31	/		VOC HME EC @2 @4 HME EC OCC c7 CUSTODIAL @7 HOMEMAKING c7 @2 CUST SERV 7 G	GEN HME EC @2 HOME EC @2 FAM CON SC 1 BLDG MAINT @7 G
8524110	ENVIR SERS Environmental Services/Level 2		/Y VO	1.0		
8524120	ENVIR SERS TECH Environmental Services Technology/ Level 2		/Y VO	1.0		
<sup>a</sup> V200610	ENVIR SERVICES Environmental Services	30, 31	/		HOMEMAKING c7 @2 @7 G GEN HME EC @2 HOME EC @2 FAM CON SC 1 CUST SERV 7 G	VOC HME EC @4 @2 HME EC OCC c7 @7 G CUSTODIAL @7 G BLDG MAINT @7 G
HEV0510	JANITORS/CLEANERS Janitors/Cleaners		/Y VO	1.0		
HEV0511	SUPERVISOR, JANITOR Supervisor, Janitorial		/Y VO	1.0		
8830300	LODGING OPS Lodging Operations	9-12, 30, 31	/		HOTEL TRNG @7 G TEACH CDE @7 MKTG 1 FAM CON SC 1	DIST ED @7 MKTG MGMT @7 G VOC HME EC @4 BUS ED 1 @2
SEE CURRIC 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	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	
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		
8800410	MARKETING COOP-OJT Marketing 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 FAM CON SC 1 SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	DIST ED @7 MKTG MGMT @7 G VOC HME EC @4 BUS ED @2 1
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 c7 @2 @7 G GEN HME EC @2 HME EC OCC c7 @7 G VOC HME EC @4 @2	QUAN FOOD @7 G c7 SC FOOD SV @6 G HOME EC @2 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 c7 @2 VOC HME EC @4 QUAN FOOD c7 FAM CON SC 1	HME EC OCC c7 SC FOOD SV @6 G HOME EC @2

TRAVEL & TOURISM CAREER PATH (HTPC)

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8845100	HOSPITALITY & TOUR Hospitality and Tourism	9-12, 30, 31	/		DIST ED @7 TEACH CDE @7 TRANSPORT @7 G MKTG MGMT @7 G	MKTG 1 BUS ED 1 @2 HOTEL TRNG @7 G FAM CON SC 1
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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
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
8800410	MARKETING COOP-OJT Marketing 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 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 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
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

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; 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	
----- GENERAL PROGRAMS -----					
8809200	CULINARY CAREERS Culinary Careers	6-8, 30, 31	/S	0.5 VOC HME EC @4 FAM CON SC 1	HOME EC @2
8809300	CUL CAREERS & CP Culinary Careers and Career Planning	6-8, 30, 31	/S	0.5 VOC HME EC @4 FAM CON SC 1	HOME EC @2
8500355	NUTRITION & WELLNESS Nutrition and Wellness/Level 2	9-12, 30, 31	/S VO	0.5 VOC HME EC @4 FAM CON SC 1	HOME EC @2 CULINARY 7 G
8500390	PRIN FOOD PREPR Principles Of Food Preparation/ Level 2	9-12, 30, 31	/S VO	0.5 VOC HME EC @4 HOME EC @2	FAM CON SC 1 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 VOC HME EC @4 HOME EC @2	FAM CON SC 1
8500365	FAMILY HME CONS TECH Family, Home and Consumer Technology /Level 2	9-12, 30, 31	/Y VO	1.0 VOC HME EC @4 FAM CON SC 1	HOME EC @2
<sup>a</sup> C200101	HOME & FAMILY MGMT Home and Family Management	30, 31	/	VOC HME EC @4 HME EC OCC C7 @7 G HOME EC @2	HOMEMAKING C7 @7 @2 G GEN HME EC @2 FAM CON SC 1
HEV0320	HOMEMAKER/HMA Homemaker/Home Management Advisor		/Y VO	1.0	
8502000	LIF MGMT SKL Life Management Skills/Level 2	9-12, 30, 31	/S	0.5 VOC HME EC @4 PRAC NURSE @7 G HOME EC @2	FAM CON SC 1 REG NURSE G
8500300	PARENT SKLS Parenting Skills/Level 2	9-12, 30, 31	/S VO	0.5 E CHILD ED @0 PRESCH ED A PRIMARY ED @B HOME EC @2	VOC HME EC @4 FAM CON SC 1 PK PRIMARY H
----- 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	

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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		
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	VO		1.0
8757120	BARBERING 2 Barbering 2/Level 2	/Y	VO		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	VO		1.0
8757180	BARBERING 8 Barbering 8/Level 2	/Y	VO		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
COS0671	BARBER Barber	/Y	VO		2.0
<sup>a</sup> 8757200	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	VO		0.5

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; 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		
8757220	COSMETOLOGY 2 Cosmetology 2/Level 2	/S	VO		0.5
8757230	COSMETOLOGY 3 Cosmetology 3/Level 2	/Y	VO		1.0
8757240	COSMETOLOGY 4 Cosmetology 4/Level 2	/Y	PA		1.0
8757250	COSMETOLOGY 5 Cosmetology 5/Level 2	/Y	PA		1.0
8757260	COSMETOLOGY 6 Cosmetology 6/Level 2	/Y	PA		1.0
8757270	COSMETOLOGY 7 Cosmetology 7/Level 2	/Y	PA		1.0
8757280	COSMETOLOGY 8 Cosmetology 8/Level 2	/Y	PA		1.0
8757290	COSMETOLOGY 9 Cosmetology 9/Level 2	/Y	PA		1.0
AI120404	COSMETOLOGY Cosmetology	30, 31	/		COSMETOL @7 G PERS SERV @7 G
CSP0015	MANI CUR & PEDI CUR Manicurist and Pedicurist		/Y	PA	2.0
CSP0265	FACIALS/SKIN CARE Facials/Skin Care Specialist		/Y	PA	2.0
COS0005	HAIR & COSMO 1 Hairdresser and Cosmetologist 1		/Y	PA	2.0
COS0006	HAIR & COSMO 2 Hairdresser and Cosmetologist 2		/Y	PA	2.0
8905100	COSMETOLOGY (NEW) Cosmetology (New)	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	VO	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 (NEW) Cosmetology 4, Level 2		/Y	PA	1.0
8905150	COSMETOLOGY 5 (NEW) Cosmetology 5, Level 2		/Y	PA	1.0
8905160	COSMETOLOGY 6 (NEW) Cosmetology 6, Level 2		/Y	PA	1.0
8905170	COSMETOLOGY 7 (NEW) Cosmetology 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	CAREER CLUSTER	
					CLUSTER	COURSE
8905180	COSMETOLOGY 8 (NEW) Cosmetology 8, Level 2	/Y	PA	1.0		
8905190	COSMETOLOGY 9 (NEW) Cosmetology 9, Level 2	/M	PA	1.5		
D500100	COSMETOLOGY (NEW) Cosmetology (New)	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		
I120101	DRY CLEANING & LAUND Dry Cleaning and Laundering	30, 31 /			DRY CLEAN @7 G	FAB MAINT @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	PERS SERV @7 G
8757210	GROOM & SAL SERS 1 Grooming and Salon Services Core 1/ Level 2	/S	VO	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	PERS SERV @7 G
CSP0265	FACIALS/SKIN CARE Facials/Skin Care Specialist	/Y	PA	2.0		
^V200602	LIFE CARE SERS Life Care Services	30, 31 /			HOMEMAKING C7 @7 G @2 GEN HME EC @2 HOME EC @2	VOC HME EC @4 @2 HME EC OCC C7 @7 G FAM CON SC 1

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDI T/CERTI FICATION	CAREER CLUSTER	
HEV0120	PERS & HOME CARE AID Personal and Home Care Aide	/Y	VO	3.0		
8757300	NAI LS SPEC Nai ls Speci al ty	9-12, 30, 31 /			COSMETOL @7 G NAIL TEC 7 G	PERS SERV @7 G
8757210	GROOM & SAL SERS 1 Grooming and Salon Services Core 1/ Level 2	/S	VO	0.5		
8757310	NAI LS SPECT 2 Nai ls Speci al ty 2/Level 2	/S	VO	0.5		
8757320	NAI LS SPECT 3 Nai ls Speci al ty 3/Level 2	/Y	VO	1.0		
I120414	NAI LS SPECIALTY Nai ls Speci al ty	30, 31 /			COSMETOL @7 G NAIL TEC 7 G	PERS SERV @7 G
CSP0015	MANI CUR & PEDI CUR Mani curi st and Pedi curi st	/Y	PA	2.0		

CONSUMER SERVICES CAREER PATH (HMPE)

H170205	FAM HLTH SPT WKR-ATD Fami ly Heal th Support Worker-ATD	30, 31 /				
HUS0090	HUMAN SERVI CES CORE Human Servi ces Core	/S	VO	0.5		
PRN0122	FAM HLTH SPT WKR 1 Fami ly Heal th Support Worker 1	/Y	VO	1.5		
PRN0123	FAM HLTH SPT WKR 2 Fami ly Heal th Support Worker 2	/Y	VO	1.5		
H170408	UNIT TRTMT REHAB-ATD Uni t Treatment and Rehabi l i tati on-ATD	30, 31 /				
HUS0090	HUMAN SERVI CES CORE Human Servi ces Core	/S	VO	0.5		
HCP0811	PSYCHI ATRIC TECH 1 Psychi atri c Techni ci an 1	/Y	VO	2.0		
HCP0812	PSYCHI ATRIC TECH 2 Psychi atri c Techni ci an 2	/Y	VO	2.0		

SUPPLEMENTAL PROGRAMS

8500140	CAR DISC Career Di scovery	6-8, 30, 31 /M	VO	MULTI PLE	VOC HME EC @4 FAM CON SC 1	HOME EC @2
8599990	FAM & CONS SCI TRAN Fami ly and Consumer Sci ences Transfer	9-12, 30, 31 /			NA	

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					CREDIT/CERTIFICATION	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS
V000000	FAM & CONS SCI TRAN Family and Consumer Sciences Transfer	30, 31 /		NA			
8500230	PERSONAL DEV Personal Development	6-8, 30, 31 /S	VO	0.5	VOC HME EC @4 FAM CON SC 1		HOME EC @2
8500430	PERSONAL DEV & CAR P Personal Development and Career Planning	6-8, 30, 31 /S	VO	0.5	VOC HME EC @4 FAM CON SC 1		HOME EC @2

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INFORMATION TECHNOLOGY (IT) CAREER CLUSTER

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NETWORK SYSTEMS CAREER PATH (ITPA)  
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8732100	CPTR SYSS TECH Computer Systems Technology	9-12, 30, 31 /				BUS MACH @7 G ELECTRONIC @7 G	COMP SVC @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			
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			
I470104	CPT SYSS TECH Computer Systems Technology	30, 31 /				COMP SVC @7 G BUS MACH @7 G	ELECTRONIC @7 G
EEV0501	END USER SPT TECH End User Support Technician	/Y	VO	3.0			

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					TECHNICAL	INDUSTRIAL
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		
J500100	CPT SYSS TECH 1 Computer Systems Technology 1	30, 31	/		COMP SVC @7 G BUS MACH @7 G	ELECTRONIC @7 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		
J500200	CPT SYSS TECH 2 Computer Systems Technology 2	30, 31	/		COMP SVC @7 G BUS MACH @7 G	ELECTRONIC @7 G
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	VO	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		



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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 VO	1.0		
EEV0504	CPT SUPPORT ASST Computer Support Assistant		/Y VO	1.0		
CTS0022	NET SPT HELP DESK AS Network Support Help Desk Assistant		/Y VO	1.0		
CTS0023	NET SPT ADMIN Network Support Administrator		/Y VO	1.0		
CTS0024	SR NET ADMIN STRATOR Senior Network Administrator		/Y VO	1.0		
CTS0029	WI RELESS NET ADMIN Wireless Network Administrator		/Y VO	1.0		
EEV0317	DATA COMM ANALYST Data Communications Analyst		/Y VO	1.0		
8207440	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		

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION	CAREER CLUSTER	
					TECHNICAL	MANAGEMENT
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2		/Y VO	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		
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 VO	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	WI RELESS 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

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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
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	VO	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
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	VO	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

INFORMATION SUPPORT & SERVICES CAREER PATH (ITPB)

8206400	DATAB PGM ESSEN Database and Programming Essentials	9-12, 30, 31 /	BUS ED	1 @2	COMPU SCI 6
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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		
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	VO		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
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	VO	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 CURRIC 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

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			GRADUATION REQUIREMENTS		
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 CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
86002R	GIS TECH-APPR Geospatial/Geographic Information Systems (GIS) Technology – Apprenticeship		/Y		
GIS0090	GIS TECH ASST GIS Technician Assistant		/Y	PA	2.0
GIS0091	GIS TECHNICIAN GIS Technician		/Y	PA	2.0
8207300	INFORMATION TECH Information Technology	9-12	/		BUS ED 1 @2 ELECT DP @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
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
Y300300	INFORMATION TECH Information Technology	9-12, 30, 31	/		BUS ED 1 @2 ELECT DP @7 G BUS DP @7 G COMPU SCI 6
OTA0040	INFO TECH ASST Information Technology Assistant		/Y	VO	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

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					CLUSTER	CREDIT/CERTIFICATION
INTERACTIVE MEDIA CAREER PATH (ITPC)						
8208400	GAME/SIM/ANI ADV APP Game/Simulation/Animation Advanced Applications	9-12, 30, 31 /Y	VO	1.0	BUS ED COMM ART	1 @2 @7 G COMPU SCI 6 TV PRO TEC @7 G
B082400	GAME/SIM/ANI ADV APP Game/Simulation/Animation Advanced Applications	30, 31 /			BUS ED COMM ART	1 @2 @7 G COMPU SCI 6 TV PRO TEC @7 G
DI G0077	GAME/SIM/ANI ADV APP Game/Simulation/Animation Advanced Applications	/Y	VO	1.0		
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 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		
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 COMM ART	1 @2 @7 G COMPU SCI 6 TV PRO TEC @7 G
DI G0070	GAME/SIM DESIGNER Game/Simulation Designer	/Y	PA	2.0		
DI G0073	DIGITAL MEDIA ART Digital Media Artist	/Y	VO	1.0		
DI G0074	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 COMM ART	1 @2 @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		

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					TECHNICAL	INDUSTRIAL
8208340	MULTI -USER GAME &SIM Mul ti -User Game & Simul ati on Programmi ng /Level 2		/Y PA	1.0		
B082300	GAME/SIM/ANI PGM Game/Si mul ati on/Ani mati on Programmi ng	30, 31	/		BUS ED 1 @2 COMM ART @7 G	COMPU SCI 6 TV PRO TEC @7 G
DI G0070	GAME/SIM DESIGNER Game/Si mul ati on Desi gner		/Y PA	2.0		
DI G0075	GAME/SIM PROGRAM Game/Si mul ati on Programmer		/Y VO	1.0		
DI G0076	GAME/SIM SOFT DEV Game/Si mul ati on Software Devel oper		/Y VO	1.0		
8208100	GAME/SIM/ANI VIS DSN Game/Si mul ati on/Ani mati on Vi sual Desi gn	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 & Simul ati on Foundati ons/Level 2		/Y PA	1.0		
8208120	GAME & SIM DSN Game & Simul ati on Desi gn/Level 2		/Y PA	1.0		
8208130	GAME & SIM 2D GR DEV Game & Simul ati on 2D Graphi c Devel opment/Level 2		/Y PA	1.0		
8208140	GAME & SIM 3D GR ANI Game & Simul ati on 3D Graphi c Ani mati on/Level 2		/Y PA	1.0		
B082100	GAME/SIM/ANI VIS DSN Game/Si mul ati on/Ani mati on Vi sual Desi gn	30, 31	/		BUS ED 1 @2 COMM ART @7 G	COMPU SCI 6 TV PRO TEC @7 G
DI G0070	GAME/SIM DESIGNER Game/Si mul ati on Desi gner		/Y PA	2.0		
DI G0071	GAME/SIM GRAPH ART Game/Si mul ati on Graphi c Artist		/Y VO	1.0		
DI G0072	GAME/SIM 3D ANIMATOR Game/Si mul ati on 3D Ani mator		/Y VO	1.0		
8212400	MULTIMED DESIGN TECH Mul ti medi a Desi gn Technol ogy	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
8200320	KEYBD & BUS SK & Keyboardi ng and Busi ness Ski lls/ Level 2 AND		/S VO	0.5		
8200330	CPT & BUS SK OR		/S 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		
8209020	Computer and Business Skills/Level 2 OR CPT FOR COLG & CAR Computing for College and Careers/ Level 2		/Y	VO	1.0
8207310	INTROD TO INFO TECH Introduction to Information Technology /Level 2		/Y	PA	1.0
8212430	MULTIMED FOUND 1 Multi media Foundations 1/Level 2		/Y	PA	1.0
8212440	MULTIMED FOUND 2 Multi media Foundations 2/Level 2		/Y	PA	1.0
8212450	MULTIMED FOUND 3 Multi media Foundations 3/Level 2		/Y	PA	1.0
8207110	WEB DESIGN 1 Web Design 1/Level 2		/Y	PA	1.0
B070200	MULTIMED DESIGN TECH Multi media 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	VO	1.0
GRA0005	MULTIMED PROD ASST Multi media Production Assistant		/Y	PA	1.0
GRA0006	MULTIMED JR DSN Multi media Junior Designer		/Y	PA	3.0
GRA0007	MULTIMED DESIGNER Multi media Designer		/Y	VO	1.0
GRA0008	MULTIMED PRODUCER Multi media Producer		/Y	VO	2.0
GRA0009	MULTIMEDIA SPEC Multi media Specialist		/Y	VO	1.0
Y600100	MULTIMED DSN TECH 1 Multi media 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	VO	1.0



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GRA0005	MULTIMED PROD ASST Mul ti medi a Producti on Assi stant		/Y PA	1.0				
GRA0006	MULTIMED JR DSN Mul ti medi a Juni or Desi gner		/Y PA	3.0				
Y600200	MULTIMED DSN TECH 2 Mul ti medi a Desi gn Technol ogy 2	30, 31	/		BUS ED 1 @2	VOE @7		
					CLERICAL @7 G	BUS DP @7 G		
					TEACH CBE @7	SECRETAR @7 G		
					ELECT DP @7 G	TEC ELEC @7 G		
					COMPU SCI 6	STENOG @4		
					COMM ART @7 G	TV PRO TEC @7 G		
					TEC ED 1 @2	PRINTING @7 G		
GRA0007	MULTIMED DESIGNER Mul ti medi a Desi gner		/Y VO	1.0				
GRA0008	MULTIMED PRODUCER Mul ti medi a Producer		/Y VO	2.0				
GRA0009	MULTIMEDIA SPEC Mul ti medi a Speci alist		/Y VO	1.0				
8207400	NEW MEDIA TECH New Medi a Technol ogy	9-12, 30, 31	/		BUS ED 1 @2	CLERICAL @7 G		
					TEACH CBE @7	ELECT DP @7 G		
					TEC ELEC @7 G	COMM ART @7 G		
					BUS DP @7 G	VOE @7		
					WHOLESALE @7 G	STENOG @4		
					COMPU SCI 6	TV PRO TEC @7 G		
					TEC ED 1 @2	SECRETAR @7 G		
					COMP SVC 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 VO	1.0				
8207310	INTROD TO INFO TECH Introduction to Information Technology /Level 2		/Y PA	1.0				
8207410	NEW MEDI DIG IM FUND New Medi a and Di gi tal I maging Fundamentals/Level 2		/Y PA	1.0				
8207420	DIG VID SOUND FUND Di gi tal Vi deo and Sound Fundamentals /Level 2		/Y PA	1.0				

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					CLERICAL	TECHNICAL
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 STENOG @4 TV PRO TEC @7 G COMP SVC 7 G
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	VO	1.0		
GRA0001	PRESENTATION SPEC Presentation Specialist	/Y	PA	1.0		
GRA0002	PRESENT GRAPH ARTIST Presentation Graphic Artist	/Y	PA	1.0		
GRA0003	WEB PROD/DESIGN ASST Web Production/Design Assistant	/Y	PA	1.0		
<sup>a</sup> 8207500	WEB DESIGN Web Design	9-12, 30, 31 /			BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G STENOG @4 COMPU SCI 6	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	VO	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		

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					TECHNICAL	NON-TECHNICAL
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		
ªB070500	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	VO	1.0		
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		
ª9001100	WEB DEVELOPMENT Web Development	9-12, 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 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	VO	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	VO	1.0		
9001120	USER INTERFACE DSN User Interface Design/Level 3	/Y	VO	1.0		
9001130	WEB SCRIPT FUND Web Scripting Fundamentals/Level 3	/Y	VO	1.0		
9001140	MEDIA INTEGRAT ESS Media Integration Essentials/Level 3	/Y	VO	1.0		

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9001150	E-COMM & MKT ESS E-Commerce & Marketing Essentials/ Level 3		/Y VO	1.0					
9001160	INTERACTIVITY ESS Interactivity Essentials/Level 3		/Y VO	1.0					
4Y700100	WEB DEVELOPMENT Web Development	30, 31	/		BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G STENOGRAPH @4 COMPU SCI 6 WEB DEV 7 G	VOE @7 BUS DP @7 G SECRETAR @7 G TEC ELEC \$7 G CLERICAL @7 G			
OTA0040	INFO TECH ASST Information Technology Assistant		/Y VO	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					
B079200	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					
9001300	APPLD CYBERSECURITY 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 VO	1.0					

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDI T/CERTI FICATION
			GRADUATION REQUIREMENTS		
9001320	CPT & NET SECURITY Computer & Network Security Fundamentals/Level 3	/Y	VO		1.0
9001330	CYBERSECURITY ESSENT Cybersecurity Essentials/Level 3	/Y	VO		1.0
9001340	OPER CYBERSECURITY Operations Cybersecurity /Level 3	/Y	VO		1.0
9001350	CYBERSECURITY PLAN Cybersecurity Planning & Analysis /Level 3	/Y	VO		1.0
9001360	DATABASE SECURITY Database Security/Level 3	/Y	VO		1.0
9001370	SOFT & APPL SECURITY Software & Application Security /Level 3	/Y	VO		1.0
9001380	WEB SECURITY Web Security/Level 3	/Y	VO		1.0
9001390	APPLD CYBERSECURITY Applied Cybersecurity Applications /Level 3	/Y	VO		1.0
Y100300	APPLD CYBERSECURITY Applied Cybersecurity	9-12, 30, 31 /		BUS ED 1 @2 CYBER TECH 7 G	COMPU SCI 6
CTS0018	CYBERSECURITY ASSOC Cybersecurity Associate	/Y	VO		1.0
CTS0019	INFO SECURITY MGR Information Security Manager	/Y	VO		1.0
CTS0021	DATA SECURITY SPEC Data Security Specialist	/Y	VO		1.0
CTS0060	SOFT SECURITY SPEC Software Security Specialist	/Y	VO		1.0
CTS0085	WEB SECURITY SPEC Web Security Specialist	/Y	VO		1.0
CTS0089	INFO SECURITY ADMIN Information Security Administrator	/Y	VO		1.0

PROGRAMMING & SOFTWARE DEVELOPMENT CAREER PATH (ITPD)

8206500	BUSINESS CPTR PGM Business Computer Programming	9-12, 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
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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		
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	VO		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
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
B070320	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	VO		1.0
CTS0041	CPT PROGRAMMER ASST Computer Programmer Assistant	/Y	VO		2.0
CTS0042	JR PROGRAMMER Junior Programmer	/Y	VO		2.0

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; 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		
CTS0043	JR PROGRAMMER II Junior Programmer II	/Y	VO		2.0
CTS0044	CPT PROGRAMMER Computer Programmer	/Y	VO		1.0

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LAW, PUBLIC SAFETY & SERVICE CAREER CLUSTER

## CORRECTION SERVICES CAREER PATH (LWPA)

P430112	AUX CORRECTIONAL OFR Auxiliary Correctional Officer	30, 31	/			LAW ENF @7 G PUB SERV @7 G		CORR OFF @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		PUB SERV @7 G
CJK0270	CRIM JUSTICE LEGAL 1 Criminal Justice Legal 1		/Y	VO	0.0			
CJK0285	CRIM JUSTICE LEGAL 2 Criminal Justice Legal 2		/Y	VO	0.0			
CJK0286	CRIM JUSTICE COMM Criminal Justice Communications		/Y	VO	0.0			
CJK0100	INTERPER SKILLS 1 Interpersonal Skills 1		/Y	VO	0.0			
CJK0101	INTERPER SKILLS 2 Interpersonal Skills 2		/Y	VO	0.0			
CJK0480	EMERGENCY PREPARE Emergency Preparedness		/Y	VO	0.0			
CJK0102	CORRECTIONAL OPS Correctional Operations		/Y	VO	0.0			
CJK0051	CMS CRIM JUST DEF TA CMS Criminal Justice Defensive Tactics		/S	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		
CJK0040	CMS CRIM JUST FIREAR CMS Criminal Justice Firearms	/S	VO		0.5
CJK0031	CMS FIRST AIDE/CJO CMS First Aide for Criminal Justice Officer	/Y	VO		0.0
CJK0280	CJ OFF PHY FIT TR/CO Criminal Justice Officer Physical Fitness Training/Correctional Officer	/Y	VO		0.0
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
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
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



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			SUBJECT AREA GRADUATION REQUIREMENTS		
P430145	COMB CJSTC LW & CORR Combi ned CJSTC Law Enforcement and Corrections Basic Dual Certi fication	30, 31	/		LAW ENF @7 G CORR OFF @7 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	COMMUNI CATIONS Communi cations		/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 Investi gations		/Y	VO	0.0
CJK0071	CRIMINAL INVEST Crimi nal Investi gations		/Y	VO	0.0
CJK0082	TRAFFIC STOPS Traffi c Stops		/Y	VO	0.0
CJK0083	DUI TRAFFIC STOPS DUI Traffi c Stops		/Y	VO	0.0
CJK0086	TRAF CRASH INVEST Traffi c Crash Investi gations		/Y	VO	0.0
CJK0020	CMS LAW ENF VEH OPS CMS Law Enforcement Vehi cle Operati ons		/Y	VO	0.0
CJK0031	CMS FIRST AIDE/CJO CMS First Aide for Crimi nal Justi ce Offi cer		/Y	VO	0.0
CJK0040	CMS CRIM JUST FIREAR CMS Crimi nal Justi ce Fi rearms		/S	VO	0.5
CJK0051	CMS CRIM JUST DEF TA CMS Crimi nal Justi ce Defensi ve Tacti cs		/S	VO	0.5
CJK0422	DART FIRING STUN GUN Dart Firing Stun Gun		/Y	VO	0.0
CJK0096	CJ OFF PHYS FIT TRA Crimi nal Justi ce Offi cer Physi cal Fi tness Trai ning/Law Enforcement		/Y	VO	0.0
CJK0204	LE CO TO CORR INTRO Law Enforcement Cross-Over to Correcti onal Introducti on		/Y	VO	0.0

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			GRADUATION REQUIREMENTS						
CJK0101	INTERPER SKILLS 2 Interpersonal Skills 2		/Y	VO	0.0				
CJK0480	EMERGENCY PREPARE Emergency Preparedness		/Y	VO	0.0				
P430102	CORR OFFICER Correctional Officer (Traditional Correctional B RTP)	30, 31	/			CORR OFF PUB SERV	@7 G @7 G	LAW ENF	@7 G
CJK0270	CRIM JUSTICE LEGAL 1 Criminal Justice Legal 1		/Y	VO	0.0				
CJK0285	CRIM JUSTICE LEGAL 2 Criminal Justice Legal 2		/Y	VO	0.0				
CJK0286	CRIM JUSTICE COMM Criminal Justice Communications		/Y	VO	0.0				
CJK0100	INTERPER SKILLS 1 Interpersonal Skills 1		/Y	VO	0.0				
CJK0101	INTERPER SKILLS 2 Interpersonal Skills 2		/Y	VO	0.0				
CJK0480	EMERGENCY PREPARE Emergency Preparedness		/Y	VO	0.0				
CJK0102	CORRECTIONAL OPS Correctional Operations		/Y	VO	0.0				
CJK0051	CMS CRIM JUST DEF TA CMS Criminal Justice Defensive Tactics		/S	VO	0.5				
CJK0040	CMS CRIM JUST FIREAR CMS Criminal Justice Firearms		/S	VO	0.5				
CJK0031	CMS FIRST AIDE/CJO CMS First Aide for Criminal Justice Officer		/Y	VO	0.0				
CJK0280	CJ OFF PHY FIT TR/CO Criminal Justice Officer Physical Fitness Training/Correctional Officer		/Y	VO	0.0				
P430122	CORR PRO OFR Correctional Probation Officer	30, 31	/			LAW ENF PUB SERV	@7 G @7 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				

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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		
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
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 @7 G CORR OFF @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
P430125	CROSSOVER CO TO LEO Crossover from Correctional Officer to Law Enforcement Officer	30, 31	/		LAW ENF @7 G CORR OFF @7 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

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			SUBJECT AREA GRADUATION REQUIREMENTS		
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
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
CJK0212	CROSS CORR/LE CMS HL Crossover Correctional To Law Enforcement CMS High Liability		/Y	VO	0.0
P430162	CROSSOVER LEO TO CPO Crossover from Law Enforcement Officer to Correctional Probation Officer (BRTP)	30, 31	/		LAW ENF @7 G CORR OFF @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
P430152	CROSSOVER LEO TO CO Crossover from Law Enforcement Officer to Correctional Officer	30, 31	/		LAW ENF @7 G CORR OFF @7 G

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			SUBJECT AREA GRADUATION REQUIREMENTS		
CJK0204	LE CO TO CORR INTRO Law Enforcement Cross-Over to Correctional Introduction		/Y	VO	0.0
CJK0101	INTERPER SKILLS 2 Interpersonal Skills 2		/Y	VO	0.0
CJK0480	EMERGENCY PREPARE Emergency Preparedness		/Y	VO	0.0
CJK0102	CORRECTIONAL OPS Correctional Operations		/Y	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 CURRIC 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
EMERGENCY & FIRE MANAGEMENT SERVICES CAREER PATH (LWPB)					
8918100	FIRE 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		/Y	VO	0.0

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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	
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	FIRE SAFETY INSPECT Fire Safety Inspector	30, 31	/		FIRE FIGHT @7 G
FFP0560	FIRE SAFETY INSPECT I Fire Safety Inspector I		/Y VO	1.0	
FFP0562	FIRE SAFETY INSPEC II Fire Safety Inspector II		/Y VO	1.0	
P439991	POL SERV AIDE Police Service Aide	30, 31	/		LAW ENF @7 G PUB SERV @7 G
CJK0110	PARK ENFORCE SPEC Parking Enforcement Specialist		/Y VO	0.0	
CJK0112	TRAF ACCIDENT INVEST Traffic Accident Investigator		/S VO	0.5	
CJK0114	POLICE SERVICE AIDE Police Service Aide		/S VO	0.5	
9101000	PUBLIC SAF TELE Public Safety Telecommunication	11-12	/Y		LAW ENF @7 G CORR OFF @7 G
9101100	DISP: POL, FIRE, AMB Dispatcher: Police, Fire, Ambulance		/Y VO	1.5	
P090101	PUBLIC SAF TELE Public Safety Telecommunication	30, 31	/		LAW ENF @7 G CORR OFF @7 G

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			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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			GRADUATION REQUIREMENTS											
CJK0422	DART FIRING STUN GUN Dart Firing Stun Gun	/Y	VO		0.0									
CJK0031	CMS FIRST AIDE/CJO CMS First Aide for Criminal Justice Offi cer	/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 Offi cer to Law Enforcement Offi cer	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									
CJK0076	CRIME SCENE INVEST Crime Scene Investi gati ons	/Y	VO		0.0									



## SECTION 5

## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; 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		
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
CJK0040	CMS CRIM JUST FIREAR CMS Criminal Justice Firearms	/S	VO		0.5
P430142	CROSSOVER CPO TO CO Crossover Correctional Probation Officer Training to Traditional Correctional (BRTP)	30, 31	/		LAW ENF @7 G CORR OFF @7 G
CJK0277	CP CO TO CORR LEGAL Correctional Probation Cross-Over to Correctional Legal and Communication	/Y	VO		0.0
CJK0278	CP CO TO CORR SKILL1 Correctional Probation Cross-Over to Correctional Interpersonal Skill1	/Y	VO		0.0
CJK0279	CP CO TO CORR SKILL2 Correctional Probation Cross-Over to Correctional Interpersonal Skill2	/Y	VO		0.0
CJK0480	EMERGENCY PREPARE Emergency Preparedness	/Y	VO		0.0
CJK0102	CORRECTIONAL OPS Correctional Operations	/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 @7 G CORR OFF @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

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT/CERTIFICATION
			SUBJECT AREA GRADUATION REQUIREMENTS		
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
----- 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	EX OF CJ OCCS Explorati on of Criminal Justice Occupati ons	6-9, 30, 31	/S	VO	0.5 LAW ENF @7 G ANY PUB SERV OCC ED 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
----- GENERAL PROGRAMS -----				
8900222	EXP OF CJ OCCS & CP Explorati on of Criminal Justi ce Occupati ons and Career Pl anni ng	6-9, 30, 31 /S	VO	0.5 LAW ENF @7 G ANY PUB SERV OCC ED G
8900410	PUB SERV COOP ED-OJT Publi c Servi ce Cooperati ve Educati on - OJT	9-12, 30, 31 /M	VO MULTIPLE	ANY PUB SERV OCC ED G
P439999	PUB SERV COOP ED-OJT Publi c Servi ce Cooperati ve Educati on -OJT	30, 31 /		ANY PUB SERV OCC ED G
8900100	PUB SERV DIR STUDY Publi c Servi ce Educati on Di rected Study	1112, 30, 31 /M	VO MULTIPLE	ANY PUB SERV OCC ED G
8999990	PUB SERV ED TRAN Publi c Servi ce Educati on Transfer	9-12, 30, 31 /		NA
P000000	PUB SERV ED TRAN Publi c Servi ce Educati on Transfer	30, 31 /		NA

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MANUFACTURING CAREER CLUSTER

MANUFACTURING PRODUCTION PROCESS CAREER PATH (MNPA)  
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9200100	AUTO & PROD TECH Automati on and Producti on Technol ogy	9-12, 30, 31 /		AUTO PROD 7G ENG 7 G TEC ED 1 @2	ELECTRONI C @7 G
9200110	AUTO & PROD TECH 1 Automati on and Producti on Technol ogy 1, Level 2	/Y	VO	1.0	
9200120	AUTO & PROD TECH 2 Automati on and Producti on Technol ogy 2, Level 2	/Y	VO	1.0	
9200130	AUTO & PROD TECH 3 Automati on and Producti on Technol ogy 3, Level 3	/Y	VO	1.0	
9200140	AUTO & PROD TECH 4 Automati on and Producti on Technol ogy 4, Level 3	/Y	VO	1.0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT/CERTIFICATION	SUBJECT AREA
			REQUIREMENTS	GRADUATION		
J100100	AUTO & PROD TECH Automation and Production Technology	30, 31	/			AUTO PROD 7G ENG 7 G TEC ED 1 @2 ELECTRONIC @7 G
ETI 0481	PRODUCTI ON WORKER Producti on Worker		/Y	VO	1.0	
ETI 0482	ASSEMBLER Assembl er		/Y	VO	1.0	
ETI 0484	PROCESS ASSI STANT Process Assi stant		/Y	VO	1.0	
ETI 0485	AUTO & PROD TECH Automati on and Producti on Techni ci an		/Y	VO	1.0	
I 480202	CMCL SGN DESIGN&FAB Commerci al Si gn Desi gn and Fabri cati on	30, 31	/			COMM ART @7 G
GRA0030	SCREEN PRINTER HLP Screen Printer Hel per		/Y	VO	2.0	
GRA0031	SCREEN PRINTER Screen Pri nter		/Y	VO	2.0	
GRA0032	SIGN FAB 1 Si gn Fabric ator 1		/Y	VO	2.0	
GRA0033	SIGN FAB 2 Si gn Fabric ator 2		/Y	VO	2.0	
GRA0034	SIGN ERECTOR I Si gn Erector I		/Y	VO	2.0	
I 48020R	CMCL SGN DSNFAB-APPR Commerci al Si gn Desi gn and Fabri cati on - Appren ti ceshi p	30, 31	/			
I 150404	ELEC & INST TECH Electri cal and Instrumentati on Technol ogy	30, 31	/			TEC ELEC @7 G ELECTRONIC @7 G
EEV0650	ELECTRI CI AN (CONST) Electri ci an (Constructi on)		/Y	VO	2.0	
EEV0652	INSTRUMENT MECH Instrument Mechani c		/Y	VO	2.0	
EEV0654	ELECTRI CI AN MAINT Electri ci an Mai ntenance		/Y	VO	2.0	
EEV0656	INSTRUMENT TECH Instrument Techni ci an		/Y	VO	2.5	
EEV0658	OP ENGR ASST STAT Operati ng Engi neer Assi stant Stati onary		/Y	VO	2.5	
J110100	ELEC & INST TECH 1 Electri cal and Instrumentati on Technol ogy 1	30, 31	/			TEC ELEC @7 G ELECTRONIC @7 G
EEV0650	ELECTRI CI AN (CONST) Electri ci an (Constructi on)		/Y	VO	2.0	

SECTION 5

CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT/CERTIFICATION
			SUBJECT AREA GRADUATION REQUIREMENTS		
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
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 BLDG CONST ¶7 ¶G MILLWRIGHT @7 G IND ENGR @7 G TEC EN AID ¶7 ¶G ENG 7 G MACH SHOP @7 G WELDING @7 G ELECTRONIC @7 G TEC ED 1 @2
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 Technical Assistant 1		/Y	VO	1.5
ETI0603	INDUST TECH ASST 2 Industrial Technical 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

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; 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		
----- PRODUCTI ON CAREER PATH (MNPB) -----					
8721000	BOATBLD WO & FAB Boatbui l di ng-Wood and Fabri cated	9-12, 30, 31 /			CAB WOODWK @7 G CARPENTRY @7 G
8721010	BOATBLD WO & FAB 1 Boatbui l di ng-Wood and Fabri cated 1/ Level 2	/Y	VO	1.0	
8721020	BOATBLD WO & FAB 2 Boatbui l di ng-Wood and Fabri cated 2/ Level 2	/Y	VO	1.0	
8721030	BOATBLD WO & FAB 3 Boatbui l di ng-Wood and Fabri cated 3/ Level 2	/Y	VO	1.0	
8721040	BOATBLD WO & FAB 4 Boatbui l di ng-Wood and Fabri cated 4/ Level 2	/Y	VO	1.0	
8721050	BOATBLD WO & FAB 5 Boatbui l di ng-Wood and Fabri cated 5/ Level 2	/Y	VO	1.0	
8721060	BOATBLD WO & FAB 6 Boatbui l di ng-Wood and Fabri cated 6/ Level 2	/Y	VO	1.0	
8721070	BOATBLD WO & FAB 7 Boatbui l di ng-Wood and Fabri cated 7/ Level 2	/Y	VO	1.0	
8721080	BOATBLD WO & FAB 8 Boatbui l di ng-Wood and Fabri cated 8/ Level 2	/Y	VO	1.0	
8721090	BOATBLD WO & FAB 9 Boatbui l di ng-Wood and Fabri cated 9/ Level 2	/Y	VO	1.0	
I 480799	BOATBLD WO & FAB Boatbui l di ng-Wood and Fabri cated	30, 31 /			CAB WOODWK @7 G CARPENTRY @7 G
MTE0304	FIBERGLASS PLUG SPEC Fi bergl ass Pl ug Speci al i st	/Y	VO	2.0	
MTE0305	FIBERGLASS TECH Fi bergl ass Techni ci an	/Y	VO	2.0	
MTE0306	FABRI CATION SPEC Fabri cation Speci al i st	/Y	VO	1.0	
MTE0320	WOODEN BOAT TECH Wooden Boat Techni ci an	/Y	VO	1.0	
MTE0321	WOODEN BOAT SPEC Wooden Boat Speci al i st	/Y	VO	1.0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION	CAREER CLUSTER	
					TECHNICAL	CAREER
MTE0410	BOAT SYSTEMS SPEC Boat Systems Specialist	/Y	VO	2.0		
8730300	ELECT SYS ASSEMB Electronic System Assembly	9-12, 30, 31 /			ELECTRONIC @7	TEC ELEC @7
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	ELECTRONIC @7
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 @7	METAL WORK @7
8754010	MACHINING 1 Machining 1/Level 2	/Y	VO	1.0	TOOL DIE @7	
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 @7	METAL WORK @7
PMT0020	MACHINIST HELPER Machinist Helper	/Y	VO	2.0	TOOL DIE @7	
PMT0021	MACHINE OPERATOR Machine Operator	/Y	VO	3.0		

SECTION 5

CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE	LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT/CERTIFICATION
				SUBJECT AREA GRADUATION REQUIREMENTS		
PMT0023	MACHINE SETUP OP Machin e Setup Operator		/Y	VO		3.0
PMT0025	MACHINIST Machinist		/Y	VO		2.0
I48050R	MACHINING - APPR Machin ing - Apprenti ceshi p		30, 31	/		
8754300	PRECISION METAL FAB Prci si on Metal Fabri cati on		9-12, 30, 31	/		SHEETMETAL @7 G WELDI NG @7 G METAL WORK @7 G
8754310	METAL FABRICATION 1 Metal Fabri cati on 1/Level 2		/Y	VO		1.0
8754320	METAL FABRICATION 2 Metal Fabri cati on 2/Level 2		/Y	VO		1.0
8754330	METAL FABRICATION 3 Metal Fabri cati on 3/Level 2		/Y	VO		1.0
8754340	METAL FABRICATION 4 Metal Fabri cati on 4/Level 2		/Y	VO		1.0
8754350	METAL FABRICATION 5 Metal Fabri cati on 5/Level 2		/Y	PA		1.0
8754360	METAL FABRICATION 6 Metal Fabri cati on 6/Level 2		/Y	VO		1.0
8754370	METAL FABRICATION 7 Metal Fabri cati on 7/Level 2		/Y	VO		1.0
8754380	METAL FABRICATION 8 Metal Fabri cati on 8/Level 2		/Y	VO		1.0
8754390	METAL FABRICATION 9 Metal Fabri cati on 9/Level 2		/Y	VO		1.0
8754391	METAL FABRICATION 10 Metal Fabri cati on 10/Level 2		/Y	VO		1.0
I480504	PRECISION METAL FAB Prci si on Metal Fabri cati on		30, 31	/		SHEETMETAL @7 G WELDI NG @7 G METAL WORK @7 G
PMT0050	METAL FAB HLP Metal Fabri cator Hel per		/Y	VO		3.0
PMT0052	METAL FABRICATOR Metal Fabri cator		/Y	VO		1.0
PMT0053	METAL FAB ASSEMB 1 Metal Fabri cator Assembl er 1		/Y	PA		2.0
PMT0054	METAL FAB ASSEMB 2 Metal Fabri cator Assembl er 2		/Y	VO		3.0
PMT0055	STRUCT METAL FAB Structural Metal Fabri cator		/Y	VO		2.0
J310100	PRECISION MTL FAB 1 Prci si on Metal Fabri cati on 1		30, 31	/		SHEETMETAL @7 G WELDI NG @7 G METAL WORK @7 G
PMT0050	METAL FAB HLP Metal Fabri cator Hel per		/Y	VO		3.0



## SECTION 5

## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDI T/CERTI FICATION	
			GRADUATION REQUI REMENTS			
PMT0052	METAL FABRI CATOR Metal Fabri cator		/Y	VO	1.0	
PMT0053	METAL FAB ASSEMB 1 Metal Fabri cator Assembl er 1		/Y	PA	2.0	
J310200	PRECISION MTL FAB 2 Preci sion Metal Fabri cation 2	30, 31	/		SHEETMETAL @7 G WELDI NG @7 G	METAL WORK @7 G
PMT0054	METAL FAB ASSEMB 2 Metal Fabri cator Assembl er 2		/Y	VO	3.0	
PMT0055	STRUCT METAL FAB Structural Metal Fabri cator		/Y	VO	2.0	
8754100	SHEET METAL FAB TECH Sheet Metal Fabri cation Technol ogy	9-12, 30, 31	/		SHEETMETAL @7 G	METAL WORK @7 G
8754110	SHEET METAL FAB 1 Sheet Metal Fabri cation 1/Level 2		/Y	VO	1.0	
8754120	SHEET METAL FAB 2 Sheet Metal Fabri cation 2/Level 2		/Y	VO	1.0	
8754130	SHEET METAL FAB 3 Sheet Metal Fabri cation 3/Level 2		/Y	VO	1.0	
8754140	SHEET METAL FAB 4 Sheet Metal Fabri cation 4/Level 2		/Y	VO	1.0	
8754150	SHEET METAL FAB 5 Sheet Metal Fabri cation 5/Level 2		/Y	VO	1.0	
8754160	SHEET METAL FAB 6 Sheet Metal Fabri cation 6/Level 2		/Y	VO	1.0	
8754170	SHEET METAL FAB 7 Sheet Metal Fabri cation 7/Level 2		/Y	VO	1.0	
8754180	SHEET METAL FAB 8 Sheet Metal Fabri cation 8/Level 2		/Y	VO	1.0	
8754190	SHEET METAL FAB 9 Sheet Metal Fabri cation 9/Level 2		/Y	VO	1.0	
I 480506	SHEET METAL FAB TECH Sheet Metal Fabri cation Technol ogy	30, 31	/		SHEETMETAL @7 G	METAL WORK @7 G
PMT0030	SHEET METAL HLP Sheet Metal Hel per		/Y	VO	3.0	
PMT0032	SHEET METAL FAB Sheet Metal Fabri cator		/Y	VO	1.5	
PMT0033	ARCHI TECTURAL FAB Archi tectural Fabri cator		/Y	VO	1.5	
PMT0034	COMM KI TCHEN FAB Commerci al Ki tchen Fabri cator		/Y	VO	1.5	
PMT0035	SHEET METAL WELDER Sheet Metal Wel der		/Y	VO	1.5	

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; 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		
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 &amp; 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	

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT/CERTIFICATION
			SUBJECT AREA GRADUATION REQUIREMENTS		
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	/		
8775500	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
I480313	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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			SUBJECT AREA 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 Ins taller 1		/Y	VO	2.0
HEV0445	AUTO HEAD/DR PANEL 2 Automobile Headliner/Door Panel Ins taller 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
<sup>a</sup> I150401	BIOMED EQ TECH Biomedical Equipment Technology	30, 31	/		
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
EEV0480	ELECMED &BIOMED RPR1 Electromedical and Biomedical Repairer 1		/Y	VO	2.0
EEV0481	ELECMED &BIOMED RPR2 Electromedical and Biomedical Repairer 2		/Y	VO	2.0
<sup>a</sup> J410100	BIOMED EQ TECH 1 Biomedical Equipment Technology 1	30, 31	/		
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
<sup>a</sup> J410200	BIOMED EQ TECH 2 Biomedical Equipment Technology 2	30, 31	/		
EEV0616	ELECTRONICS TECH Electronics Technician		/Y	VO	3.0
EEV0480	ELECMED &BIOMED RPR1 Electromedical and Biomedical Repairer 1		/Y	VO	2.0
EEV0481	ELECMED &BIOMED RPR2 Electromedical and Biomedical Repairer 2		/Y	VO	2.0

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			SUBJECT AREA	GRADUATION REQUIREMENTS	
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	
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

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			GRADUATION REQUIREMENTS		
MTE0360	HLP BOAT RPR/REF Hel per, Boat Repai rer/Refi ni shi ng		/Y	VO	2.0
MTE0361	BOAT REF TECH Boat Refi ni shi ng Techni ci an		/Y	VO	2.0
J430200	BOAT& YCT RPR TECH 2 Boat and Yacht Repai r/Refi ni shi ng Technol ogy 2	30, 31	/		SEAMANSHIP @7 G CARPENTRY @7 G
MTE0376	BOAT REPAIRER 1 Boat Repai rer 1		/Y	VO	3.0
MTE0377	BOAT REPAIRER 2 Boat Repai rer 2		/Y	VO	2.0
I470408	CLK/WATCH MAK & RPR Cl ock/Watc h Maki ng and Repai r	30, 31	/		INSTUMENT @7 G WATCH REPR @7 G
PMT0650	CLK, WATCH & JEWEL TE Cl ock, Watc h and Jewel ry Techni ci an Assi stant		/Y	PA	3.0
PMT0652	CLK & WATCH RPR TECH Cl ock and Watc h Repai r Techni ci an		/Y	VO	2.0
PMT0653	QUARTZ ANALOG TECH Quartz Anal og Techni ci an		/Y	VO	2.0
PMT0654	CLK & WATCH MAKER Cl ock and Watc h Maker		/Y	VO	2.0
8730100	CONS ELECT PROD SER Consumer El ectroni c Product Servi ci ng	9-12, 30, 31	/		RADIO TV @7 G TEC ELEC @7 G ELECTRONIC @7 G
8730110	CONS ELECT PROD SER1 Consumer El ectroni c Product Servi ci ng 1/Level 2		/Y	VO	1.0
8730120	CONS ELECT PROD SER2 Consumer El ectroni c Product Servi ci ng 2/Level 2		/Y	VO	1.0
8730130	CONS ELECT PROD SER3 Consumer El ectroni c Product Servi ci ng 3/Level 2		/Y	VO	1.0
8730140	CONS ELECT PROD SER4 Consumer El ectroni c Product Servi ci ng 4/Level 2		/Y	VO	1.0
8730150	CONS ELECT PROD SER5 Consumer El ectroni c Product Servi ci ng 5/Level 2		/Y	VO	1.0
8730160	CONS ELECT PROD SER6 Consumer El ectroni c Product Servi ci ng 6/Level 2		/Y	VO	1.0

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					TEC ELEC	RADIO TV	ELECTRONIC
8730170	CONS ELECT PROD SER7 Consumer Electronic Product Servicing 7/Level 2		/Y V0	1.0			
8730180	CONS ELECT PROD SER8 Consumer Electronic Product Servicing 8/Level 2		/Y V0	1.0			
8730190	CONS ELECT PROD SER9 Consumer Electronic Product Servicing 9/Level 2		/Y V0	1.0			
8730191	CONS ELECT PRODSER10 Consumer Electronic Product Servicing 10/Level 2		/Y V0	1.0			
8730192	CONS ELECT PRODSER11 Consumer Electronic Product Servicing 11/Level 2		/Y V0	1.0			
8730193	CONS ELECT PRODSER12 Consumer Electronic Product Servicing 12/Level 2		/Y V0	1.0			
<sup>a</sup> I470113	CONS ELECT PROD SERV Consumer Electronic Product Servicing	30, 31	/		TEC ELEC RADIO TV	@7 G @7 G	ELECTRONIC @7 G
EEV0010	ELECTRONICS ASMBR Electronics Assembler		/Y V0	2.0			
EEV0100	ELECTRONICS TESTER Electronics Tester		/Y V0	3.0			
EEV0500	ELECT EQUIP RPR Electronics Equipment Repairer		/Y V0	2.5			
EEV0616	ELECTRONICS TECH Electronics Technician		/Y V0	3.0			
EER0381	RADIO/TV/VIDEO SPEC Radio/TV/Video Specialist		/S V0	0.5			
EEV0507	COMPUTER SPECIALIST Computer Specialist		/S V0	0.5			
EER0581	AUDIO SPEC Audio Specialist		/S V0	0.5			
EER0522	TV SATELLITE SPEC TV Satellite Specialist		/S V0	0.5			
EER0591	SECURITY SYS SPEC Security System Specialist		/S V0	0.5			
<sup>a</sup> J510100	CONS ELECT PROD SER1 Consumer Electronic Product Servicing 1	30, 31	/		TEC ELEC RADIO TV	@7 G @7 G	ELECTRONIC @7 G
EEV0010	ELECTRONICS ASMBR Electronics Assembler		/Y V0	2.0			

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					TEC ELEC RADIO TV	@7 G @7 G
EEV0100	ELECTRONICS TESTER Electronics Tester	/Y	VO	3.0		
EEV0500	ELECT EQUIP RPR Electronics Equipment Repairer	/Y	VO	2.5		
ªJ510200	CONS ELECT PROD SER2 Consumer Electronic Product Servicing 2	30, 31	/		TEC ELEC RADIO TV	@7 G @7 G
EEV0616	ELECTRONICS TECH Electronics Technician	/Y	VO	3.0		
EER0381	RADIO/TV/VIDEO SPEC Radio/TV/Video Specialist	/S	VO	0.5		
EEV0507	COMPUTER SPECIALIST Computer Specialist	/S	VO	0.5		
EER0581	AUDIO SPEC Audio Specialist	/S	VO	0.5		
EER0522	TV SATELLITE SPEC TV Satellite Specialist	/S	VO	0.5		
EER0591	SECURITY SYS SPEC Security System Specialist	/S	VO	0.5		
8730000	ELECTRONIC TECH Electronic Technology	9-12, 30, 31	/		TEC ELEC RADIO TV	@7 G @7 G
8730010	ELECTRONIC 1 Electronic 1/Level 2	/Y	VO	1.0		
8730020	ELECTRONIC 2 Electronic 2/Level 3	/Y	VO	1.0		
8730030	ELECTRONIC 3 Electronic 3/Level 3	/Y	VO	1.0		
8730040	ELECTRONIC 4 Electronic 4/Level 3	/Y	VO	1.0		
8730050	ELECTRONIC 5 Electronic 5/Level 3	/Y	VO	1.0		
8730060	ELECTRONIC 6 Electronic 6/Level 3	/Y	VO	1.0		
8730070	ELECTRONIC 7 Electronic 7/Level 3	/Y	VO	1.0		
8730080	ELECTRONIC 8 Electronic 8/Level 3	/Y	VO	1.0		
8730090	ELECTRONIC 9 Electronic 9/Level 3	/Y	VO	1.0		
8730091	ELECTRONIC 10 Electronic 10/Level 3	/Y	VO	1.0		
I150303	ELECTRONIC TECH Electronic Technology	30, 31	/		ELECTRONIC AVIONICS	@7 G @7 G



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					TECHNICAL	INDUSTRIAL
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
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 CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	
3027010	BIOTECH 1 AND Biotechnology 1, Level 3, AND		/Y SV	1.0		
3027020	BIOTECH 2 Biotechnology 2, 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		

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			GRADUATION REQUIREMENTS			
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	
I 470303	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
ETI 0450	INDUS MACH MAINT AST Industrial Machinery Maintenance Assistant		/Y	VO	3.0	
ETI 0456	MACH MAINT MECH Machinery Maintenance Mechanic		/Y	VO	2.0	
ETI 0457	MACH MAIN TECH Machinery Maintenance Technician		/Y	VO	1.0	
ETI 0458	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
ETI 0450	INDUS MACH MAINT AST Industrial Machinery Maintenance Assistant		/Y	VO	3.0	
ETI 0456	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
ETI 0457	MACH MAIN TECH Machinery Maintenance Technician		/Y	VO	1.0	
ETI 0458	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

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			SUBJECT AREA GRADUATION REQUIREMENTS		
8745501	CLK/WCH/JEWLM&RPR1 Clock, Watch, Jewelry Making and Repair Core 1/Level 2		/Y	PA	1.0
8745502	CLK/WCH/JEWLM&RPR2 Clock, Watch, Jewelry Making and Repair Core 2/Level 2		/Y	PA	1.0
8745503	CLK/WCH/JEWLM&RPR3 Clock, Watch, Jewelry Making and Repair 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
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	CERTIFIED JEWELER Certified Jeweler		/Y	PA	1.0
J450400	JEWL MAKING & RPR1 Jewelry Making and Repair 1	30, 31	/		METAL WORK @7 G      JWLY MFGR @7 G

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			GRADUATION REQUIREMENTS		
PMT0650	CLK, WATCH & JEWELTE Clock, Watch and Jewelry Technician Assistant		/Y	PA	3.0
PMT0630	JEWELRY DESIGNER Jewelry Designer		/Y	PA	3.0
J450500	JEWEL 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	CERTIFIED JEWELER Certified Jeweler		/Y	PA	1.0
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

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			GRADUATION REQUIREMENTS		
8706060	RES APP & REFF RPR 6 Residential Appliance and Refrigeration Repair 6/Level 2		/Y	VO	1.0
8706070	MAJ APP & REFF RPR 7 Major Appliance and Refrigeration Repair 7/Level 2		/Y	VO	1.0
8706080	MAJ APP & REFF RPR 8 Major Appliance and Refrigeration Repair 8/Level 2		/Y	VO	1.0
8706090	MAJ APP & REFF RPR 9 Major Appliance and Refrigeration Repair 9/Level 2		/Y	VO	1.0
8706100	MAJ APP & REFR RPR10 Major Appliance and Refrigeration Repair 10/Level 2		/Y	VO	1.0
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 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

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; 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		
8743260	MACH MAINT 6 Machinery Maintenance 6/Level 2		/Y VO	1.0		
8743270	MI LLWRI GHT 7 Millwright 7/Level 2		/Y VO	1.0		
8743280	MI LLWRI GHT 8 Millwright 8/Level 2		/Y VO	1.0		
8743290	MI LLWRI GHT 9 Millwright 9/Level 2		/Y VO	1.0		
I 470313	MI LLWRI GHT Millwright	30, 31	/		TEC CONSTR @7 G BLDG CONST @7 G	MI LLWRI GHT @7 G IND ENGR @7 G
ETI 0450	INDUS MACH MAINT AST Industrial Machinery Maintenance Assistant		/Y VO	3.0		
ETI 0456	MACH MAINT MECH Machinery Maintenance Mechanic		/Y VO	2.0		
ETI 0457	MACH MAIN TECH Machinery Maintenance Technician		/Y VO	1.0		
ETI 0459	MI LLWRI GHT Millwright		/Y VO	3.0		
I 47032R	MI LLWRI GHT - APPR Millwright - Apprenticeship	30, 31	/			
J590400	MI LLWRI GHT 1 Millwright 1	30, 31	/		TEC CONSTR @7 G BLDG CONST @7 G	MI LLWRI GHT @7 G IND ENGR @7 G
ETI 0450	INDUS MACH MAINT AST Industrial Machinery Maintenance Assistant		/Y VO	3.0		
ETI 0456	MACH MAINT MECH Machinery Maintenance Mechanic		/Y VO	2.0		
J590500	MI LLWRI GHT 2 Millwright 2	30, 31	/		TEC CONSTR @7 G BLDG CONST @7 G	MI LLWRI GHT @7 G IND ENGR @7 G
ETI 0457	MACH MAIN TECH Machinery Maintenance Technician		/Y VO	1.0		
ETI 0459	MI LLWRI GHT Millwright		/Y VO	3.0		
I 47020R	REFG TECH - APPR Refrigeration Technology - Apprenticeship	30, 31	/			
I 469929	REL INDUS TECH Related Industrial Technology	30, 31	/		ANY INDUS ED G	
ETI 0085	ENGI NEERI NG TECH Engineering Technician		/Y VO	3.0		
8775000	UPH & FURN REF Upholstery and Furniture Refinishing	9-12, 30, 31	/		FURN REPR @7 G	

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; 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		
8775010	UPH & FURN REF 1 Uphol stery and Furni ture Refi ni shi ng 1/Level 2		/Y	VO	1.0
8775020	UPH & FURN REF 2 Uphol stery and Furni ture Refi ni shi ng 2/Level 2		/Y	VO	1.0
8775030	UPH & FURN REF 3 Uphol stery and Furni ture Refi ni shi ng 3/Level 2		/Y	VO	1.0
8775040	UPH & FURN REF 4 Uphol stery and Furni ture Refi ni shi ng 4/Leevl 2		/Y	VO	1.0
8775050	UPH & FURN REF 5 Uphol stery and Furni ture Refi ni shi ng 5/Level 2		/Y	VO	1.0
8775060	UPH & FURN REF 6 Uphol stery and Furni ture Refi ni shi ng 6/Level 2		/Y	VO	1.0
8775070	UPHOLSTERY 7 Uphol stery 7/Level 2		/Y	VO	1.0
8775080	UPHOLSTERY 8 Uphol stery 8/Level 2		/Y	VO	1.0
8775090	UPHOLSTERY 9 Uphol stery 9/Level 2		/Y	VO	1.0
8775091	UPHOLSTERY 10 Uphol stery 10/Level 2		/Y	VO	1.0
8775092	UPHOLSTERY 11 Uphol stery 11/Level 2		/Y	VO	1.0
I 480303	UPH & FURN REF Uphol stery and Furni ture Refi ni shi ng	30, 31	/		FURN REPR @7 G
HEV0001	UPHOL HELPER Uphol stery Hel per		/Y	VO	2.0
HEV0420	SEW MACH OP, NONGARM Sewi ng Machi ne Operator, Nongarment		/Y	VO	3.0
HEV0244	LAYOUT MACHI NE OP Layout Machi ne Operator		/Y	VO	2.0
HEV0430	UPH ASSEMB/FAB Uphol stery Assembl er/Fabri cator		/Y	VO	2.0
HEV0432	UPHOLSTERER Uphol sterer		/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
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HEALTH, SAFETY & ENVIRONMENTAL ASSURANCE CAREER PATH (MNPf)

8700300	PRAC, TECH&INDUS OCCS Practical, Technical and Industrial Occupations	9-12, 30, 31 /		SEE CURRIC 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

SUPPLEMENTAL PROGRAMS

8002000	TECH SYSS & APPL Technical Systems and Applications	9-12, 30, 31 /Y	VO	1.0 ANY VOCATIONAL FIELD OR COVERAGE
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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	DIST ED @7 WHOLESALE @7 G MKTG 1
MKA0092	(BUS OWNER) GEN MGR (Business Owner) General Manager	/Y	PA	1.0	



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					PA	VO	TECHNICAL	EDUCATION
8812000	BUSI NESS OWNERSHI P Busi ness Ownershi p/Level 3	9-12, 30, 31 /Y	PA	1.0	RETAI LING @7 G		DI ST ED @7	
					TEACH CDE @7		WHOLESA L @7	G
					MKTG MGMT @7 G		MKTG 1	
8812100	ENTREPRENEURSHI P Entrepreneurshi p	9-12, 30, 31 /			DI ST ED @7		TEACH CDE @7	
					BUS ED 1		MKTG 1	
					VOE @7		TEACH CBE @7	
					RETAI LING @7 G		MKTG MGMT @7	G
					WHOLESA L @7 G			
8812110	PRIN OF ENTREP Princi ples of Entrepreneurshi p/Level 2	/Y	PA	1.0				
8812120	BUS MGMT & LAW Business Management and Law/Level 3	/Y	VO	1.0				
8812000	BUSI NESS OWNERSHI P Busi ness Ownershi p/Level 3	/Y	PA	1.0				
M803010	ENTREPRENEURSHI P Entrepreneurshi p	30, 31 /			RETAI LING @7 G		DI ST ED @7	
					MKTG MGMT @7 G		TEACH CDE @7	
					WHOLESA L @7 G		MKTG 1	
					VOE @7		BUS ED 1	
					TEACH CBE @7			
MKA0090	BUSI NESS DEV MGR Busi ness Devel opment 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 Certi fi ed Resi denti al Apprai ser	30, 31 /			SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE			
REE0185	REAL EST CERT RES AP Real Estate Certi fi ed Resi denti al Apprai ser	/S	VO	0.5				
8827200	E-COMMERCE MKTG E-Commerce Marketi ng	9-12, 30, 31 /			TEACH CDE @7		DI ST ED @7	
					MKTG 1		RETAI LING @7	G
					MKTG MGMT @7 G		BUS ED 1 @2	
8827110	MARKETING ESSENTIALS Marketi ng Essenti als/Level 2	/Y	PA	1.0				
8827120	MKT APPLI CATIONS Marketi ng Appli cations/Level 2	/Y	PA	1.0				
8827210	E-COMMERCE MKT E-Commerce Marketi ng/Level 2	/Y	VO	1.0				
M899992	E-COMMERCE MKT E-Commerce Marketi ng	30, 31 /			RETAI LING @7 G		TEACH CDE @7	
					DI ST ED @7		MKTG 1	
					MKTG MGMT @7 G		BUS ED 1 @2	

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					TECHNICAL	EDUCATION
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 DIST ED @7 MKTG MGMT @7 G	TEACH CDE @7 MKTG 1
8806010	FASH ESSENTIALS Fashion Essentials/Level 2		/Y PA	1.0		
8827110	MARKETING ESSENTIALS Marketing Essentials/Level 2		/Y PA	1.0		
8806020	FASHION 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 TEACH CDE @7 MKTG MGMT @7 G	DIST ED @7 MKTG 1
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 CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	
REE0015	PRIN OF HOME INSPECT Principles of Home Inspection		/S VO	0.5		
<sup>a</sup> 8839100	INTERNATIONAL MKT International Marketing	9-12, 30, 31	/		RETAILING @7 G TEACH CDE @7 MKTG 1	DIST ED @7 WHOLESALE @7 G 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		
8839130	INTL MKT 3 International Marketing 3/Level 3		/Y VO	1.0		
<sup>a</sup> 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

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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					
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 ADVR PROM @7	G	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 DIST ED @7 MKTG MGMT @7	G	TEACH CDE @7 MKTG 1 ADVR PROM @7	G	G
MKA0432	SALESPERSON, RETAIL Salesperson, Retail	/Y	PA	2.0					
MKA0010	MARKETING MANAGERS Marketing Managers	/Y	VO	2.0					
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 ADVR PROM @7	G	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	/Y	VO	1.0					
2M200400	NON-PROFIT MKT Non-Profit Marketing	30, 31	/		RETAILING @7 DIST ED @7 MKTG MGMT @7	G	TEACH CDE @7 MKTG 1 ADVR PROM @7	G	G
MKA0432	SALESPERSON, RETAIL Salesperson, Retail	/Y	PA	2.0					
MKA0510	PUBLIC REL MGRS Public Relations Managers	/Y	VO	2.0					
M807040	REAL EST APPRA TRAIN Real Estate Appraiser Trainee	30, 31	/		REAL ESTAT @7	G	SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE		
REE0049	REAL EST APPRAISER Real Estate Appraiser (Trainee)	/S	VO	0.5					
M807020	REAL ESTA BRKR Real Estate Broker	30, 31	/		REAL ESTAT @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	CAREER AND TECHNICAL EDUCATION	
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 Li censi ng	30, 31	/		REAL ESTAT @7	G SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
REE0089	REAL EST SALES ASSC Real Estate Sales Associate Post Li censi ng	/Y	VO	0.0		
<sup>a</sup> 8824100	RESTAURANT MKT Restaurant Marketing	9-12, 30, 31	/		RETAILING @7 TEACH CDE @7 MKTG 1	G DIST ED @7 RESTAURANT @7 MKTG MGMT @7 G
8827110	MARKETING ESSENTIALS Marketi ng Essenti als/Level 2	/Y	PA	1.0		
8827120	MKT APPLI CATIONS Marketi ng Appli cations/Level 2	/Y	PA	1.0		
8824110	REST MKT OPS Restaurant Marketing Operations/ Level 2	/Y	VO	1.0		
<sup>a</sup> M809050	RESTAURANT MKTG Restaurant Marketing	30, 31	/		RETAILING @7 TEACH CDE @7 MKTG 1	G DIST ED @7 RESTAURANT @7 MKTG MGMT @7 G
MKA0432	SALESPERSON, RETAIL Sal esperson, Retail	/Y	PA	2.0		
FSS0600	FOOD SERVICE SUPR Food Servi ce Supervi sor	/Y	VO	1.0		
<sup>a</sup> 8821100	RETAIL FOOD MKT Retail Food Marketi ng	9-12, 30, 31	/		RETAILING @7 TEACH CDE @7 MKTG MGMT @7	G DIST ED @7 MKTG 1
8827110	MARKETING ESSENTIALS Marketi ng Essenti als/Level 2	/Y	PA	1.0		
8827120	MKT APPLI CATIONS Marketi ng Appli cations/Level 2	/Y	PA	1.0		
8821110	RETAIL FOOD MKT Retail Food Marketi ng/Level 2	/Y	VO	1.0		
<sup>a</sup> M806010	RETAIL FOOD MKT Retail Food Marketi ng	30, 31	/		RETAILING @7 TEACH CDE @7 MKTG MGMT @7	G DIST ED @7 MKTG 1
MKA0432	SALESPERSON, RETAIL Sal esperson, Retail	/Y	PA	2.0		

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					TEACH CDE @7	DIST ED @7
MKA0433	RETAIL MANAGER Retail Manager	/Y	PA	1.0		
8827400	SPRT REC ENT MKT Sport, Recreation, and Entertainment Marketing	9-12, 30, 31 /			MKTG MGMT @7 G	ADVR PROM @7 G
8827410	SPORT REC ENT ESSEN Sport, Recreation, and Entertainment Essentials/Level 2	/Y	VO	1.0		
8827110	MARKETING ESSENTIALS Marketing Essentials/Level 2	/Y	PA	1.0		
8827420	SPORT REC ENT APPL Sport, Recreation, and Entertainment Applications/Level 2	/Y	PA	1.0		
8827120	MKT APPLI CATIONS 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
MKA0080	ENTERTAIN, SPTS & RE Entertainment, Sports and Related Workers	/Y	VO	2.0		
MKA0010	MARKETING MANAGERS Marketing Managers	/Y	VO	2.0		

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	TEACH CDE @7 HOTEL TRNG @7 G MKTG 1 BANK FINC @7 G TRANSPORT @4 WHOLESA L @7 G
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CAREER AND TECHNICAL EDUCATION

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDI T/ CERTI FICATI ON	CAREER CLUSTER	
					TECHNICAL	CAREER
8848110	CUST SER REP 1 Customer Servi ce Representati ve 1/ Level 2		/Y VO	1.0		
8848120	CUST SER REP 2 Customer Servi ce Representati ve 2/ Level 2		/Y VO	1.0		
8848130	CUST SER REP 3 Customer Servi ce Representati ve 3/ Level 2		/Y VO	1.0		
8848140	CUST SER REP 4 Customer Servi ce Representati ve 4/ Level 2		/Y VO	1.0		
M807060	CUSTOMER SERV REPR Customer Servi ce Representati ve	30, 31	/		RETAI LING @7 G ADVR PROM @7 G MKTG MGMT @7 G DI ST ED @7 TRANSPORT @4 WHOLESA L @7 G	TEACH CDE @7 HOTEL TRNG @7 G MKTG 1 I NSURANCE @7 G TRANSPORT @7 G BANK FINC @7 G
MNA0135	TELECOMM CLERK Tel ecommuni cati ons Clerk		/Y VO	1.0		
MNA0136	TELESALES REP Tel esal es Representati ve		/Y VO	1.0		
MNA0084	CUST SER REP Customer Servi ce Representati ve		/Y VO	1.0		
MNA0085	CUST SER MANAGER Customer Servi ce Manager		/Y VO	1.0		
M600100	CUSTOMER SERV REPR 1 Customer Servi ce Representati ve 1	30, 31	/		RETAI LING @7 G ADVR PROM @7 G MKTG MGMT @7 G DI ST ED @7 TRANSPORT @4 WHOLESA L @7 G	TEACH CDE @7 HOTEL TRNG @7 G MKTG 1 I NSURANCE @7 G TRANSPORT @7 G BANK FINC @7 G
MNA0135	TELECOMM CLERK Tel ecommuni cati ons Clerk		/Y VO	1.0		
MNA0136	TELESALES REP Tel esal es Representati ve		/Y VO	1.0		
M600200	CUSTOMER SERV REPR 2 Customer Servi ce Representati ve 2	30, 31	/		RETAI LING @7 G ADVR PROM @7 G MKTG MGMT @7 G DI ST ED @7 TRANSPORT @4 WHOLESA L @7 G	TEACH CDE @7 HOTEL TRNG @7 G MKTG 1 I NSURANCE @7 G TRANSPORT @7 G BANK FINC @7 G
MNA0084	CUST SER REP Customer Servi ce Representati ve		/Y VO	1.0		

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					RETAILING	WHOLESALE
MNA0085	CUST SER MANAGER Customer Service Manager		/Y VO	1.0		
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		
DI STRI BUTI ON & LOGI STI CS 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	1.5		
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		

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## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION	CAREER CLUSTER		CAREER CLUSTER	
					TECHNICAL	INDUSTRIAL	TECHNICAL	INDUSTRIAL
8809111	PARTS SPEC 3 Parts Specialist 3/Level 2	/Y	VO	1.0				
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				



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					RETAILING	TEACH CDE
MKA0648	PURCHASING AGENT Purchasing Agent	/S	VO	0.5		
MKA0649	DI STRI BUTI ON MANAGER Di stri buti on Manager	/Y	VO	1.0		
M700200	MKT MCH & PARTS OPS2 Marketi ng, Merchandi si ng & Parts Operati ons 2	30, 31	/		RETAILING @7 G TEACH CDE @7 WHOLESALE @7 G	DI ST ED @7 MKTG 1 MKTG MGMT @7 G
MKA0641	DRI VER/SALES WKRS Dri ver/Sale s Workers	/S	VO	0.5		
MKA0642	WAREHOUSEMAN Warehouseman	/Y	VO	1.0		
MKA0645	ORDER CLERK Order Clerk	/S	VO	0.5		
MKA0646	PARTS SPECI ALI ST Parts Speci al i st	/Y	VO	2.5		

SUPPLEMENTAL PROGRAMS

8800210	EX OF MKT OCCS Explorati on of Marketi ng Occupati ons	6-9, 30, 31	/S	VO	0.5	BUS ED 1 DI ST ED @7 MKTG MGMT @7 G	TEACH CDE @7 MKTG 1
8800410	MARKETING COOP-OJT Marketi ng Cooperati ve Educati on- OJT /Level 2	9-12, 30, 31	/M	VO	MULTIPLE	TEACH CDE @7 MKTG 1 @2	DI ST ED @7
M899990	MARKETING COOP-OJT Marketi ng Cooperati ve Educati on-OJT /Level 2	30, 31	/			DI ST ED @7 G MKTG 1 @2	TEACH CDE @7
8800100	MKT ED DIR STUDY Marketi ng Educati on Di rected Study	11-12, 30, 31	/M	VO	MULTIPLE	ANY MARKETI NG ED G	
8899990	MKT ED TRAN Marketi ng Educati on Transfer	9-12, 30, 31	/			NA	
M000000	MKT ED TRANSFER Marketi ng Educati on Transfer	30, 31	/			NA	
8800110	ORI EN TO MKT OCCS Ori entati on to Marketi ng Occupati ons	6-9, 30, 31	/S	VO	0.5	BUS ED 1 DI ST ED @7 MKTG MGMT @7 G	TEACH CDE @7 MKTG 1 RETAILING @7 G
8800310	PRACTI CAL ENTREP SK Practi cal Entrepreneurshi p Ski l l s	9-12, 30, 31	/S	VO	0.5	RETAILING @7 G DI ST ED @7 MKTG MGMT @7 G	TEACH CDE @7 MKTG 1 WHOLESALE @7 G

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; 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					
-----   SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS (STEM) 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 CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE				
8600080	AEROSPACE TECHS Aerospace Technologies	9-12, 30, 31 /			ENG	7	G	TEC ED	1 @2
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					
8601000	COMM TECH Communications Technology	9-12, 30, 31 /			GRAPH ARTS @4 ENG	7	G	PRINTING TEC ED	@7 G 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					
8600700	CONST TECH Construction Technology	9-12, 30, 31 /			CARPENTRY @7 TEC CONSTR @7 BLDG MAINT @7 TEC ED	7	G	WOODWORKIN @4 BLDG CONST @7 ENG	@7 G 7 G 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 /			ENG	7	G	DRAFTING TEC ED	@7 G 1 @2
8600810	DRAFT/ILL DSN TECH I Drafting/Illustrative Design Technology I/Level 2	/Y	PA	1.0					

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					TECHNICAL	INDUSTRIAL
8600820	DRAFT/ILL DSN TECH I Drafting/IIIustrative Desi gn Technology II/Level 2	/Y	PA	1.0		
8600830	DRAFT/ILL DSN TECH II Drafting/IIIustrative Desi gn Technology III/Level 3	/Y	PA	1.0		
8600900	ELECTS TECH Electroni cs Technol ogy	9-12, 30, 31 /			ELECTRONIC @7 G TEC ELEC @7 G TEC ED 1 @2	ELECTRICAL @4 @7 G ENG 7 G
8600910	ELECTS TECH I Electroni cs Technol ogy I/Level 2	/Y	VO	1.0		
8600920	ELECTS TECH II Electroni cs Technol ogy II/Level 2	/Y	VO	1.0		
8600930	ELECTS TECH III Electroni cs Technol ogy III/Level 3	/Y	VO	1.0		
9400200	ENGINER BY DESIGN Engi neeri ng by Desi gn	9-12, 30, 31 /			TEC ED 1 @2	ENG 7 G
8600120	FOUND OF TECH Foundati ons of Technol ogy/Level 2	/Y	VO	1.0		
8600130	IMPACTS OF TECH Impacts of Technol ogy/Level 2	/Y	VO	1.0		
8600140	INTRO TO DESIGN Introducti on to Desi gn/Level 2	/Y	PA	1.0		
8600150	TECH ISSUES Technol ogi cal Issues/Level 2	/Y	VO	1.0		
8600160	ENGR DESIGN Engi neeri ng Desi gn/Level 2	/Y	PA	1.0		
8607000	ENGINERING TECH SEC Engi neeri ng Technol ogy - Secondary	9-12, 30, 31 /			ENG 7 G ENG TEC 7 G	TEC ED 1 @2
8600570	ENGINERING TECH I Engi neeri ng Technol ogy I/Level 2	/Y	PA	1.0		
8600670	ENGINERING TECH II Engi neeri ng Technol ogy II/Level 2	/Y	PA	1.0		
8601770	ENGINERING TECH III Engi neeri ng Technol ogy III/Level 3	/Y	PA	1.0		
8601100	MAT & PROCS TECH Materi als and Processes Technol ogy	9-12, 30, 31 /			METALS @4 ENG 7 G CAB WOODWK @7 G	WOODWORKIN @4 TEC ED 1 @2
8601110	MAT & PROCS TECH I Materi als and Processes Technol ogy I/Level 2	/Y	PA	1.0		
8601120	MAT & PROCS TECH II Materi als and Processes Technol ogy II/Level 2	/Y	PA	1.0		

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			GRADUATION REQUIREMENTS		
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 CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8600550	INTRO TO ENGR DSN Introduction to Engineering Design/ Level 3	/Y	PA		1.0
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
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

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8601740	PRODUCTI ON TECH III Producti on Technol ogy III/Level 3	/Y	PA	1.0						
9400100	SCI ENTI FIC VI SUALI Z Sci enti fi c Vi sua l i zati on	9-12, 30, 31 /			SCI VI Z COMPU SCI	7 6	G	TEC ED ENG	@2 7	1 G
8207310	INTROD TO INFO TECH Introducti on to Informati on Technol ogy /Level 2	/Y	PA	1.0						
9400110	PRIN SCI EN VI SUALI Z Pri nci pl es of Sci enti fi c Vi sua l i zati on /Level 3	/Y	VO	1.0						
9400120	DATA MODELING Data Model ing/Level 3	/Y	PA	1.0						
9400130	ADV APPS SCI VI SUAL Advanced Appl i cati on s i n Sci enti fi c Vi sua l i zati on/Level 3	/Y	PA	1.0						
9400140	SCI VI Z I NTERNSHI P Sci Vi z Internshi p/Level 2	/Y	VO	1.0						
8600100	TECH STUDI ES Technol ogy Studi es	9-12, 30, 31 /			ENG	7	G	TEC ED	1	@2
8600510	TECH STUDI ES I Technol ogy Studi es I/Level 2	/Y	PA	1.0						
8600610	TECH STUDI ES II Technol ogy Studi es II/Level 2	/Y	PA	1.0						
8601710	TECH STUDI ES III Technol ogy Studi es III/Level 2	/Y	PA	1.0						
8600400	TECH SYSS Technol ogy Systems	9-12, 30, 31 /			SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE					
8600410	COMMUNI CATI ON S SYSS Communi cati on s Systems/Level 2	/S	PA	0.5						
8600420	POWER TRANS SYSTEMS Power and Transportati on Systems/ Level 2	/S	VO	0.5						
8600430	PRODUCTI ON SYSTEMS Producti on Systems/Level 2	/S	VO	0.5						
8600440	DRAFT/I LL DSN TECH Drafti ng/I llustrati ve Design Systems /Level 2	/S	PA	0.5						
8600450	ELECTRONI CS SYSS Electroni cs Systems/Level 2	/S	VO	0.5						
8600460	ENGI NEERI NG SYSS Engi neeri ng Systems/Level 2	/S	VO	0.5						
8600470	APPLI ED TECH SYSS Appl i ed Technol ogy Systems/Level 2	/S	VO	0.5						

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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 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
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 CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	

## GENERAL PROGRAMS

8600042	EX OF PDCT TECH & CP Exploration of Production Technology and Career Planning	7-8	/S	VO	0.5	TEC ED 1 @2 TEC CONSTR @7 G BLDG CONST @7 G BLDG MAINT @7 G TEC ED 1 @2	WOODWORKIN @4 METALS @4 ENG 7 G CARPENTRY @7 G ENG 7 G
8600220	EXPLO TECH & CAR PLA Exploring Technology and Career Planning	7-8	/S	VO	0.5		
8600000	INTEGRATED TECH ST Integrated Technology Studies	6-9, 30, 31 /				SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	
8600010	INTROD TO TECH Introduction to Technology	/S	VO	0.5			
8600020	EX TECHNOLOGY Exploring Technology	/S	VO	0.5			
8600030	EX COMM TECH Exploration of Communications Technology	/S	VO	0.5			
8600040	EX PRODUCTION TECH Exploration of Production Technology	/S	VO	0.5			
8600050	EX AEROSPACE TECH Exploration of Aerospace Technology	/S	VO	0.5			
8600240	EX TRANS TECH Exploration of Transportation Technology	/S	VO	0.5			

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			SUBJECT AREA	GRADUATION REQUIREMENTS	
8600250	EX POWER & ENRG TECH Explorati on of Power and Energy Technol ogy	/S	VO		0.5

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TRANSPORTATION, DISTRIBUTION & LOGISTICS CAREER CLUSTER

-----  
 FACILITY & MOBILE EQUIPMENT MAINTENANCE CAREER PATH (TRPD)  
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T600100	ADV AUTO SVR TECH 1 Advanced Automoti ve Servi ce Technol ogy 1	30, 31	/			AUTO MECH @7 G		AUTO IND @7 G
AER0011	AUTO MAINT TECH Automoti ve Mai ntenance Techni ci an		/Y	VO	2.5			
AER0319	ADV AUTO ELEC TECH Advanced Automoti ve El ectri cal / El ectroni c System Techni ci an		/Y	VO	2.5			
T600200	ADV AUTO SVR TECH 2 Advanced Automoti ve Servi ce Technol ogy 2	30, 31	/			AUTO MECH @7 G		AUTO IND @7 G
AER0118	ADV ENG RPR TECH Advanced Engi ne Repai r Techni ci an		/Y	VO	1.0			
AER0258	ADV AUTO TRANS TECH Advanced Automati c Transmi ssi on and Transaxl e Techni ci an		/Y	VO	1.0			
AER0275	ADV MAN DT/AX TECH Advanced Manual Dri vetrai n and Axle Techni ci an		/Y	VO	1.0			
AER0459	ADV AUTO SUSP & STEE Advanced Automoti ve Suspensi on and Steeri ng Techni ci an		/Y	VO	1.0			
AER0419	ADV AUTO BRAKE SYS Advanced Automoti ve Brake System Techni ci an		/Y	VO	1.0			
AER0173	ADV AUTO HEAT&AC TEC Advanced Automoti ve Heati ng and Ai r Condi ti oni ng Techni ci an		/Y	VO	1.0			
AER0506	ADV AUTO ENGN PERF T Advanced Automoti ve Engi ne Performance Techni ci an		/Y	VO	2.5			

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			SUBJECT AREA	GRADUATION REQUIREMENTS	
I 470604	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
I 470612	AIRCR AIRFRAME MECH Aircraft Airframe Mechanics	30, 31	/		AIR MECH @7 G
AMT0700	AV GEN MAINT TECH HL Aviation General Maintenance Technician Helper		/Y	VO	4.0



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			SUBJECT AREA GRADUATION REQUIREMENTS		
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	AIRCR 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
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

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			GRADUATION REQUIREMENTS		
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
I 470603	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
I 47060R	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
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

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			GRADUATION REQUIREMENTS				
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 @7 G AUTO IND @7 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 @7 G AUTO IND @7 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		
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		

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				SUBJECT AREA	GRADUATION REQUIREMENTS	
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
I 470608	AUTO SERV TECH Automotive Service Technology		30, 31	/		AUTO MECH @7 G      AUTO IND @7 G
AER0014	AUTO SERVICES ASST Automobile Services Assistant			/Y	VO	2.0
AER0110	ENGINE REPAIR TECH Engine Repair Technician			/Y	VO	1.0
AER0257	AUTO TRANS&AXLE TECH Automatic Transmission and Transaxle Technician			/Y	VO	1.0
AER0274	MAN DRIVETRAIN/AXLE Manual Drivetrain and Axle Technician			/Y	VO	1.0
AER0453	AUTO SUSP & STEER TE Automobile Suspension and Steering Technician			/Y	VO	1.0
AER0418	AUTO BRAKE SYS TECH Automotive Brake System Technician			/Y	VO	1.0
AER0360	AUTO ELEC/ELECT TECH Automotive Electrical/Electronic System Technician			/Y	VO	2.0
AER0172	AUTO HEAT&AC TECH Automotive Heating and Air Conditioning Technician			/Y	VO	1.0
AER0503	AUTO ENGN PERF TECH Automotive Engine Performance Technician			/Y	VO	2.0
T400700	AUTO SERV TECH 1 Automotive Service Technology		30, 31	/		AUTO MECH @7 G      AUTO IND @7 G
AER0014	AUTO SERVICES ASST Automobile Services Assistant			/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

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			GRADUATION REQUIREMENTS		
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
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
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

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			SUBJECT AREA GRADUATION REQUIREMENTS		
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 TECH 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
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

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			GRADUATION REQUIREMENTS		
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 OR		/Y	VO	1.0
8207310	INTRO TO IT Introduction to Information Technology		/Y	VO	1.0
9503130	WAREHOUSE OPS & MAT1 GLOB LOG OPS Warehouse Operations and Material Handling I/Level 2 Global Logistics Operations/ Level 3		/Y	VO	1.0
9503140	WAREHOUSE OPS & MAT2 GLOB LOG MGMT Warehouse Operations and Material Handling II/Level 2 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 OR		/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	/		DI ESEL MEC @7 G
DIM0101	DSL ENGN TEC/MEC HLP Diesel Engine Mechanic/Technician		/Y	VO	1.0

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			GRADUATION REQUIREMENTS		
	Hel per				
DIM0102	DSL ELEC & ELECT TEC Di esel El ectri cal and El ectroni cs Techni ci an		/Y	VO	2.0
DIM0103	DSL ENG PREV MAINT Di esel Engi ne Preventati ve Mai ntenance Techni ci an		/Y	VO	1.0
DIM0104	DI ESEL ENGINE TECH Di esel Engi ne Techni ci an		/Y	VO	2.0
DIM0105	DI ESEL BRAKES TECH Di esel Brakes Techni ci an		/Y	VO	2.0
DIM0106	DSL HEAT & AC TECH Di esel Heati ng and Ai r Condi ti oni ng Techni ci an		/Y	VO	1.0
DIM0107	DSL STEER & SUSP TEC Di esel Steeri ng and Suspensi on Techni ci an		/Y	VO	1.0
DIM0108	DSL DRIVETRAIN TECH Di esel Dri vetrai n Techni ci an		/Y	VO	1.0
DIM0110	DI ESEL POWER TR TECH Di esel Power Trai n Techni ci an		/Y	VO	1.0
I47030R	HVY EQUIP MECH -APPR Heavy Equi pment Mechani cs - Apprenti ceshi p	30, 31	/		
I490202	HVY EQUIPMENT OPERAT Heavy Equi pment Operati on	30, 31	/		OPER ENGR @7 G
TRA0070	HVY EQUIP MAINT TECH Heavy Equi pment Mai ntenance Techni ci an		/Y	VO	1.0
TRA0086	TRACTOR OPERATOR Tractor Operator		/Y	VO	1.0
TRA0087	OFFRD EQUIP OP 1 Offroad Equi pment Operator 1		/Y	VO	2.0
TRA0088	OFFRD EQUIP OP 2 Offroad Equi pment Operator 2		/Y	VO	2.0
TRA0049	CRANE OPERATOR Crane Operator		/Y	VO	2.0
I49020R	HVY EQUIP OP-APPR Heavy Equi pment Operati on - Apprenti ceshi p	30, 31	/		
8751000	MARI SERV TECH Mari ne Servi ce Technol ogy	9-12, 30, 31	/		DI ESEL MEC @7 G GASENG RPR @7 G
8751010	MARI NE SERVI CE 1 Mari ne Servi ce 1/Level 2		/Y	VO	1.0



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			GRADUATION REQUIREMENTS		
8751020	MARI NE SERVI CE 2 Mari ne Servi ce 2/Level 2		/Y	VO	1.0
8751030	MARI NE SERVI CE 3 Mari ne Servi ce 3/Level 2		/Y	VO	1.0
8751040	MARI NE SERVI CE 4 Mari ne Servi ce 4/Level 2		/Y	VO	1.0
8751050	MARI NE SERVI CE 5 Mari ne Servi ce 5/Level 2		/Y	VO	1.0
8751060	MARI NE SERVI CE 6 Mari ne Servi ce 6/Level 2		/Y	VO	1.0
8751070	MARI NE SERVI CE 7 Mari ne Servi ce 7/Level 2		/Y	VO	1.0
8751080	MARI NE SERVI CE 8 Mari ne Servi ce 8/Level 2		/Y	VO	1.0
8751090	MARI NE SERVI CE 9 Mari ne Servi ce 9/Level 2		/Y	VO	1.0
I 490306	MARI NE SERVI CE TECH Mari ne Servi ce Technol ogy	30, 31	/		DI ESEL MEC @7 G GASENG RPR @7 G
MTE0003	MARI NE RI GGER Mari ne Ri gger		/Y	VO	2.0
MTE0050	OUTBOARD ENGN TECH 1 Outboard Engi ne Techni ci an 1		/Y	VO	2.0
MTE0070	OUTBOARD ENGN TECH 2 Outboard Engi ne Techni ci an 2		/Y	VO	2.0
MTE0183	STERN DRI VE TECH Stern Dri ve Techni ci an		/Y	VO	1.0
MTE0054	INBOARD GAS TECH Inboard Gas Techni ci an		/Y	VO	1.0
MTE0056	INBOARD DI ESEL TECH Inboard Di esel Techni ci an		/Y	VO	1.0
T500100	MARI NE SER TECH 1 Mari ne Servi ce Technol ogy 1	30, 31	/		DI ESEL MEC @7 G GASENG RPR @7 G
MTE0003	MARI NE RI GGER Mari ne Ri gger		/Y	VO	2.0
MTE0050	OUTBOARD ENGN TECH 1 Outboard Engi ne Techni ci an 1		/Y	VO	2.0
T500200	MARI NE SER TECH 2 Mari ne Servi ce Technol ogy 2	30, 31	/		DI ESEL MEC @7 G GASENG RPR @7 G
MTE0070	OUTBOARD ENGN TECH 2 Outboard Engi ne Techni ci an 2		/Y	VO	2.0
MTE0183	STERN DRI VE TECH Stern Dri ve Techni ci an		/Y	VO	1.0
MTE0054	INBOARD GAS TECH Inboard Gas Techni ci an		/Y	VO	1.0

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			SUBJECT AREA GRADUATION REQUIREMENTS		
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
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	/Y	VO		2.0

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			SUBJECT AREA GRADUATION REQUIREMENTS		
	Di esel Brakes Techni ci an				
DIM0106	DSL HEAT & AC TECH Di esel Heating and Ai r Condi ti oni ng Techni ci an		/Y	VO	1.0
DIM0107	DSL STEER & SUSP TEC Di esel Steeri ng and Suspensi on Techni ci an		/Y	VO	1.0
DIM0108	DSL DRIVETRAIN TECH Di esel Dri vetrai n Techni ci an		/Y	VO	1.0
DIM0109	DI ESEL HYDRA TECH Di esel Hydraul i cs Techni ci an		/Y	VO	1.0
T650100	MED & HVY TRK&BUS 1 Medi um and Heavy Duty Truck and Bus Techni ci an 1	30, 31	/		DI ESEL MEC @7 G
DIM0101	DSL ENGN TEC/MEC HLP Di esel Engi ne Mechani c/Techni ci an Hel per		/Y	VO	1.0
DIM0102	DSL ELEC & ELECT TEC Di esel El ectri cal and El ectroni cs Techni ci an		/Y	VO	2.0
DIM0104	DI ESEL ENGINE TECH Di esel Engi ne Techni ci an		/Y	VO	2.0
DIM0105	DI ESEL BRAKES TECH Di esel Brakes Techni ci an		/Y	VO	2.0
T650200	MED & HVY TRK&BUS 2 Medi um and Heavy Duty Truck and Bus Techni ci an 2	30, 31	/		DI ESEL MEC @7 G
DIM0103	DSL ENG PREV MAINT Di esel Engi ne Preventati ve Mainte nance Techni ci an		/Y	VO	1.0
DIM0106	DSL HEAT & AC TECH Di esel Heating and Ai r Condi ti oni ng Techni ci an		/Y	VO	1.0
DIM0107	DSL STEER & SUSP TEC Di esel Steeri ng and Suspensi on Techni ci an		/Y	VO	1.0
DIM0108	DSL DRIVETRAIN TECH Di esel Dri vetrai n Techni ci an		/Y	VO	1.0
DIM0109	DI ESEL HYDRA TECH Di esel Hydraul i cs Techni ci an		/Y	VO	1.0
8766100	MOTORCYCLE SERV TECH Motorcycl e Servi ce Technol ogy	9-12, 30, 31	/		MOTORCYCLE @7 G
8766110	MOTORCYCLE SERV 1		/Y	VO	1.0

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				SUBJECT AREA	GRADUATION REQUIREMENTS	
	Motorcycle Service 1/Level 2					
8766120	MOTORCYCLE SERV 2			/Y	VO	1.0
	Motorcycle Service 2/Level 2					
8766130	MOTORCYCLE SERV 3			/Y	VO	1.0
	Motorcycle Service 3/Level 2					
8766140	MOTORCYCLE SERV 4			/Y	VO	1.0
	Motorcycle Service 4/Level 2					
8766150	MOTORCYCLE SERV 5			/Y	VO	1.0
	Motorcycle Service 5/Level 2					
8766160	MOTORCYCLE SERV 6			/Y	VO	1.0
	Motorcycle Service 6/Level 2					
8766170	MOTORCYCLE SERV 7			/Y	VO	1.0
	Motorcycle Service 7/Level 2					
8766180	MOTORCYCLE SERV 8			/Y	VO	1.0
	Motorcycle Service 8/Level 2					
8766190	MOTORCYCLE SERV 9			/Y	VO	1.0
	Motorcycle Service 9/Level 2					
8766200	MOTORCYCLE SERV 10			/Y	VO	1.0
	Motorcycle Service 10/Level 2					
I 470616	MOTORCYCLE SERV TECH		30, 31	/		MOTORCYCLE @7 G
	Motorcycle Service Technology					
MOM0001	ASSEMBLER (SETUP)			/Y	0	1.0
	Assembler (Setup)					
MOM0002	PARTS CLERK			/Y	VO	1.0
	Parts Clerk					
MOM0100	HELPER, MECHANIC			/Y	VO	3.0
	Helper, Mechanic					
MOM0400	MOTORCYLCE MECH			/Y	VO	5.0
	Motorcycle Mechanic					
<sup>a</sup> I 470698	REC VEH SERVICE TECH		30, 31	/		REC VEH SR @7 G
	Recreational Vehicle Service Technician					
ARR0071	LOT PORTER			/Y	VO	1.0
	Lot Porter					
ARR0072	PRE-DEL INSPEC TECH			/Y	VO	2.0
	Pre-Delivery Inspection Technician					
ARR0073	REC VEHICLE TECH 1			/Y	VO	1.5
	Recreational Vehicle Technician 1					
ARR0074	REC VEHICLE TECH 2			/Y	VO	1.5
	Recreational Vehicle Technician 2					
9500100	TRANSIT TECHNICIAN 1		9-12, 30, 31	/		DI ESEL MEC @7 G
	Transit Technician 1					
9500110	TRANSIT BUS SERV 1			/Y	VO	1.0

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; 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		
	Transit Bus Service 1/Level 2				
9500120	TRANSIT BUS SERV 2		/Y	VO	1.0
	Transit Bus Service 2/Level 2				
9500130	TRANSIT BUS SERV 3		/Y	VO	1.0
	Transit Bus Service 3/Level 2				
9500140	TRANSIT BUS SERV 4		/Y	VO	1.0
	Transit Bus Service 4/Level 2				
9500150	TRANSIT BUS SERV 5		/Y	VO	1.0
	Transit Bus Service 5/Level 2				
T660100	TRANSIT TECHNICIAN 1	30, 31	/		DI ESEL MEC @7 G
	Transit Technician 1				
DI M0810	TRANSIT EQUIP PREV		/Y	VO	1.5
	Transit Equipment Preventative Maintenance Technician				
DI M0811	TRANSIT BASIC ELEC		/Y	VO	1.0
	Transit Basic Electrical Systems Technician				
DI M0812	TRANSIT WHEELCHAIR		/S	VO	0.5
	Transit Wheelchair Lift/Ramp Technician				
DI M0813	TRANSIT DSL ENG PREV		/Y	VO	1.0
	Transit Diesel Engine Preventative Maintenance Technician				
DI M0814	TRANSIT STEER & SUSP		/Y	VO	1.0
	Transit Steering and Suspension Technician				
9500200	TRANSIT TECHNICIAN 2	9-12, 30, 31	/		DI ESEL MEC @7 G
	Transit Technician 2				
9500210	TRANSIT BUS SERV 6		/Y	VO	1.0
	Transit Bus Service 6/Level 2				
9500220	TRANSIT BUS SERV 7		/Y	VO	1.0
	Transit Bus Service 7/Level 2				
9500230	TRANSIT BUS SERV 8		/Y	VO	1.0
	Transit Bus Service 8/Level 2				
9500240	TRANSIT BUS SERV 9		/Y	VO	1.0
	Transit Bus Service 9/Level 2				
9500250	TRANSIT BUS SERV 10		/Y	VO	1.0
	Transit Bus Service 10/Level 2				
T660200	TRANSIT TECHNICIAN 2	30, 31	/		DI ESEL MEC @7 G
	Transit Technician 2				
DI M0820	TRANSIT HYDRAULICS		/S	VO	0.5
	Transit Hydraulics Technician				
DI M0821	TRANSIT DIESEL ELEC		/Y	VO	1.0
	Transit Diesel Electrical and Diesel				

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; 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
	Engine Electronics Technician			
DI M0822	TRANSIT DRIVETRAIN Transit Drivetrain Technician		/Y VO	1.0
DI M0823	TRANSIT INTM ELEC Transit Intermediate Electrical Systems Technician		/Y VO	1.0
DI M0824	TRANSIT BRAKES/AIR Transit Brakes/Air System Technician		/Y VO	1.5
9500300	TRANSIT TECHNICIAN 3 Transit Technician 3	9-12, 30, 31 /		DI ESEL 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
9500350	TRANSIT BUS SERV 15 Transit Bus Service 15/Level 2		/Y VO	1.0
T660300	TRANSIT TECHNICIAN 3 Transit Technician 3	30, 31 /		DI ESEL MEC @7 G
DI M0830	TRANSIT ALT FUELS Transit Alternative Fuels System Technician		/Y VO	1.0
DI M0831	TRANSIT ADV ELEC SYS Transit Advanced Electrical Systems Technician		/Y VO	1.0
DI M0832	TRANSIT HEAT & AIR Transit Heating and Air-Conditioning Technician		/Y VO	1.0
DI M0833	TRANS DIAG, REBUILD Transmission Diagnosis, Rebuild and Repair Technician		/Y VO	1.0
DI M0834	DI E ENG DIAG, REBLD Diesel Engine Diagnosis, Rebuild and Repair Technician		/Y VO	1.0

## RANS SYS/INFRASTRUCTURE PLAN, MGMT &amp; REGS PATH (TRPE)

<sup>a</sup> I 490105	AIR TRAFFIC CONTROL Air Traffic Control	30, 31 /		AIR COND @7 G
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## SECTION 5

## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; 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		
ATT0825	AIR TRAF CONT SPEC 1 Air Traffic Control Specialist 1		/Y	VO	2.5
ATT0826	AIR TRAF CONT SPEC 2 Air Traffic Control Specialist 2		/Y	VO	2.5
ATT0827	AIR TRAF CONT SPEC 3 Air Traffic Control Specialist 3		/Y	VO	2.5
ATT0828	AIR TRAF CONT SPEC 4 Air Traffic Control Specialist 4		/Y	VO	2.5
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
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 COMM DRIV @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 OPER ENGR @7 G
TRA0071	SOLID WASTE COLL EQU Solid Waste Collection Equipment Operator		/Y	VO	1.0

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; 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
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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION
-----   ADDITIONAL CAREER AND TECHNICAL EDUCATION PROGRAMS/COURSES   -----				
DI VERSI FIED				
D886700	C & T REL BAS SK Career and Technical Related Basic Skills	30, 31 /	SCIENCE @4 ENGLISH 1 MG ENG C	PHYSICS 1 @4 MATH 1 @4 MG MATH C
D886200	COOP DIV ED-OJT Cooperative Diversified Education- OJT	30, 31 /	ANY VOCATIONAL FIELD OR COVERAGE COOR DCT @4 @7 TEACH CDE @7 SPECLIZ TC \$7 COOP TEACH @7	
8300420	COOP DIV ED-OJT Cooperative Diversified Education- OJT/Level 2	9-12, 30, 31 /M	VO MULTIPLE	ANY VOC FIELD OR COVERAGE/TC COOP ED E G COOR WK EX @7 COOR DCT @4 @7 TEACH CDE @7 SPECLIZ TC \$7 COOP TEACH @7
8303000	DIV CAR TECH Diversified Career Technology	9-12, 30, 31 /	ANY VOC FIELD OR COVERAGE/TC COOP ED E G COOR WK EX @7 COOR DCT @4 @7 TEACH CDE @7 SPECLIZ TC \$7 COOP TEACH @7	
8303010	DIV CAREER TECH PRIN Diversified Career Technology Principles/Level 2	/Y	VO	1.0
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 TEACH CDE @7 SPECLIZ TC \$7 COOP TEACH @7 ANY VOC FIELD OR COVERAGE/TC COOP ED E G COOR WK EX @7	
VPI 0400	DIV CAREER TECH Diversified Career Technology	/Y	VO	1.0

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## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; 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		
VPI 0940	DIV CAREER TECH OJT Diversified Career Technology OJT		/Y	VO	1.0
VPI 0401	DIV CAREER TECH APPS Diversified Career Technology Applications		/Y	VO	1.0
VPI 0402	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	6-9, 30, 31	/S	VO	0.5 ANY VOCATIONAL FIELD OR COVERAGE COOR WK EX @7 ANY FIELD/BACHELORS OR HIGHER CERT/TC WK EXP E G ANY FIELD WHEN CERT REFLECTS BACHELOR/ HIGHER TC WK EXP
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	6-9, 30, 31	/S	VO	0.5 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	6-9, 30, 31	/S	VO	0.5 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/TC WK EXP E G
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
D988650	WKPL ESSENTIALS Workplace Essentials	30, 31	/S	VO	0.5 ANY VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR/ HIGHER

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; 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	
8300310	WKPL ESSENTIALS Workpl ace Essenti als/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 Workpl ace Technol ogy Appli cations/ 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 DI SAB Career Educati on for Students wi th Di sabi liti es	7-12, 30, 31 /M	VO	MULTI PLE	ANY VOCATIONAL FIELD OR COVERAGE
S990002	CAR ED STUS DI SAB Career Educati on for Students wi th Di sabi liti es	30, 31 /			ANY VOCATIONAL FIELD OR COVERAGE
SLS0051	TRAIN RELATED OCCS 1 Trai ni ng Rel ated Occupati ons 1		/Y	VO	MULTI PLE
SLS0052	TRAIN RELATED OCCS 2 Trai ni ng Rel ated Occupati ons 2		/Y	VO	MULTI PLE
S990004	SUP COMPE EMP AD DIS Supporte d Competi tive Employme nt for Adul ts W/Di sabi liti es (Phase I)	30, 31 /			ANY FIELD
SLS0051	TRAIN RELATED OCCS 1 Trai ni ng Rel ated Occupati ons 1		/Y	VO	MULTI PLE
SLS0052	TRAIN RELATED OCCS 2 Trai ni ng Rel ated Occupati ons 2		/Y	VO	MULTI PLE
S430123	VOC EMP SKILLS ADULT Vocati onal Empl oyiabi lity Ski lls for Adul ts	30, 31 /			ANY VOCATIONAL FIELD OR COVERAGE
SLS0050	HELPER Hel per		/Y	VO	MULTI PLE
9001920	VOC/EMP SKLS/YOUTH Vocati onal Empl oyiabi lity Ski lls for You th	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 Vocati onal Empl oyiabi lity Ski lls for You th and Caree r Pl anni ng	7-12, 30, 31 /M	VO	0.5	ANY VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR/ HIGHER

## OTHER CAREER AND TECHNICAL EDUCATION PROGRAMS

E91010A	CWE - AG & NAT RES Conti nu ing Workforce Educati on - Agri cul ture and Natu ral Resour ces	30, 31 /M			ANY FIELD
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## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; 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		
E91010B	CWE - BUS TECH Continuing Workforce Education - Business Technology	30, 31	/M		ANY FIELD
E91010V	CWE - FAM & CONS SCI Continuing Workforce Education - Family and Consumer Sciences	30, 31	/M		ANY FIELD
E91010H	CWE - HEALTH SCI Continuing Workforce Education - Health Science	30, 31	/M		ANY FIELD
E91010I	CWE - IND Continuing Workforce Education - Industrial	30, 31	/M		ANY FIELD
E91010M	CWE - MARKETING Continuing Workforce Education - Marketing	30, 31	/M		ANY FIELD
E91010P	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
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

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; 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
----- 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