

## **Section 5: Career and Technical Education (CTE) Vocational Career Path, Program and Course Listings**

<b><u>Career Clusters</u></b>	<b><u>Page Number</u></b>
Agriculture, Food & Natural Resources .....	2
Architecture & Construction.....	15
Arts, A/V Technology & Communication .....	37
Business Management & Administrative .....	54
Education & Training .....	68
Finance.....	71
Government & Public Administration.....	74
Health Science .....	76
Hospitality & Tourism .....	91
Human Services .....	98
Information Technology (IT) .....	104
Law, Public Safety & Service .....	117
Manufacturing.....	128
Marketing, Sales & Services .....	157
Science, Technology, Engineering & Mathematics (STEM).....	167
Transportation, Distribution & Logistics.....	173
Additional Career & Technical Education Programs/Courses .....	193

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

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

FOOD PRODUCTS & PROCESSING SYSTEMS CAREER PATH (APGA)  
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8117000	AG COMM Agricultural Communications	9-12,30,31 /		AGRICULTUR	1 @2	
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 2	/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		
8129200	FOOD SCI APPL Food Science Applications	9-12,30,31 /		AGRICULTUR	1 @2	
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 2	/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 1 @2	GEN HME EC @4 FAM CON SC 1

PLANT SYSTEMS CAREER PATH (AGPB)  
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<sup>a</sup> 8106400 @2	CROP & PLANT TECH Crop and Plant Technology	9-12,30,31 /		AGRI PROD	#7	AGRICULTUR 1
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 2	/Y	SC	1.0		
8106420	CROP & PLT TECH 2 Crop and Plant Technology 2/Level 2	/Y	VO	1.0		
8106430	CROP & PLT TECH 3 Crop and Plant Technology 3/Level 2	/Y	VO	1.0		

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8106440	CROP & PLT TECH 4 Crop and Plant Technology 4/Level 2	/Y	VO	1.0	
8106450	CROP & PLT TECH 5 Crop and Plant Technology 5/Level 2	/Y	VO	1.0	
8106460	CROP & PLT TECH 6 Crop and Plant Technology 6/Level 2	/Y	VO	1.0	
*A010304	CROP & PLANT TECH Crop and Plant Technology	30,31	/		AGRI PROD @7 G AGRICULTUR 1 @2
PLS0028	FARMERS & RANCHERS 1 Farmers and Ranchers 1	/Y	O	0	
PLS0029	FARMERS & RANCHERS 2 Farmers and Ranchers 2	/Y	O	0	
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	/Y		RETAILING @7 G TEACH CDE @7 MKTG MGMT @7 G
ORH0060	DEL PERSON (FLORAL) Delivery Person (Floral)	/Y	O	0	
ORH0061	RETAIL SALES(FLORAL) Retail Sales (Floral)	/Y	O	0	
ORH0062	WEIGHERS, MEAS, RCDK Weighers, Measurers, Checkers, Samplers, and Recordkeeping	/Y	O	0	
ORH0063	FLORAL DSN (ASST) Floral Design (Assistant)	/Y	O	0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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			SUBJECT AREA	GRADUATION REQUIREMENTS			
ORH0064	FLORAL DESIGNER Floral Designer		/Y	O	0		
ORH0065	RETAIL MGR (FLORAL) Retail Manager (Floral)		/Y	O	0		
8121600	HORT SCI & SERS Horticulture Science & Services	9-12,30,31	/			AGRICULTUR 1 @2	HORTICULT #7
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 2		/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	VO	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		
A010206	IRRIGATION OPS Irrigation Operations	30,31	/			AGRICULTUR 1 @2 HORTICULT @7 G	AGRI @2
AOM0342	LAND & GROUNDS WRKS Landscaping and Groundskeeping Workers		/Y	O	0		
AOM0343	IRRIGATIONS OPS Irrigation Operations		/Y	O	0		
A010615	LAND MGMT Landscape Management	30,31	/			AGRI @2 HORTICULT @7 G	AGRICULTUR 1 @2
ORH0885	LANDSCAPE SPEC Landscape Specialist		/Y	O	0		
ORH0886	FIRST LINE SUPR/MGR1 First Line Supervisors/Managers of Lands, Lawn Ser & Grounds 1		/Y	O	0		
ORH0887	LANDSCAPE CONTRACTOR Landscape Contractor		/Y	O	0		
8121300	LAND OPS Landscape Operations	9-12,30,31	/			AGRICULTUR 1 @2	HORTICULT #7

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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			SUBJECT AREA	GRADUATION REQUIREMENTS		
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 2		/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	VO	1.0	
8121310	LAND & TURF SCI 4 Landscape and Turf Science 4/Level 2		/Y	VO	1.0	
8121320	LAND & TURF SCI 5 Landscape and Turf Science 5/Level 2		/Y	VO	1.0	
8121330	LAND OPS 6 Landscape Operations 6/Level 2		/Y	VO	1.0	
A010616	NURSERY MGMT Nursery Management	30,31	/			AGRI @2 HORTICULT @7 G AGRICULTUR 1 @2
ORH0862	NURSERY WORKERS Nursery Workers		/Y	O	0	
ORH0863	NURSERY & GRNHS MGR1 Nursery and Greenhouse Managers 1		/Y	O	0	
ORH0864	NURSERY & GRNHS MGR2 Nursery and Greenhouse Managers 2		/Y	O	0	
A01061R	NURSERY MGMT- APPR Nursery Management - Apprenticeship	30,31	/			
A01062R	NURSERY TEC-APPR Nursery Technician - Apprenticeship	30,31	/			
8106500	PLANT BIOTECH Plant Biotechnology	9-12,30,31	/			AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 2		/Y	SC	1.0	
8106850	AG BIOTECH 2 Agriculture Biotechnology 2/Level 3		/Y	VO	1.0	
8106510	PLANT BIOTECH 3 Plant Biotechnology 3/Level 3		/Y	VO	1.0	
<sup>a</sup> A010510	PLANT BIOTECH Plant Biotechnology	30,31	/			VOC AGRI @2 AGRI PROD @7 G AGRICULTUR 1 @2 HORTICULT @7 G
AGG0081	BIOLOGICAL TECH-PLT Biological Technician - Plant		/Y	O	0	
A020607	SPRTS & REC TURF MGMT Sports and Recreational Turf Management	30,31	/			AGRI @2 HORTICULT @7 G AGRICULTUR 1 @2

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

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ORH0885	LANDSCAPE SPEC Landscape Specialist	/Y	O	0	
ORH0886	FIRST LINE SUPR/MGR1 First Line Supervisors/Managers of Lands, Lawn Ser & Grounds 1	/Y	O	0	
ORH0897	FIRST LINE SUPR/MGR2 First Line Supervisors/Managers of Lands, Lawn Ser & Grounds 2	/Y	O	0	
8121400	SPRTS & REC TURF OPS Sports and Recreational Turf Operations	9-12,30,31 /			AGRICULTUR 1 @2 HORTICULT #7
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 2	/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	VO	1.0	
8121310	LAND & TURF SCI 4 Landscape and Turf Science 4/Level 2	/Y	VO	1.0	
8121320	LAND & TURF SCI 5 Landscape and Turf Science 5/Level 2	/Y	VO	1.0	
8121410	SPRTS & REC TURF OPS6 Sports and Recreational Turf Operations 6/Level 2	/Y	VO	1.0	
ANIMAL SYSTEMS CAREER PATH (AGPC)					
8106100	ANIM BIOTECH Animal Biotechnology	9-12,30,31 /			AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 2	/Y	SC	1.0	
8106850	AG BIOTECH 2 Agriculture Biotechnology 2/Level 3	/Y	VO	1.0	
8106120	ANIM BIOTECH 3 Animal Biotechnology 3/Level 3	/Y	VO	1.0	
*A010403	ANIM BIOTECHNOLOGY Animal Biotechnology	30,31 /			VOC AGRI @2 AGRICULTUR 1 @2 AGRI PROD @7 G
AGG0080	BIOLOGICAL TECH-AN Biological Technician - Animal	/Y	O	0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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COURSES MEETING

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8106200	ANIM SCI & SERV Animal Science and Services	9-12,30,31 /		AGRICULTUR	1 @2	AGRI PROD #7
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 2	/Y	SC		1.0	
8106210	ANIM SCI & SERS 2 Animal Science and Services 2/Level 2	/Y	VO		1.0	
8106220	ANIM SCI & SERS 3 Animal Science and Services 3/Level 2	/Y	VO		1.0	
8106230	ANIM SCI & SERS 4 Animal Science and Services 4/Level 2	/Y	VO		1.0	
8106240	ANIM SCI & SERS 5 Animal Science and Services 5/Level 2	/Y	VO		1.0	
8106250	ANIM SCI & SERS 6 Animal Science and Services 6/Level 2	/Y	VO		1.0	
8112000	AQUACULTURE Aquaculture	9-12,30,31 /		AGRICULTUR	1 @2	
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 2	/Y	SC		1.0	
8112010	AQUACULTURE 2 Aquaculture 2/Level 2	/Y	VO		1.0	
8112020	AQUACULTURE 3 Aquaculture 3/Level 2	/Y	VO		1.0	
8115110	VET ASSIST Veterinary Assisting	9-12,30,31 /		AGRICULTUR	1 @2	AG SUPPLI #7
8111510	VET ASSIST 1 Veterinary Assisting 1/Level 2	/Y	VO		1.0	
8111540	VET ASSIST 2 Veterinary Assisting 2/Level 2	/Y	VO		1.0	
8111550	VET ASSIST 3 Veterinary Assisting 3/Level 2	/Y	VO		1.0	
8111520	VET ASSIST 4 Veterinary Assisting 4/Level 2	/Y	VO		1.0	
8111530	VET ASSIST 5 Veterinary Assisting 5/Level 2	/Y	VO		1.0	
A010512	VET ASSIST Veterinary Assisting	30,31 /		AGRI AG SUPPLI	@2 @7 G	AGRICULTUR 1 @2
ATE0006	VET ASST & LAB ANI 1 Veterinary Assistants and Laboratory Animal Caretakers 1	/Y	O		0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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ATE0070	VET ASST & LAB ANI 2 Veterinary Assistants and Laboratory Animal Caretakers 2		/Y	O	0	
ATE0072	VET ASST Veterinary Assistant		/Y	O	0	
POWER, STRUCTURAL & TECHNICAL SYSTEMS CAREER PATH (AGPD)						
8103400	AG MACHI MECH Agricultural Machinery Mechanics	9-12,30,31 /				AGRI MECH #7      AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 2		/Y	SC	1.0	
8103120	AG MECH 2 Agricultural Mechanics 2/Level 2		/Y	VO	1.0	
8103130	AG MECH 3 Agricultural Mechanics 3/Level 2		/Y	VO	1.0	
8103410	AG MACH MECH 4 Agricultural Machinery Mechanics 4/ Level 2		/Y	VO	1.0	
8103420	AG MACH MECH 5 Agricultural Machinery Mechanics 5/ Level 2		/Y	VO	1.0	
8103430	AG MACH MECH 6 Agricultural Machinery Mechanics 6/ Level 2		/Y	VO	1.0	
A010240	AG MACH MECH Agricultural Machinery Mechanics	30,31 /		VO		AGRI @2      AGRICULTUR 1 @2      AGRICULTUR @7 G
AOM0330	AGRI EQUIP OP 1 Agricultural Equipment Operator 1		/Y	O	0	
AOM0331	AGRI EQUIP OP 2 Agricultural Equipment Operator 2		/Y	O	0	
AOM0339	AGRI MACH MECH Agricultural Machinery Mechanics		/Y	O	0	
8103200	AG MACHI OPS Agricultural Machinery Operations	9-12,30,31 /				AGRI MECH #7      AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 2		/Y	SC	1.0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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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	
A010204	AG MACH OPS Agricultural Machinery Operations	30,31	/			AGRI @2 AGRICULTUR 1 @2 AGRI MECH @7 G
AOM0330	AGRI EQUIP OP 1 Agricultural Equipment Operator 1		/Y	O	0	
AOM0311	AGRI MACH OP Agricultural Machinery Operator		/Y	O	0	
8103300	DIV AG MECH Diversified Agricultural Mechanics	9-12,30,31	/			AGRI MECH #7 AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 2		/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	
A010203	DIV AG MECH Diversified Agricultural Mechanics	30,31	/			AGRI @2 AGRICULTUR 1 @2 AGRI MECH @7 G
AOM0330	AGRI EQUIP OP 1 Agricultural Equipment Operator 1		/Y	O	0	
AOM0338	FARM EQUIP MECH Farm Equipment Mechanics		/Y	O	0	
A020608	TURF EQ TECH-ATD Turf Equipment Technology-ATD	30,31	/			
SER0004	OUTDR POWER EQUIP 1 Outdoor Power Equipment and Other S mall Engine Mechanics 1		/Y	O	0	
SER0005	OUTDR POWER EQUIP 2 Outdoor Power Equipment and Other Small Engine Mechanics 2		/Y	O	0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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SER0006	OUTDR POWER EQUIP 3 Outdoor Power Equipment and Other Small Engine Mechanics 3		/Y	O	0	
EA600100	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		/Y	O	0	
EVS0241	WATER SYS OP LEVEL 2 Water System Operator Level 2		/Y	O	0	
EVS0242	WATER SYS OP LEVEL 1 Water System Operator Level 1		/Y	O	0	
NATURAL RESOURCES SYSTEMS CAREER PATH (AGPE)						
8118300	FORESTRY Forestry	9-12,30,31	/			FORESTRY #7 AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 2		/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	
A010314	FORESTRY Forestry	30,31	/			FORESTRY @7 G AGRI @2
FOR0030	FOR & CONSERV WKR Forest and Conservation Workers		/Y	O	0	
FOR0013	FOR & CONSERV TECH Forest and Conservation Technicians - Forestry		/Y	O	0	
8112100	NAT RES Natural Resources	9-12,30,31	/			FORESTRY #7 AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 2		/Y	SC	1.0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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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	
8112110	NAT RES 4 Natural Resources 4/Level 2		/Y	VO	1.0	
A010301	NAT RES Natural Resources	30,31	/			AGRI @2 FORESTRY @7 G AGRI RES @7 G AGRICULTUR 1 @2
FOR0030	FOR & CONSERV WKR Forest and Conservation Workers		/Y	O	0	
FOR0014	FOR & CONSER TECH NR Forest and Conservation Technicians - Natural Resources		/Y	O	0	
A020408	PEST CON OPS-ATD Pest Control Operations-ATD	30,31	/			
ORH0867	PESTICIDE HANDLERS 1 Pesticide Handlers, Sprayers and Applicators, Vegetation 1		/Y	O	0	
ORH0868	PESTICIDE HANDLERS 2 Pesticide Handlers, Sprayers and Applicators, Vegetation 2		/Y	O	0	
8006100	SOLAR ENERGY TECH Solar Energy Technology	9-12,30,31	/			SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8006110	ENERGY FOUNDATIONS Energy Foundations/Level 3		/Y	VO	1	
8006120	INTRO TO ALT ENERGY Introduction to Alternative Energy/ Level 3		/Y	VO	1	
8006130	SOLAR ENERGY TECH Solar Energy Technician/Level 3		/Y	VO	1	
8A600200	SOLAR ENERGY TECH Solar Energy Technology	30,31	/			SEE CURRICM FRAMEWORK FOR SPECIFIC VOC COVERAGE
8EEV0200	SOLAR ENERGY TECH Solar Energy Technician		/	VO	0.0	

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----- ENVIRONMENTAL SERVICE SYSTEMS CAREER PATH (AGPF) -----						
P150509	ADV WATER TRTMT TECH Advanced Water Treatment Technologies	30,31 /		WSP OPER	@7	G
EVS0355	MEMB WTR TREAT SPEC Membrane Water Treatment Specialist	/Y	O		0	
EVS0357	HIGH PUR WTR TR SPEC High Purity Water Treatment Specialist	/Y	O		0	
8914000	AIR QUALITY TECH Air Quality Technology	9-12,30,31 /		AGRICULTUR BIOLOGY	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 /		AGRICULTUR	1 @2	
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 2	/Y	SC		1.0	
8106850	AG BIOTECH 2 Agriculture 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	
<sup>a</sup> A010313	ENVIR RES Environmental Resources	30,31 /		VOC AGRI AGRI RES	@2 @7	G AGRICULTUR 1 @2
EVS0158	ENV SCI & PRO TECH 1 Environmental Science and Protection Technicians 1	/Y	O		0	
EVS0159	ENV SCI & PRO TECH 2 Environmental Science and Protection Technicians 2	/Y	O		0	
8913000	LAND RES TECH Land Resources Technology	9-12,30,31 /		WSP OPER BIOLOGY	@7 1	G AGRICULTUR 1 @2

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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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	WASTE DIS OPERAT Solid Waste Disposal Operation	30,31	/			WASTE MGMT G WSP OPER @7 G
EVS0055	LANDFILL MANAGERS Landfill Managers		/Y	O	0	
P150527	WSTWTR TRTMT TECHS Wastewater Treatment Technologies	30,31	/			WSP OPER @7 G
EVS0333	WSTWTR TREAT PL OP,C Wastewater Treatment Plant Operator, Level "C"		/Y	O	0	
EVS0343	WSTWTR TREAT PL OP,B Wastewater Treatment Plant Operator, Level "B"		/Y	O	0	
EVS0350	WSTWTR TREAT PL OP,A Wastewater Treatment Plant Operator, Level "A"		/Y	O	0	
8916000	WATER RESOURCES TECH Water Resources Technology	9-12,30,31	/			WSP OPER @7 G AGRICULTUR 1 @2 BIOLOGY 1
8913010	INTROD ENVIR TECH Introduction to Environmental Technology/Level 2		/Y	VO	1.0	
8913020	ENVIR TECH 2 Environmental Technology 2/Level 2		/Y	VO	1.0	
8916010	WATER QUALITY RES 3 Water Quality Resources 3/Level 3		/Y	VO	1.0	
8916020	WATER QUALITY RES 4 Water Quality Resources 4/Level 3		/Y	VO	1.0	
P150507	WATER TRTMT TECH Water Treatment Technologies	30,31	/			WSP OPER @7 G
EVS0133	WTR TREAT PL OP, C Water Treatment Plant Operator, Level "C"		/Y	O	0	

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
EVS0143	WTR TREAT PL OP, B Water Treatment Plant Operator, Level "B"	/Y	O	0	
EVS0153	WTR TREAT PL OP, A Water Treatment Plant Operator, Level "A"	/Y	O	0	
----- AGRIBUSINESS SYSTEMS CAREER PATH (AGPG) -----					
8116000	AG SALES & SERS Agricultural Sales and Services	9-12,30,31 /			AGRICULTUR 1 @2 ANY AGRICULTURE EDUC G
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 2	/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	
<sup>a</sup> A010500	AG SALES & SERS Agricultural Sales and Services	30,31 /			AGRI @2 ANY AGRICULTURE EDUC G
AEB0000	PURCH AGT & BUY, FAR Purchasing Agents and Buyers, Farm Products	/Y	O	0	
8106800	AGRITECH Agritechnology	9-12,30,31 /			AGRI PROD #7 AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 2	/Y	SC	1.0	
8106820	AGRITECH 1 Agritechnology 1/Level 2	/Y	VO	1.0	
8106830	AGRITECH 2 Agritechnology 2/Level 2	/Y	VO	1.0	
----- SUPPLEMENTAL PROGRAMS -----					
8100330	ADV CONCS AGSCI Advanced Concepts of Agriscience/ Level 2	11-12,30,31/Y	VO	1.0	AGRICULTUR 1 @2

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
<sup>a</sup> 8100410	AGRIBUS COOP ED @AGRICULT COOP ED-OJT <sup>a</sup> Agribusiness Cooperative Education- OJT @Agriculture Cooperative Ed-OJT	9-12,30,31 /M	VO MC		AGRICULTUR 1 @2 ANY AGRICULTURE EDUC G
A019999	<sup>a</sup> AGRIBUSINESS COOP ED @AGRICUL COOP ED-OJT <sup>a</sup> Agribusiness Cooperative Education- OJT @Agriculture Cooperative Ed-OJT	30,31 /			AGRI @2 AGRICULTUR 1 @2 ANY AGRICULTURE EDUC G
8199990	AGRIBUS ED TRAN Agribusiness Education Transfer	9-12,30,31 /			NA
A010000	AGRIBUS ED TRANSFER Agribusiness Education Transfer	30,31 /			NA
8100100	AG ED DIR STUDY Agriculture Education Directed Study	11-12,30,31/M	VO MC		AGRICULTUR 1 @2 ANY AGRICULTURE EDUC G
8100210	EX OF AGRISCI Exploration of Agriscience	6-9,30,31 /S	VO	0.5	EXP AG @4 AGRICULTUR 1 @2
8100320	FUND AGSCI Fundamentals of Agriscience/Level 2	9-12,30,31 /Y	VO	1.0	AGRICULTUR 1 @2
8100120	INTROD TO AGSCI Introduction to Agriscience	6-9,30,31 /S	VO	0.5	EXP AG @4 AGRICULTUR 1 @2
8100310	ORIEN TO AGSCI Orientation to Agriscience	6-9,30,31 /S	VO	0.5	EXP AG @4 AGRICULTUR 1 @2
8100110	ORIEN TO AGSCI & C P Orientation to Agriscience and Career Planning	6-9,30,31 /S	VO	0.5	EXP AG @4 AGRICULTUR 1 @2

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ARCHITECTURE & CONSTRUCTION CAREER CLUSTER

DESIGN/PRE-CONSTRUCTION CAREER PATH (ACPA)  
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8725400	ARCH DRAFT Architectural Drafting	9-12,30,31 /			BLDG CONST @7 G TEC DRAFT @7 G	DRAFTING @7 G TEC CONSTR @7 G
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## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8725010	DRAFTING 1 Drafting 1/Level 2	/Y	PA	1.0	
8725020	DRAFTING 2 Drafting 2/Level 2	/Y	PA	1.0	
8725030	DRAFTING 3 Drafting 3/Level 3	/Y	PA	1.0	
8725040	DRAFTING 4 Drafting 4/Level 3	/Y	PA	1.0	
8725450	ARCH DRAFTING 5 Architectural Drafting 5/Level 3	/Y	PA	1.0	
8725460	ARCH DRAFTING 6 Architectural Drafting 6/Level 3	/Y	PA	1.0	
8725470	ARCH DRAFTING 7 Architectural Drafting 7/Level 3	/Y	PA	1.0	
8725480	ARCH DRAFTING 8 Architectural Drafting 8/Level 3	/Y	PA	1.0	
8725490	ARCH DRAFTING 9 Architectural Drafting 9/Level 3	/Y	PA	1.0	
8725491	ARCH DRAFTING 10 Architectural Drafting 10/Level 3	/Y	PA	1.0	
8725492	ARCH DRAFTING 11 Architectural Drafting 11/Level 3	/Y	PA	1.0	
8725493	ARCH DRAFTING 12 Architectural Drafting 12/Level 3	/Y	PA	1.0	
8725494	ARCH DRAFTING 13 Architectural Drafting 13/Level 3	/Y	PA	1.0	
I480112	ARCH DRAFTING Architectural Drafting	30, 31	/		DRAFTING @7 G GRAPH ARTS 4
TDR0070	BLUEPRINT READER Blueprint Reader	/Y	O	0	
TDR0370	DRAFTING ASST Drafting Assistant	/Y	O	0	
TDR0371	ARCH DETAILER Architectural Detailer	/Y	O	0	
TDR0571	ARCH CAD DRAFTER 1 Architectural CAD Drafter (1 of 2)	/Y	O	0	
TDR0572	ARCH CAD DRAFTER 2 Architectural CAD Drafter (2 of 2)	/Y	O	0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
TDR0573	DRAFTER ARCH 1 Drafter Architectural (1 of 2)	/Y	O	0	
TDR0574	DRAFTER ARCH 2 Drafter Architectural (2 of 2)	/Y	O	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 1 Blueprint Reading and Estimation 1/ 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	O	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 INDUS ARTS @4 CARPENTRY @7 G ROOFING @7 G TROWEL TR @7 G ELECTRICAL @7 G BLDG CONST @7 G SHEETMETAL @7 G TEC CONSTR @7 G TEC DRAFT @7 G
8722010	BLDG TR & CDT 1 Building Trades and Construction Design Technology 1	/	VO	1.0	
8722020	BLDG TR & CDT 2 Building Trades and Construction Design Technology 2	/	VO	1.0	
8722030	BLDG TR & CDT 3 Building Trades and Construction Design Technology 3	/	VO	1.0	
8722040	BLDG TR & CDT 4 Building Trades and Construction Design Technology 4	/	VO	1.0	
8722050	BLDG TR & CDT 5 Building Trades and Construction Design Technology 5	/	VO	1.0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8722060	BLDG TR & CDT 6 Building Trades and Construction Design Technology 6	/	VO	1.0	
αC100100	BLDG TR & CONST DSN Building Trades and Construction Design Technology	30,31 /			BLDG MAINT @7 G TROWEL TR @7 G PLUMBING @7 G ELECTRICAL @7 G AC HEAT ME @7 G BLDG CONST @7 G DRAFTING @7 G SHEETMETAL @7 G INDUS ARTS @4 TEC CONSTR @7 G CARPENTRY @7 G TEC DRAFT @7 G ROOFING @7 G
αBCV0080	BLDG CONSTR ASST Building Construction Assistant	/	VO	0.0	
αBCV0081	CARP & MASONRY TECH Carpentry and Masonry Technician	/	VO	0.0	
αBCV0082	ELEC & PLUMBING TECH Electrical and Plumbing Technician	/	VO	0.0	
αBCV0083	AIR COND & PAINT TEC Air Conditioning and Painting Technician	/	VO	0.0	
8915000	CIVIL ENGR AIDE Civil Engineering Aide	9-12,30,31 /			TEC CONSTR @7 G SURVEY @7 G TEC EN AID @7 G
8915010	CIVIL ENGR AIDE 1 Civil Engineering Aide 1/Level 2	/Y	VO	1.0	
8915020	CIVIL ENGR AIDE 2 Civil Engineering Aide 2/Level 2	/Y	VO	1.0	
8915030	CIVIL ENGR AIDE 3 Civil Engineering Aide 3/Level 2	/Y	VO	1.0	
8915040	CIVIL ENGR AIDE 4 Civil Engineering Aide 4/Level 2	/Y	VO	1.0	
8725000	DRAFTING Drafting	9-12,30,31 /			BLDG CONST @7 G TEC DRAFT @7 G DRAFTING @7 G TEC CONSTR @7 G
8725010	DRAFTING 1 Drafting 1/Level 2	/Y	PA	1.0	
8725020	DRAFTING 2 Drafting 2/Level 2	/Y	PA	1.0	
8725030	DRAFTING 3 Drafting 3/Level 3	/Y	PA	1.0	
8725040	DRAFTING 4 Drafting 4/Level 3	/Y	PA	1.0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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		
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		
I480114	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	O	0		
TDR0370	DRAFTING ASST Drafting Assistant	/Y	O	0		
TDR0661	DRAFTER, ELECT 1 Drafter, Electrical (1 of 2)	/Y	O	0		
TDR0662	DRAFTER, ELECT 2 Drafter, Electrical (2 of 2)	/Y	O	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		

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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	
I480115	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 O	0	
TDR0370	DRAFTING ASST Drafting Assistant		/Y O	0	
TDR0671	DRAFTER, ELECTR 1 Drafter, Electronics (1 of 2)		/Y O	0	
TDR0672	DRAFTER, ELECTR 2 Drafter, Electronics (2 of 2)		/Y O	0	
8725300	MECHANICAL DRAFT Mechanical Drafting	9-12,30,31	/		BLDG CONST @7 G TEC DRAFT @7 G DRAFTING @7 G TEC CONSTR @7 G
8725010	DRAFTING 1 Drafting 1/Level 2		/Y PA	1.0	
8725020	DRAFTING 2 Drafting 2/Level 2		/Y PA	1.0	
8725030	DRAFTING 3 Drafting 3/Level 3		/Y PA	1.0	
8725040	DRAFTING 4 Drafting 4/Level 3		/Y PA	1.0	
8725310	MECHANICAL DRAFT 5 Mechanical Drafting 5/Level 2		/Y PA	1.0	
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	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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	
I480116	MECH DRAFTING Mechanical Drafting	30,31	/		DRAFTING @7 G TEC DRAFT @7 G BLDG CONST @7 G TEC CONSTR @7 G
TDR0070	BLUEPRINT READER Blueprint Reader		/Y O	0	
TDR0370	DRAFTING ASST Drafting Assistant		/Y O	0	
TDR0770	DRAFTING DETAILER Drafting Detailer		/Y O	0	
TDR0771	MECH CAD DRAFTER 1 Mechanical CAD Drafter (1 of 2)		/Y O	0	
TDR0772	MECH CAD DRAFTER 2 Mechanical CAD Drafter (2 of 2)		/Y O	0	
TDR0773	DRAFTER, MECH 1 Drafter, Mechanical (1 of 2)		/Y O	0	
TDR0774	DRAFTER, MECH 2 Drafter, Mechanical (2 of 2)		/Y O	0	
8725500	STRUCT DRAFT Structural Drafting	9-12,30,31	/ VO		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	
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	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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	
I480113	STRUCTURAL DRAFTING Structural Drafting	30,31	/			DRAFTING @7 G TEC DRAFT @7 G BLDG CONST @7 G TEC CONSTR @7 G
TDR0070	BLUEPRINT READER Blueprint Reader		/Y	O	0	
TDR0370	DRAFTING ASST Drafting Assistant		/Y	O	0	
TDR0870	DRAFTER, CARTOGRAPH Drafter, Cartographic		/Y	O	0	
TDR0871	DRAFTER, CIVIL 1 Drafter, Civil (1 of 2)		/Y	O	0	
TDR0872	DRAFTER, CIVIL 2 Drafter, Civil (2 of 2)		/Y	O	0	
TDR0873	DRAFTER, STRUCTURAL Drafter, Structural		/Y	O	0	
I150203	SURVEY & MAP TECH Surveying and Mapping Technology	30,31	/			TEC CONSTR ¶7 ¶G SURVEY @7 G
SUR0130	SURVEYING RODMAN Surveying Rodman		/Y	O	0	
SUR0132	SURVEY ASST, INSTRU Survey Assistant, Instrument		/Y	O	0	
SUR0134	SURVEY PARTY CHIEF Survey Party Chief		/Y	O	0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
----- 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(PS Air Conditioning, Refrigeration and Heating Technology (Postsecondary)	30,31 /		AC HEAT ME @7 G		REFRG MECH @7 G
ACR0041	AC, REFG & HEAT HELP Air Conditioning, Refrigeration and Heating Helper		/Y	O	0	
ACR0043	AC, REFG & HEAT MECH Air Conditioning, Refrigeration and Heating Mechanic Assistant		/Y	O	0	
ACR0047	AC,REFG & HEAT MECH1 Air Conditioning, Refrigeration and Heating Mechanic (1 of 2)		/Y	O	0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/

COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
ACR0049	AC,REFG & HEAT MECH2 Air Conditioning, Refrigeration and Heating Mechanic (2 of 2)		/Y O	0	
ACR0044	AC, REFG & HEAT TECH Air Conditioning, Refrigeration and Heating Technician		/Y O	0	
<sup>a</sup> I14721R	AC,REFG &HT TECH-APP Air Conditioning, Refrigeration and Heating Technology - Apprenticeship	30,31	/		
<sup>o</sup> C400100	AIR COND,REF,HEAT1 Air Conditioning, Refrigeration and Heating Technology 1 (PS)	30,31	/Y		AC HEAT ME @7 G REFRG MECH @7 G
ACR0041	AC, REFG & HEAT HELP Air Conditioning, Refrigeration and Heating Helper		/Y O	0	
ACR0043	AC, REFG & HEAT MECH Air Conditioning, Refrigeration and Heating Mechanic Assistant		/Y O	0	
ACR0047	AC,REFG & HEAT MECH1 Air Conditioning, Refrigeration and Heating Mechanic (1 of 2)		/Y O	0	
<sup>o</sup> C400200	AIR COND,REF,HEAT2 Air Conditioning, Refrigeration and Heating Technology 2 (PS)	30,31	/Y		AC HEAT ME @7 G REFRG MECH @7 G
ACR0049	AC,REFG & HEAT MECH2 Air Conditioning, Refrigeration and Heating Mechanic (2 of 2)		/Y O	0	
ACR0044	AC, REFG & HEAT TECH Air Conditioning, Refrigeration and Heating Technician		/Y O	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	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8722630	MASONRY 3 Masonry 3/Level 2		/Y	VO	1.0	
8722640	MASONRY 4 Masonry 4/Level 2		/Y	VO	1.0	
8722650	MASONRY 5 Masonry 5/Level 2		/Y	VO	1.0	
I463112	BRK & BLK MASONRY Brick and Block Masonry	30,31	/			BLDG CONST ¶17 ¶1G TROWEL TR @7 G TEC CONSTR ¶17 ¶1G
BCV0330	MASONRY TENDER Masonry Tender		/Y	O	0	
BCV0360	BRICKLAYER HELPER Bricklayer Helper		/Y	O	0	
BCV0362	BRICKMASON (1 of 2) Brickmason (1 of 2)		/Y	O	0	
BCV0363	BRICKMASON (2 of 2) Brickmason (2 of 2)		/Y	O	0	
I46311R	BRK & BLK MAS - APPR Brick and Block Masonry - Apprenticeship	30,31	/			
I46312R	BRK & TILE MASON-APPR Brick and Tile Masonry - Apprentice ship	30,31	/			
8720300	BLDG CONST TECHS Building Construction Technologies	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 BLDG MAINT @7 G CARPENTRY @7 G DRAFTING @7 G SHEETMETAL @7 G TEC DRAFT @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	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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	
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	
I460401	BLDG CONST TECHS Building Construction Technologies	30,31	/		BLDG CONST @7 G TROWEL TR @7 G PLUMBIN @7 G ELECTRICAL @7 G AC HEAT ME @7 G TEC CONSTR @7 G 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 O	0	
BCV0401	BLDG CONST TECH 1 Building Construction Technician (1 of 2)		/Y O	0	
BCV0402	BLDG CONST TECH 2 Building Construction Technician (2 of 2)		/Y O	0	
I46040R	BLDG CONST TECH-APPR Building Construction Technologies - Apprenticeship	30,31	/		
8720100	CABINETMAKING Cabinetmaking	9-12,30,31	/		CAB WOODWK @7 G BLDG CONST @7 G 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	CABINETMAKING 4 Cabinetmaking 4/Level 2		/Y VO	1.0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8720150	CABINETMAKING 5 Cabinetmaking 5/Level 2		/Y VO	1.0	
I480704	CABINETMAKING Cabinetmaking	30,31	/		CAB WOODWK @7 G BLDG CONST @7 G CARPENTRY @7 G TEC CONSTR @7 G
BCV0107	CARPENTER HELPER Carpenter Helper		/Y	0	
BCV0235	CABINET FINISHER Cabinet Finisher		/Y O	0	
BCV0240	CABINET ASSEMBLER Cabinet Assembler		/Y O	0	
BCV0243	CABINETMAKER Cabinetmaker		/Y O	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	
8722120	CARP & CAB MAKING 2 Carpentry and Cabinetmaking 2/Level 2		/Y VO	1.0	
8722130	CARP & CAB MAKING 3 Carpentry and Cabinetmaking 3/Level 3		/Y VO	1.0	
8722140	CARP 4 Carpentry 4/Level 3		/Y VO	1.0	
8722150	CARP 5 Carpentry 5/Level 3		/Y VO	1.0	
8722160	CARP 6 Carpentry 6/Level 3		/Y VO	1.0	
8722170	CARP 7 Carpentry 7/Level 3		/Y VO	1.0	
I460202	CARPENTRY Carpentry	30,31	/		CAB WOODWK @7 G BLDG CONST @7 G CARPENTRY @7 G TEC CONSTR @7 G
BCV0107	CARPENTER HELPER Carpenter Helper		/Y	0	
BCV0111	TRIM & FINISH CARP Trim and Finish Carpenter		/Y	0	
BCV0122	CARPENTER (ROUGH) Carpenter (Rough)		/Y	0	
BCV0128	CARPENTER Carpenter		/Y	0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
I46020R	CARPENTRY - APPR Carpentry - Apprenticeship	30,31	/		
αC510100	CARPENTRY 1 Carpentry 1	30,31	/Y		CAB WOODWK @7 G BLDG CONST @7 G CARPENTRY @7 G TEC CONSTR @7 G
BCV0107	CARPENTER HELPER Carpenter Helper		/Y	0	
BCV0111	TRIM & FINISH CARP Trim and Finish Carpenter		/Y	0	
αC510200	CARPENTRY 2 Carpentry 2	30,31	/Y		CAB WOODWK @7 G BLDG CONST @7 G CARPENTRY @7 G TEC CONSTR @7 G
BCV0122	CARPENTER (ROUGH) Carpenter (Rough)		/Y	0	
BCV0128	CARPENTER Carpenter		/Y	0	
I460407	CMCL & INDUS INSUL Commercial and Industrial Insulation	30,31	/		TEC CONSTR ¶7 ¶G INSULAT @7 G BLDG CONST ¶7 ¶G
BCV0190	INSULATION WORKER 1 Insulation Worker (1 of 3)		/Y	0	0
BCV0191	INSULATION WORKER 2 Insulation Worker (2 of 3)		/Y	0	0
BCV0192	INSULATION WORKER 3 Insulation Worker (3 of 3)		/Y	0	0
I46042R	CMCL&INDUSINSUL-APPR Commercial and Industrial Insulation - Apprenticeship	30,31	/		
8722600	CONCRETE MASONRY Concrete Masonry	9-12,30,31	/		BLDG CONST ¶7 ¶G TROWEL TR @7 G TEC CONSTR ¶7 ¶G
8722610	MASONRY 1 Masonry 1/Level 2		/Y	VO	1.0
8722620	MASONRY 2 Masonry 2/Level 2		/Y	VO	1.0
8722630	MASONRY 3 Masonry 3/Level 2		/Y	VO	1.0
8722640	MASONRY 4 Masonry 4/Level 2		/Y	VO	1.0
8722650	MASONRY 5 Masonry 5/Level 2		/Y	VO	1.0
8722660	MASONRY 6 Masonry 6/Level 2		/Y	VO	1.0

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS CREDIT CERTIFICATION				
I463113	CONCRETE MASONRY Concrete Masonry	30,31	/			BLDG CONST ¶7 ¶G TROWEL TR @7 G	TEC CONSTR ¶7 ¶G
BCV0330	MASONRY TENDER Masonry Tender		/Y	O	0		
BCV0360	BRICKLAYER HELPER Bricklayer Helper		/Y	O	0		
BCV0300	CONCRETE FINISHER Concrete Finisher		/Y	O	0		
I460404	DRYWALL INSTAL Drywall Installation	30,31	/			TEC CONSTR ¶7 ¶G DRYWALL @7 G	BLDG CONST ¶7 ¶G
BCV0186	DRYWALL INSTALLER 1 Drywall Installer (1 of 2)		/Y	O	0		
BCV0187	DRYWALL INSTALLER 2 Drywall Installer (2 of 2)		/Y	O	0		
I460314	ELECTRICIAN Electrician	30,31	/			ELECTRICAL @7 G	
BCV0603	ELECTRICIAN HELPER Electrician Helper		/Y	O	0		
BCV0640	RES ELECTRICIAN Residential Electrician		/Y	O	0		
BCV0652	COMM ELECTRICIAN Commercial Electrician		/Y	O	0		
BCV0667	INDUST ELECTRICIAN Industrial Electrician		/Y	O	0		
I46032R	ELECTRICIAN - APPR Electrician - Apprenticeship	30,31	/				
8727200	ELECTRICITY Electricity	9-12,30,31	/			ELECTRICAL @7 G	
8727210	ELECTRICITY 1 Electricity 1/Level 2		/Y	VO	1.0		
8727220	ELECTRICITY 2 Electricity 2/Level 2		/Y	VO	1.0		
8727230	ELECTRICITY 3 Electricity 3/Level 3		/Y	VO	1.0		
8727240	ELECTRICITY 4 Electricity 4/Level 3		/Y	VO	1.0		
8727250	ELECTRICITY 5 Electricity 5/Level 3		/Y	VO	1.0		

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8727260	ELECTRICITY 6 Electricity 6/Level 3		/Y VO	1.0	
8727270	ELECTRICITY 7 Electricity 7/Level 3		/Y VO	1.0	
8727280	ELECTRICITY 8 Electricity 8/Level 3		/Y VO	1.0	
I460312	ELECTRICITY Electricity	30,31	/		ELECTRICAL @7 G
BCV0603	ELECTRICIAN HELPER Electrician Helper		/Y O	0	
BCV0640	RES ELECTRICIAN Residential Electrician		/Y O	0	
BCV0652	COMM ELECTRICIAN Commercial Electrician		/Y O	0	
αC60010R	ELEV CONST MECH-APPR Elevator Constructor Mechanic - Apprenticeship	9-12,30,31	/		ELEVR CONSTR
8721800	FIRE SPRI SYS TECH Fire Sprinkler System Technology	9-12,30,31	/ VO		PLUMBIN @7 G TEC CONSTR ¶7 ¶G
8721610	PLUMBING TECH 1 Plumbing Technology 1/Level 2		/Y VO	1.0	
8721620	PLUMBING TECH 2 Plumbing Technology 2/Level 2		/Y VO	1.0	
8721830	FIRE SPRI SYS TECH 3 Fire Sprinkler System Technology 3/ Level 2		/Y VO	1.0	
8721840	FIRE SPRI SYS TECH 4 Fire Sprinkler System Technology 4/ Level 2		/Y VO	1.0	
8721850	FIRE SPRI SYS TECH 5 Fire Sprinkler System Technology 5/ Level 2		/Y VO	1.0	
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	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS			CREDIT	CERTIFICATION	
I460512	FIRE SPRI SYS TECH Fire Sprinkler System Technology	30,31	/				PLUMBIN @7 G TEC CONSTR ¶7 ¶G	BLDG CONST ¶7 ¶G
BCV0565	FIRE SPRINK INST HLP Fire Sprinkler Installer, Helper		/Y	O	0			
BCV0566	FIRE SPRINK SYS IN 1 Fire Sprinkler System Installer (1 of 2)		/Y	O	0			
BCV0567	FIRE SPRINK SYS IN 2 Fire Sprinkler System Installer (2 of 2)		/Y	O	0			
I46051R	FIRE SPRI SYSS-APPR Fire Sprinkler System Technology- Apprenticeship	30,31	/					
<sup>a</sup> 8721400	FLOOR COVER INSTAL Floor Covering Installation	9-12,30,31	/				TEC CONSTR ¶7 ¶G FLOORING @7 G	BLDG CONST ¶7 ¶G
8721410	FLOOR COVER INSTAL 1 Floor Covering Installation 1/Level 2		/Y	VO	1.0			
8721420	FLOOR COVER INSTAL 2 Floor Covering Installation 2/Level 2		/Y	VO	1.0			
8721430	FLOOR COVER INSTAL 3 Floor Covering Installation 3/Level 2		/Y	VO	1.0			
<sup>a</sup> I460405	FLOOR COVER INSTAL Floor Covering Installation	30,31	/				TEC CONSTR ¶7 ¶G FLOORING @7 G	BLDG CONST ¶7 ¶G
BCV0168	FLOOR COVER INSTALL Floor Covering Installer		/Y	O	0			
<sup>a</sup> I460406	GLAZING Glazing	30,31	/				TEC CONSTR ¶7 ¶G GLAZIER @7 G	BLDG CONST ¶7 ¶G
BCV0396	GLAZIER Glazier		/Y	O	0			
I46041R	GLAZING - APPR Glazing - Apprenticeship	30,31	/					
8706300	INDUS ELECTR Industrial Electricity	9-12,30-31	/				ELECTRICAL @7 G	
8706310	INDUS ELECTR 1 Industrial Electricity 1/Level 2		/Y	VO	1.0			
8706320	INDUS ELECTR 2 Industrial Electricity 2/Level 2		/Y	VO	1.0			
8706330	INDUS ELECTR 3 Industrial Electricity 3/Level 2		/Y	VO	1.0			

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8706340	INDUS ELECTR 4 Industrial Electricity 4/Level 2		/Y VO	1.0	
8706350	INDUS ELECTR 5 Industrial Electricity 5/Level 2		/Y VO	1.0	
8706360	INDUS ELECTR 6 Industrial Electricity 6/Level 2		/Y VO	1.0	
I460313	INDUS ELECTR Industrial Electricity	30,31	/		ELECTRICAL @7 G
BCV0603	ELECTRICIAN HELPER Electrician Helper		/Y O	0	
BCV0667	INDUST ELECTRICIAN Industrial Electrician		/Y O	0	
BCV0666	ELECTRICAL TECH Electrical Technician		/Y O	0	
I460514	INDUS PIPEFITTER Industrial Pipefitter	30,31	/		PLUMBIN @7 G TEC CONSTR ¶7 ¶G
BCV0568	INDUST PIPEFIT HLP 1 Industrial Pipefitter Helper 1		/Y O	0	
BCV0569	INDUST PIPEFITTER Industrial Pipefitter		/Y O	0	
I46053R	INDUS PIPEFIT-APPR Industrial Pipefitter - Apprenticeship	30,31	/		
8721500	PAINT & DECORATING Painting and Decorating	9-12,30,31	/		TEC CONSTR ¶7 ùG PAINTING @7 G
8721510	PAINTING 1 Painting 1/Level 2		/Y VO	1.0	
8721520	PAINTING 2 Painting 2/Level 2		/Y VO	1.0	
8721530	PAINT & DECORATING 3 Painting and Decorating 3/Level 2		/Y 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
BCV0164	PAINT & PAPER HANG 1 Painter and Paper Hanger (1 of 2)		/Y O	0	
BCV0165	PAINT & PAPER HANG 2 Painter and Paper Hanger (2 of 2)		/Y O	0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS			CREDIT	CERTIFICATION
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	O		0		
I46044R	PLASTERING - APPR Plastering - Apprenticeship	30,31 /					
8721600	PLUMBING TECH Plumbing Technology	9-12,30,31 /	VO			PLUMBIN @7 G TEC CONSTR ¶7 ¶G	BLDG CONST ¶7 ¶G
8721610	PLUMBING TECH 1 Plumbing Technology 1/Level 2	/Y	VO		1.0		
8721620	PLUMBING TECH 2 Plumbing Technology 2/Level 2	/Y	VO		1.0		
8721630	PLUMBING TECH 3 Plumbing Technology 3/Level 2	/Y	VO		1.0		
8721640	PLUMBING TECH 4 Plumbing Technology 4/Level 2	/Y	VO		1.0		
8721650	PLUMBING TECH 5 Plumbing Technology 5/Level 2	/Y	VO		1.0		
8721660	PLUMBING TECH 6 Plumbing Technology 6/Level 2	/Y	VO		1.0		
8721670	PLUMBING TECH 7 Plumbing Technology 7/Level 2	/Y	VO		1.0		
I460513	PLUMBING TECHNOLOGY Plumbing Technology	30,31 /				PLUMBIN @7 G TEC CONSTR ¶7 ¶G	BLDG CONST ¶7 ¶G
BCV0508	HLP, PLUMB, PIPEFIT Helper, Plumber, Pipefitter	/Y	O		0		
BCV0540	RES PLUMBER Residential Plumber	/Y	O		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
BCV0562	COMM PLUMBER Commercial Plumber		/Y	O	0
BCV0592	PLUMBER Plumber		/Y	O	0
I46052R	PLUMBING TECH-APPR Plumbing Technology - Apprenticeship	30,31	/		
I470202	REFG TECH Refrigeration Technology	30,31	/		AC HEAT ME @7 G REFRG MECH @7 G
ACR0041	AC, REFG & HEAT HELP Air Conditioning, Refrigeration and Heating Helper		/Y	O	0
ACR0043	AC, REFG & HEAT MECH Air Conditioning, Refrigeration and Heating Mechanic Assistant		/Y	O	0
ACR0047	AC,REFG & HEAT MECH1 Air Conditioning, Refrigeration and Heating Mechanic (1 of 2)		/Y	O	0
ACR0049	AC,REFG & HEAT MECH2 Air Conditioning, Refrigeration and Heating Mechanic (2 of 2)		/Y	O	0
ACR0045	REFRIGERATION MECH Refrigeration Mechanic		/Y	O	0
I460410	ROOFING Roofing	30,31	/		TEC CONSTR ¶7 ¶G ROOFING @7 G BLDG CONST ¶7 ¶G
BCV0144	ROOFER Roofer		/Y	O	0
I46045R	ROOFING - APPR Roofing - Apprenticeship	30,31	/Y		
¶8140300	SMART HOMES/MOB ELEC Smart Homes/Mobile Electronics	9-12,30,31	/		
¶8140310	SMART HOMES TECH 1 Smart Homes Technology 1, Level 2		/	VO	1.0
¶8140320	SMART HOMES TECH 2 Smart Homes Technology 2, Level 2		/	VO	1.0
¶8140330	SMART HOMES TECH 3 Smart Homes Technology 3, Level 2		/	VO	1.0
¶8140340	MOBILE ELECT TECH 4 Mobile Electronics Technology 4, Level 2		/	VO	1.0

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
□C400300	SMART HOMES/MOB ELEC Smart Homes/Mobile Electronics	30,31 /			
□EEV0710	INSTALLATION ASST. Installation Assistant	/	VO	0.0	
□EEV0711	LEVEL 1 INSTALLER Level 1 Installer	/	VO	0.0	
□EEV0712	LEVEL 2 INSTALLER Level 2 Installer	/	VO	0.0	
□EEV0713	MOBILE ELECT TECH Mobile Electronics Technician	/	VO	0.0	
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	O	0	
PMT0062	ORNAMENTAL STEEL WKR Ornamental Steel Worker	/Y	O	0	
PMT0063	CERT STRUCT STL WKR Certified Structural Steel Worker	/Y	O	0	
PMT0064	STRUCTURAL STEEL WKR Structural Steel Worker	/Y	O	0	
I48051R	STRUCT ST WK-APPR Structural Steel Worker - Apprenticeship	30,31 /			
ª8723100	TILE SETTING Tile Setting	9-12,30,31 /			TEC CONSTR ¶7 ¶G TILE SET @7 G BLDG CONST ¶7 ¶G
8723110	TILE SETTING 1 Tile Setting 1/Level 2	/Y	VO	1.0	
8723120	TILE SETTING 2 Tile Setting 2/Level 2	/Y	VO	1.0	
8723130	TILE SETTING 3 Tile Setting 3/Level 2	/Y	VO	1.0	
ªI460103	TILE SETTING Tile Setting	30, 31 /			TEC CONSTR ¶7 ¶G TILE SET @7 G BLDG CONST ¶7 ¶G
BCV0392	HARD TILE SETTER 1 Hard Tile Setter (1 of 2)	/Y	O	0	
BCV0393	HARD TILE SETTER 2 Hard Tile Setter (2 of 2)	/Y	O	0	
I46010R	TILE SETTING - APPR Tile Setting - Apprenticeship	30,31 /			

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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MAINTENANCE/OPERATIONS CAREER PATH (ACPC)  
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I460303	ELEC LINE SERV & REP Electric Line Service and Repair	30,31	/			ELECTRICAL @7 G TEC ELEC @7 G
EEV0151	ELECT POWERLINE INS Electrical Powerline Installer		/Y	O	0	
I46031R	Line Erector-APPR Line Erector - Apprenticeship	30,31	/Y			
I460499	ROADWAY TECH Roadway Technician	30,31	/			ROAD CONST G
ETC0590	TRANSPORT TECH I Transportation Technician I		/Y	O	0	
ETC0591	TRANSPORT TECH II Transportation Technician II		/Y	O	0	
I46049R	ROADWAY TECH-APPR Roadway Technician- Apprenticeship	30,31	/			
<sup>a</sup> 8720000	SWIM POOL MAINT Swimming Pool Maintenance	9-12,30-31	/			POOL MAINT @7 G
8725620	SWIM POOL MAINT 1 Swimming Pool Maintenance 1/Level 2		/Y	VO	1.0	
8725630	SWIM POOL MAINT 2 Swimming Pool Maintenance 2/Level 2		/Y	VO	1.0	
8725640	SWIM POOL MAINT 3 Swimming Pool Maintenance 3/Level 2		/Y	VO	1.0	
<sup>a</sup> I469939	SWIMMING POOL MAINT Swimming Pool Maintenance	30,31	/			POOL MAINT @7 G
EVS0016	SWIM POOL SERVICER Swimming Pool Servicer		/Y	O	0	
I46993R	SWIM POOL MAINT-APPR Swimming Pool Maintenance - Apprenticeship	30,31	/			

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SUPPLEMENTAL PROGRAMS  
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8700400	INDUS COOP ED-OJT Industrial Cooperative Education-OJT	9-12,30,31	/M	VO	MC	ANY INDUS ED G
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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER  
COURSES MEETING

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
I469999	INDUS COOP ED-OJT Industrial Cooperative Education-OJT	30,31 /			ANY INDUS ED G
8700100	INDUS ED DIR STUDY Industrial Education Directed Study	11-12,30,31/M	VO MC		ANY INDUS ED G
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)  
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8772300	DIG AUD PROD Digital Audio Production	9-12,30,31 /Y			TEC ELEC 7 G TEC ED @2 1	TV PRO TEC @7 G
8772310	DIG AUD PROD 1 Digital Audio Production 1/Level 2	/Y	PA	1.0		
8772320	DIG AUD PROD 2 Digital Audio Production 2/Level 2	/Y	PA	1.0		
8772330	DIG AUD PROD 3 Digital Audio Production 3/Level 2	/Y	PA	1.0		
8772340	DIG AUD PROD 4 Digital Audio Production 4/Level 2	/Y	PA	1.0		
8772350	DIG AUD PROD 5 Digital Audio Production 5/Level 2	/Y	PA	1.0		
8772360	DIG AUD PROD 6 Digital Audio Production 6/Level 2	/Y	PA	1.0		
8772370	DIG AUD PROD 7 Digital Audio Production 7/Level 2	/Y	PA	1.0		

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
I100230	DIG AUD PROD Digital Audio Production	30,31	/Y		TEC ELEC ¶7 ¶G TEC ED @2
RTT0522	BROADCAST ANNOUNCER Broadcast Announcer		/Y	0	
RTT0523	AUDIO EQUIP TECH Audio Equipment Technician		/Y	0	
RTT0524	SOUND ENGR TECH Sound Engineering Technician		/Y	0	
RTT0525	BROADCAST TECH Broadcast Technician		/Y	0	
8772400	DIG VID PROD Digital Video Production	9-12,30,31	/Y		TV PRO TEC @7 G TEC ED 1 @2
8772410	DIG VID PROD 1 Digital Video Production 1/Level 2		/Y	1.0	
8772420	DIG VID PROD 2 Digital Video Production 2/Level 2		/Y	1.0	
8772430	DIG VID PROD 3 Digital Video Production 3/Level 2		/Y	1.0	
8772440	DIG VID PROD 4 Digital Video Production 4/Level 2		/Y	1.0	
8772450	DIG VID PROD 5 Digital Video Production 5/Level 2		/Y	1.0	
8772460	DIG VID PROD 6 Digital Video Production 6/Level 2		/Y	1.0	
8772470	DIG VID PROD 7 Digital Video Production 7/Level 2		/Y	1.0	
8772480	DIG VID PROD 8 Digital Video Production 8/Level 2		/Y	1.0	
8772490	DIG VID PROD 9 Digital Video Production 9/Level 2		/Y	1.0	
8772491	DIG VID PROD 10 Digital Video Production 10/Level 2		/Y	1.0	
I100240	DIG VID PROD Digital Video Production	30,31	/Y		TV PRO TEC @7 G TEC ED 1 @2
RTT0530	DIG VIDEO FUND Digital Video Fundamentals		/Y	0	
RTT0531	AUD/VID EQUIP TECH Audio and Video Equipment Technician		/Y	0	

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
RTT0532	CAMERA OPERATOR Camera Operator		/Y O	0	
RTT0533	VIDEO EDITOR Video Editor		/Y O	0	
RTT0534	MM ARTIST & ANIMATOR Multi-media Artist and Animator		/Y O	0	
RTT0525	BROADCAST TECH Broadcast Technician		/Y O	0	
8772200	FILM PDCT EQ OPERAT Film Production Equipment Operation	9-12,30,31 /			TV PRO TEC @7 G TEC ELEC @7 G
8772210	FILM PDCT EQ OP 1 Film Production Equipment Operation 1/Level 2		/Y VO	1.0	
8772220	FILM PDCT EQ OP 2 Film Production Equipment Operation 2/Level 2		/Y VO	1.0	
8772230	FILM PDCT EQ OP 3 Film Production Equipment Operation 3/Level 2		/Y VO	1.0	
8772240	FILM PDCT EQ OP 4 Film Production Equipment Operation 4/Level 2		/Y VO	1.0	
8772250	FILM PDCT EQ OP 5 Film Production Equipment Operation 5/Level 2		/Y VO	1.0	
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	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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 O	0	
FIL0081	SOUND EQUIP OP Sound Equipment Operator		/Y O	0	
FIL0082	GRIPS & LIGHTING EQ Grips and Lighting Equipment Operator		/Y O	0	
FIL0083	EDITING EQUIP OP Editing Equipment Operator		/Y O	0	
FIL0084	CAMERA ASST Camera Assistant		/Y O	0	
8718100	3-D ANIMATION TECH 3-D Animation Technology	9-12,30,31	/		COMM ART @7 G BUS ED 1 @2 COMPU SCI @6 @2 COMM ART @7 G TV PRO TEC @7 G TEC ELEC \$7 G
8718110	3-D ANIMATION TECH 1 3-D Animation Technology 1/Level 2		/Y PA	1.0	
8718120	3-D ANIMATION TECH 2 3-D Animation Technology 2/Level 2		/Y PA	1.0	
8718130	3-D ANIMATION TECH 3 3-D Animation Technology 3/Level 2		/Y PA	1.0	
8718140	3-D ANIMATION TECH 4 3-D Animation Technology 4/Level 2		/Y PA	1.0	
8718150	3-D ANIMATION TECH 5 3-D Animation Technology 5/Level 2		/Y PA	1.0	
8718160	3-D ANIMATION TECH 6 3-D Animation Technology 6/Level 2		/Y PA	1.0	
8718170	3-D ANIMATION TECH 7 3-D Animation Technology 7/Level 2		/Y PA	1.0	
I480200	3-D ANIMATION TECH 3-D Animation Technology	30,31	/		COMM ART @7 G BUS ED 1 @2 COMPU SCI @6 @2 TV PRO TEC @7 G TEC ELEC \$7 G

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

## COURSES MEETING

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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DIG0060	3-D ANI PROD ASST 3-D Animation Production Assistant		/Y O	0	
DIG0061	MODELER Modeler		/Y O	0	
DIG0062	TEXTURE ARTIST/RIG Texture Artist/Rigger		/Y O	0	
DIG0063	ANI/MOTION CAP TECH Animation/Motion Capture Technician		/Y O	0	

## JOURNALISM &amp; BROADCASTING CAREER PATH (ARPB)

			CERTIFICATION BY COURSE		
			SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE		
<sup>a</sup> 8771100	JOURNALISM Journalism	9-12,30,31 /			
8771110	INDUS COMM Industrial Communications/Level 2		/Y PA	1.0	
1006300	JOURNALISM 1 Journalism 1/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	
I100114	RADIO BROADCASTING Radio Broadcasting	30,31 /			TEC ELEC ¶7 ¶G TV PRO TEC @7 G
RTT0502	RADIO BOARD OPERATOR Radio Board Operator		/Y O	0	
RTT0504	RADIO PROD ASST Radio Production Assistant		/Y O	0	
RTT0506	RADIO NEWS ASST Radio News Assistant		/Y O	0	
RTT0508	RADIO PRODUCER Radio Producer		/Y O	0	
RTT0510	BROADCAST NEWS ANAL Broadcast News Analyst		/Y O	0	
RTT0512	RADIO TRAFFIC CLERK Radio Traffic Clerk		/Y O	0	
8772100	TV PRODUCTION Television Production	9-12,30,31 /			TV PRO TEC @7 G TEC ED 1 @2 TEC ELEC ¶7 ¶G

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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	
I100104	TV PRODUCTION Television Production	30,31	/		TEC ELEC @7 G TEC ED 1 TV PRO TEC @7 G
RTT0514	STUDIO ASST Studio Assistant		/Y O	0	
RTT0516	STUDIO TECH Studio Technician		/Y O	0	
RTT0518	STUDIO TECH/EDIT AS Studio Technician/Edit Assistant		/Y O	0	
RTT0520	TV PROD/EDIT TECH Television Production/Edit Technician		/Y O	0	
PRINTING TECHNOLOGY CAREER PATH (ARPD)					
I480205	DIGITAL PRINT TECH Digital Printing Technology	30,31	/		PRINTING @7 G

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
GRA0020	DIG PUBLISH ASST 1 Digital Publishing Assistant (1 of 2)	/Y	O	0	
GRA0021	DIG PUBLISH ASST 2 Digital Publishing Assistant (2 of 2)	/Y	O	0	
GRA0022	DESKTOP PUB SPEC 1 Desktop Publishing Specialist (1 of 2)	/Y	O	0	
GRA0023	DESKTOP PUB SPEC 2 Desktop Publishing Specialist (2 of 2)	/Y	O	0	
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	

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8739091	PRINT &GRAPHS COMM10 Printing and Graphic Communications 10/Level 3		/Y VO	1.0	
8739092	PRINT &GRAPHS COMM11 Printing and Graphic Communications 11/Level 3		/Y VO	1.0	
8739093	PRINT &GRAPHS COMM12 Printing and Graphic Communications 12/Level 3		/Y VO	1.0	
I480201	PRINT & GRAPHS COMM Printing and Graphic Communications	30,31	/		PRINTING @7 G
GRA0012	COPY CENTER TECH Copy Center Technician		/Y O	0	
GRA0013	PROCESS CAMERA OP Process Camera Operator		/Y O	0	
GRA0014	LAYOUT DSN/PLANNER Layout Designer/Planner		/Y O	0	
GRA0015	DUPLICATOR OPERATOR Duplicator Operator		/Y O	0	
GRA0016	GEN BINDERY WORKER General Bindery Worker		/Y O	0	
----- TELECOMMUNICATIONS CAREER PATH (ARPE) -----					
I470103	COMM ELECTRONICS Communication Electronics	30,31	/		TEC ELEC @7 G ELECTRONIC @7 G
EEV0010	ELECTRONICS ASMBR Electronics Assembler		/Y	0	
EEV0100	ELECTRONICS TESTER Electronics Tester		/Y	0	
EEV0500	ELECT EQUIP RPR Electronics Equipment Repairer		/Y	0	
EEV0616	ELECTRONICS TECH Electronics Technician		/Y	0	
EEV0311	ELECTR RADIO TECH Electronics Radio Technician		/Y O	0	
EEV0312	COMMUNICATION TECH Communication Technician		/Y O	0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
EEV0401	ELECTRONICS SPEC Electronics Specialist		/Y	O	0	
EEV0316	DATA COMM TECH Data Communication Technician		/Y	O	0	
8730200	TELECOM TECH Telecommunications Technology	9-12,30,31	/			COMP SVC @7 G BUS MACH @7 G ELECTRONIC @7 G TELCOM G
8730210	TELECOM TECH 1 Telecommunications Technology 1/Level 2		/Y	VO	1.0	
8730220	TELECOM TECH 2 Telecommunications Technology 2/Level 2		/Y	VO	1.0	
8730230	TELECOM TECH 3 Telecommunications Technology 3/Level 2		/Y	VO	1.0	
8730240	TELECOM TECH 4 Telecommunications Technology 4/Level 2		/Y	VO	1.0	
I470301	TELECOMM TECHNOLOGY Telecommunications Technology	30,31	/			COMP SVC @7 G BUS MACH @7 G TELCOM G ELECTRONIC @7 G ELECTRICAL @7 G
EER0051	TELECOMM INSTALL Telecommunications Installer		/Y	O	0	
EER0052	TELECOMM INST & REP Telecommunications Installation and Repair Specialist		/Y	O	0	
EER0055	TELECOMM TECH Telecommunications Technician		/Y	O	0	
I47034R	TELECOM TECH - APPR Telecommunications Technology - Apprenticeship	30,31	/			
I470305	WIRELESS TELE Wireless Telecommunications	30,31	/			TELCOM G
CTS0004	CPT SUPPORT TECH Computer Support Technician		/Y	O	0	
EEV0505	CPT SUPPORT SPEC Computer Support Specialist		/Y	O	0	
CTS0006	NETWORK SUPPORT TECH Network Support Technician		/Y	O	0	
CTS0007	NETWORK SPECIALIST Network Specialist		/Y	O	0	
CTS0008	NETWORK ADMIN Network Administrator		/Y	O	0	

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
CTS0009	WIRELESS TELE ADM Wireless Telecommunications Administrator		/Y	O	0	
VISUAL ARTS CAREER PATH (ARPF)						
8718000	COMMERCIAL ART TECH Commercial Art Technology	9-12,30,31 /		COMM ART	@7	G
8718010	CMCL ART TECH 1 Commercial Art Technology 1/Level 2		/Y	PA	1.0	
8718020	CMCL ART TECH 2 Commercial Art Technology 2/Level 2		/Y	PA	1.0	
8718030	CMCL ART TECH 3 Commercial Art Technology 3/Level 2		/Y	PA	1.0	
8718040	CMCL ART TECH 4 Commercial Art Technology 4/Level 2		/Y	PA	1.0	
8718050	CMCL ART TECH 5 Commercial Art Technology 5/Level 2		/Y	PA	1.0	
8718060	CMCL ART TECH 6 Commercial Art Technology 6/Level 2		/Y	PA	1.0	
8718070	CMCL ART TECH 7 Commercial Art Technology 7/Level 2		/Y	PA	1.0	
8718080	CMCL ART TECH 8 Commercial Art Technology 8/Level 2		/Y	PA	1.0	
8718090	CMCL ART TECH 9 Commercial Art Technology 9/Level 2		/Y	PA	1.0	
8718091	CMCL ART TECH 10 Commercial Art Technology 10/Level 2		/Y	PA	1.0	
I480203	COMMERCIAL ART TECH Commercial Art Technology	30,31 /		COMM ART	@7	G
GRA0036	DESKTOP PUB ASST Desktop Publishing Assistant		/Y		0	
GRA0037	DESIGN TECH Design Technician		/Y		0	
GRA0038	ILLUSTRATOR Illustrator		/Y	O	0	
GRA0039	PRINT MEDIA ARTIST Print Media Artist		/Y	O	0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
◻K600100	CMCL ART TECH 1 Commercial Art Technology 1	30,31	/Y		COMM ART @7 G
GRA0036	DESKTOP PUB ASST Desktop Publishing Assistant		/Y	0	
GRA0037	DESIGN TECH Design Technician		/Y	0	
◻K600200	CMCL ART TECH 2 Commercial Art Technology 2	30,31	/Y		COMM ART @7 G
GRA0038	ILLUSTRATOR Illustrator		/Y	0	O
GRA0039	PRINT MEDIA ARTIST Print Media Artist		/Y	0	O
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	1.0	PA
8772020	CMCL PHOTO TECH 2 Commercial Photography Technology 2 /Level 2		/Y	1.0	PA
8772030	CMCL PHOTO TECH 3 Commercial Photography Technology 3 /Level 2		/Y	1.0	PA
8772040	CMCL PHOTO TECH 4 Commercial Photography Technology 4 /Level 2		/Y	1.0	PA
8772050	CMCL PHOTO TECH 5 Commercial Photography Technology 5 /Level 2		/Y	1.0	PA
8772060	CMCL PHOTO TECH 6 Commercial Photography Technology 6 /Level 2		/Y	1.0	PA
8772070	CMCL PHOTO TECH 7 Commercial Photography Technology 7 /Level 2		/Y	1.0	PA
8772080	CMCL PHOTO TECH 8 Commercial Photography Technology 8 /Level 2		/Y	1.0	PA

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8772090	CMCL PHOTO TECH 9 Commercial Photography Technology 9 /Level 2		/Y	PA	1.0	
8772091	CMCL PHOTO TECH 10 Commercial Photography Technology 1 0/Level 2		/Y	PA	1.0	
8772092	CMCL PHOTO TECH 11 Commercial Photography Technology 1 1/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 of 2)		/Y	0	0	
PGY0181	PHOTO IMAGING SPEC 2 Photographic Imaging Specialist (2 of 2)		/Y	0	0	
PGY0182	PHOTO SPEC/LAB TECH Photography Specialist/Lab Technician		/Y	0	0	
PGY0183	PORTRAIT PHOTO 1 Portrait Photographer (1 of 2)		/Y	0	0	
PGY0184	PORTRAIT PHOTO 2 Portrait Photographer (2 of 2)		/Y	0	0	
PGY0185	COMM PHOTOGRAPHER Commercial Photographer		/Y	0	0	
⊠K610100	CMCL PHOTO TECH 1 Commercial Photography Technology 1	30,31	/Y			PHOTOG @7 G
PGY0180	PHOTO IMAGING SPEC 1 Photographic Imaging Specialist (1 of 2)		/Y	0	0	
PGY0181	PHOTO IMAGING SPEC 2 Photographic Imaging Specialist (2 of 2)		/Y	0	0	
PGY0182	PHOTO SPEC/LAB TECH Photography Specialist/Lab Technician		/Y	0	0	
⊠K610200	CMCL PHOTO TECH 2 Commercial Photography Technology 2	30,31	/Y			PHOTOG @7 G
PGY0183	PORTRAIT PHOTO 1 Portrait Photographer (1 of 2)		/Y	0	0	
PGY0184	PORTRAIT PHOTO 2 Portrait Photographer (2 of 2)		/Y	0	0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
PGY0185	COMM PHOTOGRAPHER Commercial Photographer		/Y	0	0
8209600	DIGITAL DESIGN Digital Design	9-12,30,31	/		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 OR Computing for College and Careers/ Level 2 OR		/Y	VO	1.0
8207310	INTROD TO INFO TECH Introduction to Information Technology /Level 2		/Y	PA	1.0
8209510	DIGITAL DESIGN 1 Digital Design 1/Level 2		/Y	PA	1.0
8209520	DIGITAL DESIGN 2 Digital Design 2/Level 2		/Y	PA	1.0
8209530	DIGITAL DESIGN 3 Digital Design 3/Level 2		/Y	PA	1.0
8209540	DIGITAL DESIGN 4 Digital Design 4/Level 2		/Y	PA	1.0
8209550	DIGITAL DESIGN 5 Digital Design 5/Level 2		/Y	PA	1.0
8209560	DIGITAL DESIGN 6 Digital Design 6/Level 2		/Y	PA	1.0
8209570	DIGITAL DESIGN 7 Digital Design 7/Level 2		/Y	PA	1.0
B070600	DIGITAL DESIGN Digital Design	30, 31	/		SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
OTA0040	INFO TECH ASST. Information Technology Assistant		/Y	0	0
GRA0024	PRODUCTION ASST Production Assistant		/Y		0
GRA0025	DIGITAL ASST DSN Digital Assistant Designer		/Y		0

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
GRA0026	GRAPHIC DESIGNER Graphic Designer	/Y		0	
GRA0027	MEDIA DESIGNER Media Designer	/Y		0	
⊕K700100	DIGITAL DESIGN 1 Digital Design 1	30, 31	/Y		SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
OTA0040	INFO TECH ASST. Information Technology Assistant	/Y	0	0	
GRA0024	PRODUCTION ASST Production Assistant	/Y		0	
GRA0025	DIGITAL ASST DSN Digital Assistant Designer	/Y		0	
⊕K700200	DIGITAL DESIGN 2 Digital Design 2	30, 31	/Y		SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
GRA0026	GRAPHIC DESIGNER Graphic Designer	/Y		0	
GRA0027	MEDIA DESIGNER Media Designer	/Y		0	
8506400	FASH DESIGN SERS Fashion Design Services	9-12,30,31 /			VOC HME EC @2 @4 HME EC OCC ϕ7 HOME EC 1 @2 GEN HME EC @2 @4 APPRL MFG ϕ7 APPRL MFG ϕ7 @7 G GEN HME EC @4 HOMEMAKING @2 ϕ7 FAM CON SC 1 TAILORING ϕ7 TEC ED ϕ7 T G W
8506405	DES SERS CORE Design Services Core/Level 2	/Y	PA	1.0	
8506410	PRIN OF FASH DSN SER Principles of Fashion Design Services /Level 2	/Y	PA	1.0	
8506420	PATTERN DSN TECNQS Pattern Design Techniques/Level 2	/Y	PA	1.0	
8506430	FASH DSN SPEC Fashion Design Specialist/Level 3	/Y	PA	1.0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA			GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
V200400	FASH DESIGN SERS Fashion Design Services	30,31	/			VOC HME EC @2 @4 FAM CON SC 1 TEC ED W T G HOMEMAKING ç7 @2 @7 G APPRL MFG ç7 HME EC OCC ç7 APPRL MFG ç7 @7 G		HOME EC 1 @2 GEN HME EC @2 @4 HME EC OCC ç7 @7 G TAILORING ç7 @7 G HOMEMAKING ç7 TEC ED ç7
HEV0010	RETAIL SALES Retail Sales		/Y	O	0			
HEV0011	TAILOR, DRESSMKR Tailor, Dressmaker, Custom Sewer		/Y	O	0			
HEV0012	FAB & APPAREL PAT Fabric and Apparel Patternmakers		/Y	O	0			
HEV0013	FASHION COOR/STYLIST Fashion Coordinator/Stylist		/Y	O	0			
8521040	INT DECOR FAB Interior Decor Fabrication	9-12,30,31	/			HOMEMAKING ç7 @2 HOME EC 1 @2 HME EC OCC ç7		GEN HME EC @4 VOC HME EC @4 FAM CON SC 1
8521041	INTROD INT DECR FAB1 Introduction to Interior Decor Fabrication 1/Level 2		/Y	VO	1.0			
8521042	INTROD INT DECR FAB2 Introduction to Interior Decor Fabrication 2/Level 2		/Y	VO	1.0			
8521043	INTROD INT DECR FAB3 Introduction to Interior Decor Fabrication 3/Level 2		/Y	PA	1.0			
V200505	INTERIOR DECOR FAB Interior Decor Fabrication	30,31	/			HOMEMAKING ç7 @7 G @2 HOME EC 1 @2 FAM CON SC 1 INT DEC @7 G		HME EC OCC ç7 @7 G VOC HME EC @4 @2 GEN HME EC @4 @2
HEV0420	SEW MACH OP, NONGARM Sewing Machine Operator, Nongarment		/Y	O	0			
HEV0450	DRAPERY OPERATOR Drapery Operator		/Y	O	0			
HEV0451	DRAPERY SUPR Drapery Supervisor		/Y	O	0			

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
V200600	INT DECORATING SERS Interior Decorating Services	30,31	/	VO		HOMEMAKING ç7 @2 @7 G GEN HME EC @2 @4 FAM CON SC 1 INT DEC @7 G HOME EC 1 @2 HME EC OCC ç7 @7 G VOC HME EC @2 @4
HEV0412	SALES/COLOR CONSULT Sales/Color Consultant		/Y	O	0	
HEV0452	FURN ARR/SPACE PLAN Furniture Arranger/Space Planner		/Y	O	0	
HEV0453	MERCH STYL/VIS DISP Merchandise Stylist/Visual Displayer		/Y	O	0	
HEV0413	INT DEC/INT DEC CONS Interior Decorator/Interior Decorating Consultant		/Y	O	0	
8506500	INT DESIGN SERS Interior Design Services	9-12,30,31	/			VOC HME EC @2 @4 HME EC OCC ç7 HOME EC 1 @2 GEN HME EC @2 @4 APPRL MFG ç7 APPRL MFG ç7 @7 G GEN HME EC @4 HOMEMAKING @2 ç7 FAM CON SC 1 TAILORING ç7 TEC ED W T G TEC ED ç7
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 W T G HOMEMAKING ç7 @2 @7 G APPRL MFG ç7 HME EC OCC ç7 HOME EC 1 @2 GEN HME EC @2 @4 HME EC OCC ç7 @7 G TAILORING ç7 @7 G HOMEMAKING ç7 APPRL MFG ç7 @7 G
HEV0010	RETAIL SALES Retail Sales		/Y	O	0	
HEV0410	INTERIOR DESIGN ASST Interior Design Assistant		/Y	O	0	

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
HEV0416	DRAFTER Drafter		/Y	O	0	
HEV0414	INTERIOR DESIGN SPEC Interior Design Specialist		/Y	O	0	
V200700	SEW TEC & SERS Sewing Technology and Services	30,31	/	VO		VOC HME EC @2 @4 TEC ED W T G HME EC OCC ¢7 @7 G HOME EC 1 @2 HOMEMAKING ¢7 @2 @7 G APPRL MFG ¢7 HME EC OCC ¢7 TAILORING ¢7 @7 G GEN HME EC @2 @4 APPRL MFG ¢7 @7 G FAM CON SC 1 TEC ED ¢7 HOMEMAKING ¢7
HEV0203	SEAMSTRESS Seamstress		/Y	O	0	
HEV0240	POWER MACHINE OP Power Machine Operator		/Y	O	0	
HEV0211	ALTERATIONIST Alterationist		/Y	O	0	
HEV0212	CONSTRUCTION SPEC Construction Specialist		/Y	O	0	
HEV0217	ALTERATIONIST/FINE Alterationist for Fine Clothing		/Y	O	0	
HEV0232	CUSTOM TAILOR/PAT MK Custom Tailor/Patternmaker		/Y	O	0	
GENERAL PROGRAMS						
8209100	CAR IN FASH & INT Careers in Fashion and Interior Design	6-9,30,31	/			VOC HME EC @4 HOME EC 1 @2 FAM CON SC 1
8209200	CAR IN FASH & INT CP Careers in Fashion and Interior Des ign and Career Planning	6-9,30,31	/			VOC HME EC @4 HOME EC 1 @2 FAM CON SC 1
8500380	FABR CONSTRUCTION Fabric Construction/Level 2	9-12,30,31	/S	PA	0.5	VOC HME EC @4 FAM CON SC 1 GEN HME EC @4 HOME EC 1 @2

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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BUSINESS MANAGEMENT & ADMINISTRATIVE CAREER CLUSTER

## MANAGEMENT CAREER PATH (BAPA)

8215200	BUSINESS SUPV & MGMT Business Supervision and Management	9-12,30,31 /		BUS ED 1 @2 VOE @7 MANAG SUPV @7 G	TEACH CBE @7 BOOKKEEPIN @4 @7 G
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO	0.5	
8200330	CPT & BUS SK OR Computer and Business Skills/ Level 2 OR	/S	VO	0.5	
8209020	CPT FOR COLG & CAR OR Computing for College and Careers/ Level 2 OR	/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	0	0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
MNA0080	SUPR/MANAGER TRAINEE Supervisor/Manager Trainee		/Y	O	0	
MNA0082	SUPERVISOR Supervisor		/Y	O	0	
8217100	PROMOTIONAL ENT Promotional Enterprise	9-12,30,31	/Y			BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G SECRETAR @7 G TEC ELEC a7 G SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8209020	CPT FOR COLG &CAR OR Computing for College and Careers/ Level 2 OR		/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 CUS PROMO Legal Aspects of Custom Promotional Industry Ownership/Level 2		/Y	VO	1.0	
B017100	PROMOTIONAL ENT Promotional Enterprise	30,31	/Y			BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G SECRETAR @7 G TEC ELEC a7 G SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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OTA0040	INFO TECH ASST. Information Technology Assistant	/Y	0	0	
GRA0079	CUS PROMO DSN MGR Custom Promotional Design Manager	/Y	0	0	
MNA0081	FIRST LINE SUPR First Line Supervisor	/Y	0	0	
SBM0200	SMALL BUSINESS MGR Small Business Manager	/Y	0	0	
MNA0090	GEN OPS MGR/OWNER General Operations Manager/Owner	/Y	0	0	

## BUSINESS FINANCIAL MANAGEMENT CAREER PATH (BAPB)

8203400	ACCT OPS Accounting Operations	9-12,30,31 /			BUS ED 1 @2 TEACH CBE @7 ACCTING @7 G	BOOKKEEPIN @4 VOE @7 BOOKKEEPIN @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 OR Computing for College and Careers/ Level 2 OR	/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		

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
B070110	ACCT OPS Accounting Operations	30, 31	/	BUS ED TEACH CBE ACCTING	1 @2 @7 @7 G	BOOKKEEPIN @4 VOE @7 BOOKKEEPIN @7 G
OTA0040	INFO TECH ASST. Information Technology Assistant		/Y	0	0	
ACO0040	ACCOUNTING CLERK Accounting Clerk		/Y	0	0	
ACO0041	ACCOUNTING ASSC Accounting Associate		/Y	0	0	
ACO0042	ACCOUNTING ASST Accounting Assistant		/Y	0	0	

BUSINESS ANALYSIS CAREER PATH (BAPD)

8216100	INTL BUSINESS International Business	9-12,30,31	/	BUS ED VOE MANAG SUPV	1 @2 @7 @7 G	TEACH CBE @7 BOOKKEEPIN @4 BOOKKEEPIN @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 OR Computing for College and Careers/ Level 2 OR		/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	

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS			CREDIT	CERTIFICATION
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	0	0		
MNA0000	MANAGER TRAINEE 1 Manager Trainee (1 of 2)		/Y	0	0		
MNA0001	MANAGER TRAINEE 2 Manager Trainee (2 of 2)		/Y	0	0		
MARKETING & COMMUNICATIONS CAREER PATH (BAPE)							
8200300	ELEC BUSINESS ENTERP Electronic Business Enterprise	9-12	/				BUS ED 1 @2 ELECT DP @7 G BUS DP @7
8207310	INTROD TO INFO TECH Introduction to Information Technology /Level 2		/Y	PA	1.0		
8200340	INTRO TO E-COMMERCE Introduction to E-Commerce/Level 2		/Y	PA	1.0		
8200350	E-COMMERCE ENTREP E-Commerce Entrepreneurship/Level 2		/Y	VO	1.0		
8200360	E-COM SYS ANL & DSN E-Commerce Systems Analysis and Design/Level 2		/Y	VO	1.0		
B070100	ELEC BUSINESS ENTERP Electronic Business Enterprise	30,31	/				BUS ED 1 @2 ELECT DP @7 G BUS DP @7
OTA0040	INFO TECH ASST. Information Technology Assistant		/Y	0	0		
MNA0830	E-COMM CUST SER REP E-Commerce Customer Service Representative		/Y	0	0		
MNA0831	E-COMMERCE ENTREP E-Commerce Entrepreneur		/Y	0	0		
MNA0832	E-COMM WEB ASST E-Commerce Web Assistant		/Y	0	0		

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA		GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
ADMINISTRATIVE & INFORMATION SUPPORT CAREER PATH (BAPF)							
8212500	ADM AST Administrative Assistant	9-12,30,31 /			BUS ED 1 @2 VOE @7 CLERICAL @7 G MANAG SUPV @7 G		TEACH CBE @7 STENOGRAPH @4 SECRETAR @7 G
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/Level 2 AND		/S	VO	0.5		
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR		/S	VO	0.5		
8209020	CPT FOR COLG & CAR OR Computing for College and Careers/ Level 2 OR		/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		
8209510	DIGITAL DESIGN 1 Digital Design 1/Level 2		/Y	PA	1.0		
8212410	ADM OFFICE TECH 2 Administrative Office Technology 2/ Level 2		/Y	VO	1.0		
8212420	ADM OFFICE TECH 3 Administrative Office Technology 3/ Level 2		/Y	VO	1.0		
8212160	BUS SOFTWARE APPL 2 Business Software Applications 2/Level 2		/Y	VO	1.0		
B070330	ADM ASSISTANT Administrative Assistant	30, 31 /			BUS ED 1 @2 VOE @7 CLERICAL @7 G MANAG SUPV @7 G		TEACH CBE @7 STENOGRAPH @4 SECRETAR @7 G

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
OTA0040	INFO TECH ASST. Information Technology Assistant		/Y	0	0	
OTA0041	FRONT DESK SPEC Front Desk Specialist		/Y	0	0	
OTA0030	ASST DIG PROD DSN Assistant Digital Production Designer		/Y	0	0	
OTA0043	ADMINISTRATIVE ASST Administrative Assistant		/Y	0	0	
*8200200	COURT RPT Court Reporting	9-12,30,31	/			BUS ED 1 @2 VOE @7 STENOG @4 TEACH CBE @7 SECRETAR @7 G
8200230	COURT RPT TECH 1 Court Reporting Technology 1/Level 2		/Y	VO	1.0	
8200240	COURT RPT TECH 2 Court Reporting Technology 2/Level 2		/Y	VO	1.0	
8200250	COURT RPT TECH 3 Court Reporting Technology 3/Level 2		/Y	VO	1.0	
8200260	COURT RPT TECH 4 Court Reporting Technology 4/Level 2		/Y	VO	1.0	
8200270	COURT RPT TECH 5 Court Reporting Technology 5/Level 2		/Y	VO	1.0	
8200280	COURT RPT TECH 6 Court Reporting Technology 6/Level 2		/Y	VO	1.0	
8200290	COURT RPT TECH 7 Court Reporting Technology 7/Level 2		/Y	VO	1.0	
8200291	COURT RPT TECH 8 Court Reporting Technology 8/Level 2		/Y	VO	1.0	
B070602	COURT RPT Court Reporting	30,31	/			BUS ED 1 @2 VOE @7 STENOG @4 TEACH CBE @7 SECRETAR @7 G
OTA0044	COURT REPORT TRAN I Court Reporting Transcriptionist I (1 of 3)		/Y	0	0	
OTA0045	COURT REPORT TRAN II Court Reporting Transcriptionist II (2 of 3)		/Y	0	0	
OTA0046	COURT REPORT TRAN III Court Reporting Transcriptionist III (3 of 3)		/Y	0	0	

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
OTA0047	COURT REPORT SCOPIST Court Reporting Scopist		/Y	0	0	
OTA0048	COURT RPT(1 of 4) Court Reporter (1 of 4)		/Y	0	0	
OTA0049	COURT RPT(2 of 4) Court Reporter (2 of 4)		/Y	0	0	
OTA0051	COURT RPT(3 of 4) Court Reporter (3 of 4)		/Y	0	0	
OTA0052	COURT RPT(4 of 4) Court Reporter (4 of 4)		/Y	0	0	
▫B700500	COURT RPT 1 Court Reporting 1	30,31	/Y			BUS ED 1 @2 VOE @7 STENOG @4 TEACH CBE @7 SECRETAR @7 G
OTA0044	COURT REPORT TRAN I Court Reporting Transcriptionist I (1 of 3)		/Y	0	0	
OTA0045	COURT REPORT TRAN II Court Reporting Transcriptionist II (2 of 3)		/Y	0	0	
OTA0046	COURT REPORT TRAN III Court Reporting Transcriptionist III (3 of 3)		/Y	0	0	
▫B700600	COURT RPT 2 Court Reporting 2	30,31	/Y			BUS ED 1 @2 VOE @7 STENOG @4 TEACH CBE @7 SECRETAR @7 G
OTA0047	COURT REPORT SCOPIST Court Reporting Scopist		/Y	0	0	
▫B700700	COURT RPT 3 Court Reporting 3	30,31	/Y			BUS ED 1 @2 VOE @7 STENOG @4 TEACH CBE @7 SECRETAR @7 G
OTA0048	COURT RPT(1 of 4) Court Reporter (1 of 4)		/Y	0	0	
OTA0049	COURT RPT(2 of 4) Court Reporter (2 of 4)		/Y	0	0	
OTA0051	COURT RPT(3 of 4) Court Reporter (3 of 4)		/Y	0	0	
OTA0052	COURT RPT(4 of 4) Court Reporter (4 of 4)		/Y	0	0	

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

## COURSES MEETING

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8218100	CUST ASST TECH Customer Assistance Technology	9-12, 3031 /			BUS ED 1 @2 TEACH CBE @7 SECRETAR @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 OR Computing for College and Careers/ Level 2 OR		/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 1 @2 TEACH CBE @7 SECRETAR @7 G VOE @7 CLERICAL @7 G
OTA0040	INFO TECH ASST. Information Technology Assistant		/Y 0	0	
MNA0083	CUST CARE REP Customer Care Representative		/Y 0	0	
MNA0086	CUST CARE SPEC Customer Care Specialist		/Y 0	0	
8212000	LEG ADMIN SPEC Legal Administrative Specialist	9-12,30,31 /			BUS ED 1 @2 VOE @7 STENOGR @4 TEACH CBE @7 SECRETAR @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 OR Computing for College and Careers/ Level 2 OR		/Y VO	1.0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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 STENOGR @4 TEACH CBE @7 SECRETAR @7 G CLERICAL @7 G
OTA0040	INFO TECH ASST. Information Technology Assistant	/Y	0	0	
OTA0041	FRONT DESK SPEC Front Desk Specialist	/Y	0	0	
OTA0042	ADMIN SUPPORT Administrative Support	/Y	0	0	
OTA0050	LEGAL ADMIN SPEC Legal Administrative Specialist	/Y	0	0	
8212300	MED ADM SPEC Medical Administrative Specialist	9-12,30,31	/		BUS ED 1 @2 TEACH CBE @7 SECRETAR @7 VOE @7 STENOGR @4 CLERICAL @7
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO	0.5	
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO	0.5	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8209020	CPT FOR COLG &CAR OR Computing for College and Careers/ Level 2 OR		/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 TECH 4 Medical Office Technology 4 (Intern ship)/Level 2		/Y VO	1.0	
B070300	MED ADM SPEC Medical Administrative Specialist	30, 31	/		BUS ED 1 @2 TEACH CBE @7 SECRETAR ¢7 VOE @7 STENOG @4 CLERICAL ¢7
OTA0040	INFO TECH ASST. Information Technology Assistant		/Y 0	0	
OTA0041	FRONT DESK SPEC Front Desk Specialist		/Y 0	0	
OTA0631	MEDICAL OFFICE TECH Medical Office Technologist		/Y 0	0	
OTA0651	MEDICAL ADMIN SPEC Medical Administrative Specialist		/Y 0	0	
8207600	VOICE WRIT Voice Writing	9-12,30,31	/		BUS ED 1 @2 VOE @7 STENOG @4 TEACH CBE @7 SECRETAR @7 G
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND		/S VO	0.5	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO	0.5	
8209020	CPT FOR COLG &CAR OR Computing for College and Careers/ Level 2 OR	/Y	VO	1.0	
8207310	INTROD TO INFO TECH Introduction to Information Technology /Level 2	/Y	PA	1.0	
8207610	VOICE WRITING 1 Voice Writing 1/Level 2	/Y	VO	1.0	
8207620	VOICE WRITING 2 Voice Writing 2/Level 2	/Y	VO	1.0	
8207630	VOICE WRITING 3 Voice Writing 3/Level 2	/Y	VO	1.0	
8207640	VOICE WRITING 4 Voice Writing 4/Level 2	/Y	VO	1.0	
8207650	VOICE WRITING 5 Voice Writing 5/Level 2	/Y	VO	1.0	
8207660	VOICE WRITING 6 Voice Writing 6/Level 2	/M	VO	2.0	
8207670	VOICE WRITING 7 Voice Writing 7/Level 2	/M	VO	2.0	
8207680	VOICE WRITING 8 Voice Writing 8/Level 2	/M	VO	2.0	
B070603	VOICE WRITING Voice Writing	30, 31	/		BUS ED 1 @2 VOE @7 STENOG @4 TEACH CBE @7 SECRETAR @7 G
CTS0000	VOICE WRITING(1of2) Voice Writing (1 of 2)		/Y	0	
CTS0001	VOICE WRITING(2of 2) Voice Writing (2 of 2)		/Y	0	
CTS0002	VOICE WRITER(1 of 2) Voice Writer (1 of 2)		/Y	0	
CTS0003	VOICE WRITER(2 of 2) Voice Writer (2 of 2)		/Y	0	
▯B800700	VOICE WRITING 1 Voice Writing 1	30, 31	/Y		BUS ED 1 @2 VOE @7 STENOG @4 TEACH CBE @7 SECRETAR @7 G

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
CTS0000	VOICE WRITING(1of2) Voice Writing (1 of 2)		/Y		0	
CTS0001	VOICE WRITING(2of 2) Voice Writing (2 of 2)		/Y		0	
αB800800	VOICE WRITING 2 Voice Writing 2	30,31	/Y			BUS ED 1 @2 VOE @7 STENOG @4 TEACH CBE @7 SECRETAR @7 G
CTS0002	VOICE WRITER(1 of 2) Voice Writer (1 of 2)		/Y		0	
CTS0003	VOICE WRITER(2 of 2) Voice Writer (2 of 2)		/Y		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 NURSING ED @5	HOME EC 1 @2 AGRI @2 FAM CON SC 1 TEC ED 1 @2 INDUS ARTS @4 @6 REG NURSE G
8200420	BUSINESS COOP MGMT Business Cooperative Education Organization and Management	9-12,30,31	/M	VO	MC	BUS ED 1 @2 VOE @7	TEACH CBE @7
B079998	BUSINESS COOP ORG Business Cooperative Education Organization and Management	30,31	/M	VO	MC	BUS ED 1 @2 VOE @7	TEACH CBE @7
8200410	BUSINESS COOP ED OJT Business Cooperative Education-OJT	9-12,30,31	/M	VO	MC	BUS ED 1 @2 VOE @7	TEACH CBE @7
B079999	BUSINESS COOP OJT Business Cooperative Education-OJT	30,31	/			BUS ED 1 @2 VOE @7	TEACH CBE @7
8200100	BUSINESS DIR STUDY Business Education Directed Study	11-12,30,31/M		VO	MC	ANY BUSINESS ED/TC COOP ED E G ANY BUSINESS ED G	
8299990	BUSINESS ED TRAN Business Education Transfer	9-12,30,31	/			NA	
B000000	BUSINESS ED TRAN Business Education Transfer	30,31	/			NA	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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 VOE @7 TEACH CBE @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 OR	9-12,30,31	/S	VO	0.5	BUS ED 1 @2 TEACH CBE @7 BUS DP @7 G BOOKKEEPIN @4 @7 G TEC ELEC \$7 G SECRETAR @7 G TYPWRIT @4 VOE @7 STENOG @4 ELECT DP @7 G CLERICAL @7 G TEC ELEC S @7 G
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 TEC ED 1 VOE @7 COMPU SCI @6
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 TEC ED 1 VOE @7 COMPU SCI @6
8200210	CPTR APPL BUSINESS 2 Computer Applications in Business 2	6-9,30,31	/S	VO	0.5	BUS ED 1 @2 TEACH CBE @7 VOE @7 COMPU SCI @6
8200211	CPTR APPL BUSINESS 3 Computer Applications in Business 3	6-9,30,31	/S	VO	0.5	BUS ED 1 @4 @2 TEACH CBE @7 SECRETAR @7 COMPU SCI @6 VOE @7 STENOG @4 CLERICAL @7
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 SECRETAR @7 COMPU SCI @6 VOE @7 STENOG @4 CLERICAL @7
8207010	EMERG TECH BUSINESS Emerging Technology in Business/ Level 2	9-12,30,31	/Y	VO	1.0	BUS ED 1 @2 TEACH CBE @7 ACCTING @7 G BUS DP @7 G MANAG SUPV @7 G SECRETAR @7 G BOOKKEEPIN @4 VOE @7 TEC ELEC \$7 G ELECT DP @7 G CLERICAL @7 G BOOKKEEPIN @7 G

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8200320	KEYBD & BUSINESS SKL Keyboarding and Business Skills/Level 2	9-12,30,31 /S	VO	0.5	BUS ED 1 @2 TEACH CBE @7 STENOG @4 SECRETAR @7 G TYPWRIT @4 VOE @7 CLERICAL @7 G

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EDUCATION & TRAINING CAREER CLUSTER

PROFESSIONAL SUPPORT SERVICES CAREER PATH (EDPA)  
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<sup>a</sup> P131023	SIGN LANGUAGE COMM Sign Language Communication	30,31 /			ANY FIELD
SPA0657	SIGNER/COMMUNICATOR Signer/Communicator		/Y	O	0

ADMINISTRATION & ADMINISTRATIVE SUPPORT CAREER PATH (EDPB)  
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8909000	TCHR ASSIST Teacher Assisting	9-12,30,31 /			ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER REFER TO HARD COPY CCD SECTION 1
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	O	0
EDG0317	TEACHER ASST Teacher Assisting		/Y	O	0

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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 ¢7 @7 G CH CARE TR 7 G HOMEMAKING ¢7 @7 @2 G PRIMARY ED @B PRESCH ED A PK PRIMARY H HOME EC 1 @2
HEV0160	CHILD CARE CTR DIR Child Care Center Director		/Y	O	0	
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 ¢7 FAM CON SC 1 HOME EC 1 @2 HOMEMAKING ¢7 @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	
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 GEN HME EC @2 E CHILD ED @0 HOME EC 1 @2 FAM CON SC 1
HEV0117	CHILD CARE WKR - PS Child Care Worker - Preschool		/Y	O	0	
HEV0101	CHILD CARE TEACH AID Child Care Teacher Aide		/Y	O	0	
HEV0156	PRESCHOOL TEACHER Preschool Teacher		/Y	O	0	
HEV0162	CHILD CARE DEV SPEC Child Care Development Specialist		/Y	O	0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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 G @2 E CHILD ED @0 HOME EC 1 @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	O	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 1 @2 FAM CON SC 1
HEV0112	CHILD CARE WKR - SA Child Care Worker - School Age		/Y	O	0	
HEV0190	SCHOOL AGE CARE PROF School Age Care Professional		/Y	O	0	
<sup>a</sup> 8500150	S FAM CH CARE TRAIN Secondary Family Child Care Training /Level 2	9-12	/S	VO	0.5	VOC HME EC @4 @2 HOMEMAKING ¢7 @7 G @2 E CHILD ED @0 HOME EC 1 @2 HME EC OCC ¢7 @7 G FAM CON SC 1 GEN HME EC @2 PRIMARY ED @B PRESCH ED A PK PRIMARY H
8500160	S SCH AGE CER TRAIN Secondary School Age Certification Training	9-12	/	VO		VOC HME EC @4 @2 PRIMARY ED @B PRESCH ED A PK PRIMARY H GEN HME EC @2 E CHILD ED @0 HOME EC 1 @2 FAM CON SC 1
8500170	S SCH AGE CER TRAIN1 Secondary School Age Certification Training 1/Level 2		/Y	VO	1.0	
8500175	S SCH AGE CER TRAIN2 Secondary School Age Certification Training 2/Level 2		/Y	VO	1.0	
8500180	S SCH AGE CER TRAIN3 Secondary School Age Certification Training 3/Level 2		/Y	VO	1.0	

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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8500185	S SCH AGE CER TRAIN4 Secondary School Age Certification Training 4/Level 2	/Y	VO	1.0	
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## GENERAL PROGRAMS

8409100	CAREERS IN EDUC Careers in Education	6-8,30,31 /			VOC HME EC @4 HOME EC 1 @2	FAM CON SC 1
8409200	CAREERS IN ED & CP Careers in Education and Career Planning	6-8,30,31 /			VOC HME EC @4 HOME EC 1 @2	FAM CON SC 1
8500310	CHILD DEV Child Development/Level 2	9-12,30,31 /S	VO	0.5	E CHILD ED @0 PRESCH ED A PRIMARY ED @B FAM CON SC 1	VOC HME EC @4 HOME EC 1 @2 PK PRIMARY H

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FINANCE CAREER CLUSTER

## FINANCIAL &amp; INVESTMENT PLANNING CAREER PATH (FNPA)

8815100	FINANCE Finance	9-12,30,31 /			TEACH CDE @7 BANK FINC @7 G MKTG 1 SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	BUS ED 1 DIST ED @7 MKTG MGMT @7 G
8815150	FIN & BUS TECH Finance and Business Technology/Level 2	/Y	VO	1.0		
8203310	ACCT APPL 1 Accounting Applications 1/Level 2	/Y	VO	1.0		
8815110	FINANCIAL OPS Financial Operations/Level 3	/Y	VO	1.0		
8815130	FINANCIAL INTERN Financial Internship/Level 2 OR	/M	VO	MC		

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8800410	MARKETING COOP-OJT Marketing Cooperative Education-OJT /Level 2		/M	VO MC		
8815120	PERS FIN PLAN Personal Financial Planning/Level 3		/Y	VO	1.0	
M804011	FINANCE Finance	30,31	/			TEACH CDE @7 BANK FINC @7 G MKTG 1 BUS ED 1 DIST ED @7 MKTG MGMT @7 G
BRC0090	DATA ENTRY CLERK Data Entry Clerk		/Y	O	0	
BRC0091	CREDIT CHECKERS Credit Checkers		/Y	O	0	
BRC0093	BROKERAGE CLERK Brokerage Clerk		/Y	O	0	

## BANKING &amp; RELATED SERVICES CAREER PATH (FNPC)

M807050	MORTGAGE BROKER Mortgage Broker	30,31	/			MORG @7 G
REE0092	LOAN OFFICERS Loan Officers		/Y	O	0	
<sup>a</sup> M804990	TELLER OPERATIONS Teller Operations	30,31	/			BANK FINC @7 G TEACH CDE @7 MKTG 1 DIST ED @7 BUS ED 1
BRC0109	TELLERS Tellers		/Y	O	0	
8815200	TELLER OPERATIONS Teller Operations/Level 2	9-12,30,31	/Y	VO	1.0	BANK FINC @7 G TEACH CDE @7 BUS ED 1 DIST ED @7 MKTG 1

## INSURANCE SERVICES CAREER PATH (FNPD)

M810011	HEALTH INS MARKET Health Insurance Marketing	30,31	/			INSURANCE @7 G
RMI0097	INS SALES AGT (HLTH) Insurance Sales Agent (Health Only)		/Y	O	0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA		GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
M810015	INS CLAIMS ADJUSTER Insurance Claims Adjuster	30,31	/Y	VO			SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
RMI0094	INSURANCE CLAIMS ADJ Insurance Claims Adjuster		/Y	O	0		
M810013	INS CUSTOMER REPR Insurance Customer Representative	30, 31	/				INSURANCE @7 G
RMI0095	INSURANCE CUST REP Insurance Customer Representative		/Y	O	0		
M810016	INS CUST SERV REP Insurance Customer Service Representative	30,31	/Y	VO			SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
RMI0093	(INS) CUST SRV REP (Insurance) Customer Service Representative		/Y	O	0		
M810014	INS GEN LINES AGENT Insurance General Lines Agent	30, 31	/				INSURANCE @7 G
RMI0096	INS SALES AGT/GEN LN Insurance Sales Agent, General Lines		/Y	O	0		
M810012	LIFE INS MARKETING Life Insurance Marketing	30, 31	/				INSURANCE @7 G
RMI0099	INS SALES AGT - LHA Insurance Sales Agent - Life, Health and Annuities		/Y	O	0		
M810020	PERS LINES INS(20-44 Personal Lines Insurance (20-44)	30,31	/				INSURANCE @7 G
MKA0081	INS SALES AGT Insurance Sales Agent		/Y	O	0		

## GENERAL PROGRAMS

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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	GEN HME EC @4 HOME EC 1 @2
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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER  
COURSES MEETING

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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GOVERNMENT & PUBLIC ADMINISTRATION CAREER CLUSTER

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GOVERNANCE CAREER PATH (GVPA)  
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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	Earth/Space Science Earth/Space Science		/Y	SC	1.0
2001340	Envir. Science Environmental Science		/Y	SC	1.0
2003310	Physical Science Physical Science		/Y	SC	1.0
I470304	PUBLIC WORKS Public Works	30,31 /			ANY VOCATIONAL FIELD OR COVERAGE
ETC0003	PUB WORKS CADET 1 Public Works Cadet 1		/Y	O	0
ETC0004	PUB WORKS CADET 2 Public Works Cadet 2		/Y	O	0
ETC0005	PUB WORKS CADET 3 Public Works Cadet 3		/Y	O	0

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PLANNING CAREER PATH (GVPD)  
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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	VO	1
8602020	EMER PLAN & RESP 2 Emergency Planning and Response 2/Level 3		/Y	VO	1

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8602030	EMER PLAN & RESP 3 Emergency Planning and Response 3/Level 3		/Y	VO	1	
8602040	EMER PLAN & RESP 4 Emergency Planning and Response 4/Level 3		/Y	VO	1	
8600200	GIS TECH Geospatial/Geographic Information Systems (GIS) Technology	9-12,30,31	/Y			BUS ED 1 @2 TEC ED 1 @2 COMPU SCI @6 @2 TEC EN AID @7 G 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	
8600290	ADV GIS/RS APPS Advanced GIS/RS Applications/Level 2		/Y	PA	1.0	

## PUBLIC MANAGEMENT &amp; ADMINISTRATION CAREER PATH (GVPG)

860020	GIS TECH Geospatial/Geographic Information Systems (GIS) Technology	30,31	/Y			BUS ED 1 @2 TEC ED 1 @2 COMPU SCI @6 @2 TEC EN AID @7 G SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
GIS0090	GIS TECH ASST GIS Technician Assistant		/Y	O	0	
GIS0091	GIS TECHNICIAN GIS Technician		/Y	O	0	
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 of 3)		/Y	O	0	
PAD0876	HUMAN RESOURCES MGR2 Human Resources Manager (2 of 3)		/Y	O	0	
PAD0877	HUMAN RESOURCES MGR3 Human Resources Manager (3 of 3)		/Y	O	0	

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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SUPPLEMENTAL PROGRAMS  
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8900210	EX OF PS OCCS Exploration of Public Service Occupations	6-9,30,31	/S	VO	0.5	ANY PUB SERV OCC ED G TEC CONSTR @7 G
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HEALTH SCIENCE CAREER CLUSTER

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THERAPEUTIC SERVICES CAREER PATH (HLPA)  
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8417130	ALLIED HEALTH ASSIT Allied Health Assisting	10-12,30,31/				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	
8417131	ALLIED HLTH ASSIST 3 Allied Health Assisting 3/Level 2		/Y	VO	1.0	
8417140	DENTAL AIDE Dental Aide	10-12,30,31/				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	
8417141	DENTAL AIDE 3 Dental Aide 3/Level 2		/Y	VO	1.0	
H170101	DENTAL ASSIST Dental Assisting	30,31	/			DENTL ASST @7 G NURSING ED DENTAL TEC \$7 \$G DENTAL HYG
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	O	0	
DEA0708	DENTAL ASST 1 Dental Assistant (1 of 2)		/Y	O	0	
DEA0712	DENTAL ASST. 2 Dental Assistant (2 of 2)		/Y	O	0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA		GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
H170100	DEN ASST TECH&MGATD Dental Assisting Technology and Management - ATD	30,31	/		DENTL ASST @7 G		DENTAL TEC \$7 \$G DENTAL HYG
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	O		0	
DEA0708	DENTAL ASST 1 Dental Assistant (1 of 2)		/Y	O		0	
DEA0712	Dental Asst. 2 Dental Assistant (2 of 2)		/Y	O		0	
H170102	DEN ASSIST NON-ACCD Dental Assisting, Non-Accredited	30,31	/		DENTL ASST @7 G		DENTAL TEC \$7 \$G DENTAL HYG
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	O		0	
DEA0704	DENTAL ASST, NON-AC1 Dental Assistant, Non-Accredited (1 of 2)		/Y	O		0	
DEA0760	DENTAL ASST, NON-AC2 Dental Assistant, Non-Accredited (2 of 2)		/Y	O		0	
8417150	DEN LAB ASST Dental Laboratory Assisting	10-12,30,31/		VO			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	O		0	
DEA0705	DENTURE TECH 1 Denture Technician (1 of 2)		/Y	O		0	
DEA0713	DENTURE TECH 2 Denture Technician (2 of 2)		/Y	O		0	
DEA0706	ADV DENTURE TECH Advanced Denture Technician		/Y	O		0	
DEA0709	CROWN & BRIDGE TECH Crown and Bridge Technician		/Y	O		0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
DEA0710	CERAMIC TECH Ceramic Technician		/Y O	0	
DEA0005	DENTAL LAB TECH Dental Lab Technician		/Y O	0	
8417160	EKG AIDE Electrocardiograph Aide	10-12,30,31/			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	
W170205	EMT (BASIC) Emergency Medical Technician (Basic)	30,31	/		PRAC NURSE @7 TEC MED @7 NURSING ED PARAMEDIC @7 EMR MED TE @7
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y O	0	
EMS0159	EMER MEDICAL TECH Emergency Medical Technician		/Y O	0	
W170208	EMT (Basic)-ATD Emergency Medical Technician (Basic) -ATD	30,31	/		
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y O	0	
EMS0159	EMER MEDICAL TECH Emergency Medical Technician		/Y O	0	
8417170	FIRST RES First Responder	10-12,30,31/			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	
8417171	FIRST RESP 3 First Responder 3/Level 2		/Y VO	1.0	
8417180	HEALTH UNIT COOR (S) Health Unit Coordinator (Secondary)	10-12,30,31/			CERTIFICATION BY COURSE SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417100	HEALTH SCIENCE 1 Health Science 1/Level 2		/Y VO	1.0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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 G REG NURSE G NURSING ED
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	O	0	
MLT0368	DIALYSIS TECH 1 Dialysis Technician (1 of 2)		/Y	O	0	
MLT0369	DIALYSIS TECH 2 Dialysis Technician (2 of 2)		/Y	O	0	
H170604	HME HLTH AIDE (PS) Home Health Aide (Postsecondary)	30,31	/			PRAC NURSE @7 G NURSING ED REG NURSE G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	O	0	
HCP0330	HOME HEALTH AIDE Home Health Aide		/Y	O	0	
8417190	HME HEALTH AIDE (S) Home Health Aide (Secondary)	10-12,30,31/				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 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	O	0	
MSS0205	MASSAGE THERAPIST 1 Massage Therapist (1 of 2)		/Y	O	0	
MSS0206	MASSAGE THERAPIST 2 Massage Therapist(2 of 2)		/Y	O	0	
H170503	MEDICAL ASSISTING Medical Assisting	30,31	/			SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	O	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
MEA0500	MED OFFICE RECEP Medical Office Receptionist		/Y	O	0
MEA0521	PHLEBOTOMIST, MA Phlebotomist, MA		/Y	O	0
MEA0543	EKG AIDE, MA EKG Aide, MA		/Y	O	0
MEA0550	MEDICAL ASST 1 Medical Assistant (1 of 3)		/Y	O	0
MEA0551	MEDICAL ASST 2 Medical Assistant (2 of 3)		/Y	O	0
MEA0552	MEDICAL ASST 3 Medical Assistant (3 of 3)		/Y	O	0
8417200	MED LAB ASSIST Medical Laboratory Assisting Secondary)	10-12,30,31/		VO	
					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)	10-12,30,31/		VO	
					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 G NURSING ED
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	O	0
HCP0121	NURSE AIDE & ORDERLY Nurse Aide and Orderly (Articulated)		/Y	O	0

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
H170602	NURSING ASSISTANT Nursing Assistant (Long Term Care)	30,31	/			PRAC NURSE @7 G NURSING ED
PRN0090	NURSE AIDE & ORDERLY Nurse Aide and Orderly		/Y	O	0	
H170704	OPTOMETRIC ASSIST Optometric Assisting	30,31	/			TEC OPTICS @7 G OPTOM ASST @7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	O	0	
OPT0005	OPTOMETRIC ASST 1 Optometric Assistant (1 of 3)		/Y	O	0	
OPT0006	OPTOMETRIC ASST 2 Optometric Assistant (2 of 3)		/Y	O	0	
OPT0007	OPTOMETRIC ASST 3 Optometric Assistant (3 of 3)		/Y	O	0	
W170206	PARAMEDIC Paramedic	30,31	/			PRAC NURSE @7 EMR MED TE @7
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	O	0	PARAMEDIC @7 NURSING ED
EMS0219	PARAMEDIC 1 Paramedic (1 of 3)		/Y	O	0	
EMS0220	PARAMEDIC 2 Paramedic (2 of 3)		/Y	O	0	
EMS0221	PARAMEDIC 3 Paramedic (3 of 3)		/Y	O	0	
H170692	PATIENT CARE ASST. Patient Care Assistant	30,31	/			PRAC NURSE @7 G NURSING ED
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	O	0	
HCP0121	NURSE AIDE & ORDERLY Nurse Aide and Orderly (Articulated)		/Y	O	0	
HCP0332	ADV HOME HEALTH AIDE Advanced Home Health Aide		/Y	O	0	
HCP0020	PATIENT CARE ASST Patient Care Assistant		/Y	O	0	
H170694	PATIENT CARE TECH Patient Care Technician	30, 31	/			SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	O	0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
HCP0121	NURSE AIDE & ORDERLY Nurse Aide and Orderly (Articulated)		/Y O	0	
HCP0332	ADV HOME HEALTH AIDE Advanced Home Health Aide		/Y O	0	
HCP0020	PATIENT CARE ASST Patient Care Assistant		/Y O	0	
HSC0016	ALLIED HEALTH ASST Allied Health Assistant		/Y O	0	
MEA0580	ADV ALL HEALTH ASST Advanced Allied Health Assistant		/Y O	0	
PRN0094	PATIENT CARE TECH Patient Care Technician		/Y O	0	
H170507	PHARMACY TECHNICIAN Pharmacy Technician	30,31	/		PHARMACY @7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y O	0	
PTN0080	COMM PHARMACY TECH Community Pharmacy Technician		/Y O	0	
PTN0082	PHARMACY TECH 1 Pharmacy Technician (1 of 2)		/Y O	0	
PTN0083	PHARMACY TECH 2 Pharmacy Technician (2 of 2)		/Y O	0	
H170606	PHARMACY TECH--ATD Pharmacy Technician--ATD	30,31	/		
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y O	0	
PTN0080	COMM PHARMACY TECH Community Pharmacy Technician		/Y O	0	
PTN0082	PHARMACY TECH 1 Pharmacy Technician (1 of 2)		/Y O	0	
PTN0083	PHARMACY TECH 2 Pharmacy Technician (2 of 2)		/Y O	0	
8418300	PRACTICAL NURSING Practical Nursing	10-12,30,31/			PRAC NURSE @7 G NURSING ED
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	REG NURSE G

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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	/			NURSING ED REG NURSE G PRAC NURSE @7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	O	0	
HCP0121	NURSE AIDE & ORDERLY Nurse Aide and Orderly (Articulated )		/Y	O	0	
PRN0091	PRAC NURSE (1 of 4) Practical Nurse (1 of 4)		/Y	O	0	
PRN0092	PRAC NURSE (2 of 4) Practical Nurse (2 of 4)		/Y	O	0	
PRN0093	PRAC NURSE (3 of 4) Practical Nurse (3 of 4)		/Y	O	0	
PRN0095	PRAC NURSE (4 of 4) Practical Nurse (4 of 4)		/Y	O	0	
H181106	PSYCHIATRIC TECH Psychiatric Technology	30,31	/			PRAC NURSE @7 G REG NURSE G MENT HEAL @7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	O	0	
HCP0852	PSYCHIATRIC AIDE Psychiatric Aide		/Y	O	0	
H170211	SURGICAL TECHNOLOGY Surgical Technology	30,31	/			NURSING ED PRAC NURSE @7 G OPR RM TEC @7 G REG NURSE G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	O	0	

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
STS0015	CENTRAL SUPPLY TECH Central Supply Technician		/Y	O	0	
STS0010	SURGICAL TECH 1 Surgical Technologist (1 of 3)		/Y	O	0	
STS0011	SURGICAL TECH 2 Surgical Technologist (2 of 3)		/Y	O	0	
STS0012	SURGICAL TECH 3 Surgical Technologist (3 of 3)		/Y	O	0	
8417230	VISION CARE ASSIST Vision Care Assisting	10-12,30,31/				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)						
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H170209	BASIC X-RAY MACHI Basic X-Ray Machine Operator	30,31	/			TEC X RAY @7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	O	0	
RTE0095	BAS X-RAY MACH OP 1 Basic X-Ray Machine Operator (1 of 2)		/Y	O	0	
RTE0097	BAS X-RAY MACH OP 2 Basic X-Ray Machine Operator (2 of 2)		/Y	O	0	
H170208	EKG TECH Electrocardiograph Technology	30,31	/			LAB TECH @7 G LAB ASST @7 G REG NURSE G RESP THER @7 G EKG @7 G PRAC NURSE @7 G PARAMEDIC @7 G NURSING ED
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	O	0	
MEA0540	EKG AIDE EKG Aide		/Y	O	0	

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
MEA0541	EKG TECH EKG Technician		/Y O	0	
H170204	ELECTRONEURODIAG Electroneurodiagnostic Technology	30,31	/		ENCEPHALGH @7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y O	0	
ETN0005	ELECTRONEURODIAG 1 Electroneurodiagnostic Technologist (1 of 5)		/Y O	0	
ETN0006	ELECTRONEURODIAG 2 Electroneurodiagnostic Technologist (2 of 5)		/Y O	0	
ETN0007	ELECTRONEURODIAG 3 Electroneurodiagnostic Technologist (3 of 5)		/Y O	0	
ETN0008	ELECTRONEURODIAG 4 Electroneurodiagnostic Technologist (4 of 5)		/Y O	0	
ETN0009	ELECTRONEURODIAG 5 Electroneurodiagnostic Technologist (5 of 5)		/Y O	0	
H170308	MED CLIN LAB TEC-ATD Medical Clinical Laboratory Technician-ATD	30,31	/		
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y O	0	
MEA0520	PHLEBOTOMIST Phlebotomist		/Y O	0	
MEA0560	MEDICAL LAB ASST Medical Lab Assistant		/Y O	0	
MEA0570	MED/CLIN LAB TECH 1 Medical/Clinical Lab Technician (1 of 3)		/Y O	0	
MEA0571	MED/CLIN LAB TECH 2 Medical/Clinical Lab Technician (2 of 3)		/Y O	0	
MEA0572	MED/CLIN LAB TECH 3 Medical/Clinical Lab Technician (3 of 3)		/Y O	0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA			GRADUATION			REQUIREMENTS CREDIT CERTIFICATION		
H170306	MED LAB ASSIST Medical Laboratory Assisting (Postsecondary)	30,31	/			TEC MED	!7	G	LAB ASST	@7	G
						LAB TECH	@7	G			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	O	0						
MEA0520	PHLEBOTOMIST Phlebotomist		/Y	O	0						
MEA0560	MEDICAL LAB ASST Medical Lab Assistant		/Y	O	0						
H170307	MED LAB (CERT) Medical Laboratory Technology (Certificate)	30,31	/			TEC MED	!7	G	LAB ASST	@7	G
						LAB TECH	@7	G			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	O	0						
MEA0520	PHLEBOTOMIST Phlebotomist		/Y	O	0						
MEA0560	MEDICAL LAB ASST Medical Lab Assistant		/Y	O	0						
MEA0570	MED/CLIN LAB TECH 1 Medical/Clinical Lab Technician (1 of 3)		/Y	O	0						
MEA0571	MED/CLIN LAB TECH 2 Medical/Clinical Lab Technician (2 of 3)		/Y	O	0						
MEA0572	MED/CLIN LAB TECH 3 Medical/Clinical Lab Technician (3 of 3)		/Y	O	0						
H170302	PHLEBOTOMY Phlebotomy	30,31	/			TEC MED	!7	G	LAB ASST	@7	G
						MED ASST	@7	G	PARAMEDIC	@7	G
						PRAC NURSE	@7	G	REG NURSE		G
						LAB TECH	@7	G			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	O	0						
MEA0520	PHLEBOTOMIST Phlebotomist		/Y	O	0						
W170209	RADIO TEC Radiological Technician	30,31	/			TEC X RAY	@7	G			
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	O	0						
RTE0070	X-RAY TECH (1 of 3) X-Ray Technician (1 of 3)		/Y	O	0						

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
RTE0071	X-RAY TECH (2 of 3) X-Ray Technician (2 of 3)		/Y O	0	
RTE0072	X-RAY TECH (3 of 3) X-Ray Technician (3 of 3)		/Y O	0	
RTE0073	RAD TECH (1 of 4) Radiology Technician (1 of 4)		/Y O	0	
RTE0074	RAD TECH (2 of 4) Radiology Technician (2 of 4)		/Y O	0	
RTE0075	RAD TECH (3 of 4) Radiology Technician (3 of 4)		/Y O	0	
RTE0076	RAD TECH (4 of 4) Radiology Technician (4 of 4)		/Y O	0	
HEALTH INFORMATICS CAREER PATH (HLPC)					
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H180708	HEALTH CARE SERS-ATD Health Care Services-ATD	30,31	/		
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y O	0	
HSC0012	HEALTH SERS SUPR 1 Health Services Supervisor (1 of 3)		/Y O	0	
HSC0013	HEALTH SERS SUPR 2 Health Services Supervisor (2 of 3)		/Y O	0	
H170513	HEALTH UNIT COOR PS Health Unit Coordinator (Postsecondary)	30,31	/		TEC MED @7 G REG NURSE G NURSING ED PRAC NURSE @7 G MED RECTEC @7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y O	0	
HIM0076	HEALTH UNIT CLERK Health Unit Clerk		/Y O	0	
H170526	MED CODER/BILLER Medical Coder/Biller	30,31	/		CER COD SP G MED RECTEC @7 G MED ASST @7 G MED TRANS @7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y O	0	
HIM0071	MEDICAL CODER/BILL 1 Medical Coder/Biller(1 of 3)		/Y O	0	
HIM0072	MEDICAL CODER/BILL 2 Medical Coder/Biller(2 of 3)		/Y O	0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
HIM0073	MEDICAL CODER/BILL 3 Medical Coder/Biller(3 of 3)		/Y O	0	
H170528	MED CODER/BILLER-ATD Medical Coder/Biller-ATD	30,31	/		
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y O	0	
HIM0071	MEDICAL CODER/BILL 1 Medical Coder/Biller(1 of 3)		/Y O	0	
HIM0072	MEDICAL CODER/BILL 2 Medical Coder/Biller(2 of 3)		/Y O	0	
HIM0073	MEDICAL CODER/BILL 3 Medical Coder/Biller(3 of 3)		/Y O	0	
H170506	MED RECORD TRANSCRI Medical Record Transcribing	30,31	/		MED ASST @7 G MED TRANS @7 G MED RECTEC @7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y O	0	
HIM0074	MED TRANSCRIB 1 Medical Transcriber (1 of 3)		/Y O	0	
HIM0075	MED TRANSCRIB 2 Medical Transcriber (2 of 3)		/Y O	0	
HIM0081	MED TRANSCRIB 3 Medical Transcriber (3 of 3)		/Y O	0	
H170508	MED RCD TRANSCRI-ATD Medical Record Transcribing-ATD	30,31	/		
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y O	0	
HIM0002	MED TRANSCRIB 1 ATD Medical Transcriber - ATD (1 of 3)		/Y O	0	
HIM0083	MED TRANSCRIB 2 ATD Medical Transcriber - ATD (2 of 3)		/Y O	0	
HIM0084	MED TRANSCRIB 3 ATD Medical Transcriber - ATD (3 of 3)		/Y O	0	
SUPPORT SERVICES CAREER PATH (HLPD)					
H170502	CENTRAL SERV TECH Central Service Technology	30,31	/		PRAC NURSE @7 G REG NURSE G OPR RM TEC @7 G TEC MED !7 G NURSING ED

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

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	O		0	
MNA0550	STOCK CLERK Stock Clerk, Stockroom or Warehouse		/Y	O		0	
V200434	DIET MGMT & SUPV Dietetic Management and Supervision	30,31	/		HOMEMAKING �7 @7 @2 G SC FOOD SV @6 D HME EC OCC �7 @7 G VOC HME EC @4 @2		QUAN FOOD @7 G �7 GEN HME EC @4 @2 HOME EC @2 FAM CON SC 1
HEV0611	DIETARY MANAGER Dietary Manager		/Y	O		0	
<sup>a</sup> H170599	HOSP HOUSEKEEP SUPV Hospital Housekeeping Supervision	30,31	/		PRAC NURSE @7 G REG NURSE G		TEC MED !7 G NURSING ED
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	O		0	
HEV0530	HOUSEKEEPER, INST Housekeeper, Institutional		/Y	O		0	
HSC0018	HOSP HOUSEKEEP SUPR Hospital Housekeeping Supervisor		/Y	O		0	
V200404	NUTRIT & DIET SERS Nutrition and Dietetic Services	30,31	/		HOMEMAKING �7 @7 @2 G GEN HME EC @4 @2 HME EC OCC �7 @7 G VOC HME EC @4 @2		QUAN FOOD @7 G �7 SC FOOD SV @6 D HOME EC 1 @2 FAM CON SC 1
HEV0610	DIET CLERK Diet Clerk		/Y	O		0	
8530000	NUTRIT & DIET SERS Nutrition and Dietetic Services/ Level 2	9-12,30,31	/Y	VO	HOMEMAKING �7 @2 VOC HME EC @4 SC FOOD SV @6 D HOME EC 1 @2	1.0	HME EC OCC �7 GEN HME EC @4 QUAN FOOD �7 FAM CON SC 1

## BIOTECHNOLOGY RESEARCH &amp; DEVELOPMENT CAREER PATH (HLPE)

�8708100	BIOMED SCIENCES VOC COVERAGE Biomedical Sciences	9-12	/				SEE CURRICULUM FRAMEWORK FOR SPECIFIC
�8708110	PRIN BIOMED SCIENCE Principles of the Biomedical Sciences - Level 3		/	VO		1.0	

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
α8708120	HUMAN BODY SYSTEMS Human Body Systems - Level 3	/	VO		1.0	
α8708130	BIOMED INTERVENTIONS Biomedical Interventions - Level 3	/	VO		1.0	
α8708140	BIOMED SCI RESEARCH Biomedical Science Research - Level 3	/	VO		1.0	
H170206	BIOMED TECH Biomedical Technician	30,31	/			PRAC NURSE @7 G REG NURSE G PHARMACY @7 G NURSING ED LAB TECH @7 G MED PROF G LAB ASST @7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	O		0	
BSC0490	BIOLOGICAL TECH 1 Biological Technician (1 of 3)	/Y	O		0	
BSC0491	BIOLOGICAL TECH 2 Biological Technician (2 of 3)	/Y	O		0	
BSC0492	BIOLOGICAL TECH 3 Biological Technician (3 of 3)	/Y	O		0	

GENERAL HEALTH SCIENCE PROGRAMS

α8400310	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 HEALTH \$6 HOME EC ¶1 ¶2 HEALTH ED \$4
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 HEALTH \$6 HOME EC ¶1 ¶2 HEALTH ED \$4
8499990	HEALTH OCCS ED TRAN Health Occupations Education Transfer	9-12,30,31	/			NA
H000000	HEALTH OCCS ED TRAN Health Occupations Education Transfer	30,31	/			NA
8400410	HSE COOP - OJT Health Science Education Cooperative - OJT	10-12,30,31/M		VO MC		ANY HEALTH OCCUP G

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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 MC			ANY HEALTH OCCUP G
8400320	MEDICAL SKLS SERS Medical Skills and Services	9-12,30,31 /Y	VO		1.0	ANY HEALTH OCCUP G
8500355	NUTRITION & WELLNESS Nutrition and Wellness/Level 2	9-12,30,31 /S	VO		0.5	VOC HME EC @4 HOME EC 1 @2 GEN HME EC @4 FAM CON SC 1
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 NURSING ED REG NURSE 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 /				
*8763000	CMCL FDS & CUL ARTS Commercial Foods and Culinary Arts	9-12,30,31 /				VOC HME EC @4 QUAN FOOD @7 G ¢7 FAM CON SC 1 HOME EC 1 @2 COMM COOK @7 G Y CULINARY 7 G
8763010	CMCL FDS & CUL ART 1 Commercial Foods & Culinary Arts 1/ Level 2	/Y	PA		1.0	
8763020	CMCL FDS & CUL ART 2 Commercial Foods & Culinary Arts 2/ Level 2	/Y	PA		1.0	
8763030	CMCL FDS & CUL ART 3 Commercial Foods & Culinary Arts 3/ Level 2	/Y	PA		1.0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8763040	CMCL FDS & CUL ART 4 Commercial Foods & Culinary Arts 4/ Level 2		/Y PA	1.0	
8763050	CMCL FDS & CUL ART 5 Commercial Foods & Culinary Arts 5/ Level 2		/Y PA	1.0	
8763060	CMCL FDS & CUL ART 6 Commercial Foods & Culinary Arts 6/ Level 2		/Y PA	1.0	
8763070	CMCL FDS & CUL ART 7 Commercial Foods & Culinary Arts 7/ Level 2		/Y VO	1.0	
8763080	CMCL FDS & CUL ART 8 Commercial Foods & Culinary Arts 8/ Level 2		/Y VO	1.0	
8763090	CMCL FDS & CUL ART 9 Commercial Foods & Culinary Arts 9/ Level 2		/Y VO	1.0	
8763091	CMCL FDS & CUL ART10 Commercial Foods & Culinary Arts 10 /Level 2		/Y VO	1.0	
<sup>a</sup> I200403	CMCL FDS & CUL ARTS Commercial Foods and Culinary Arts	30,31	/		COMM COOK @7 G Y CULINARY 7 G QUAN FOOD @7 G 7
HMV0141	BUS PERSON Bus Person		/Y O	0	
HMV0111	STEWARD Steward		/Y O	0	
HMV0109	SALAD PERSON Salad Person		/Y O	0	
HMV0112	UTILITY COOK Utility Cook		/Y O	0	
HMV0107	BREAKFAST COOK Breakfast Cook		/Y O	0	
HMV0101	LINE COOK Line Cook		/Y O	0	
HMV0108	PASTRY COOK Pastry Cook		/Y O	0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
I20040R	CMCL FD& CU ART-APPR Commercial Foods and Culinary Arts - Apprenticeship	30,31	/		
<sup>a</sup> N100100	CMCL FD & CUL ARTS 1 Commercial Foods and Culinary Arts 1	30,31	/Y		COMM COOK @7 G Y CULINARY 7 G QUAN FOOD @7 G φ7
HMV0141	BUS PERSON Bus Person		/Y	O	0
HMV0111	STEWARD Steward		/Y	O	0
HMV0109	SALAD PERSON Salad Person		/Y	O	0
HMV0112	UTILITY COOK Utility Cook		/Y	O	0
HMV0107	BREAKFAST COOK Breakfast Cook		/Y	O	0
<sup>a</sup> N100200	CMCL FD & CUL ARTS 2 Commercial Foods and Culinary Arts 2	30,31	/Y		COMM COOK @7 G Y CULINARY 7 G QUAN FOOD @7 G φ7
HMV0101	LINE COOK Line Cook		/Y	O	0
HMV0108	PASTRY COOK Pastry Cook		/Y	O	0
<sup>a</sup> 8515100	CULINARY OPS Culinary Operations	9-12,30,31	/		VOC HME EC @4 FAM CON SC 1 QUAN FOOD φ7 @7 G HME EC OCC φ7 HOME EC 1 @2 HOMEMAKING φ7 @2 SC FOOD SV @6 G CULINARY 7 G
8515210	CUL OPS 1 Culinary Operations 1/Level 2		/Y	VO	1.0
8515220	CUL OPS 2 Culinary Operations 2/Level 2		/Y	VO	1.0
8515230	CUL OPS 3 Culinary Operations 3/Level 2		/Y	VO	1.0
8515110	CUL OPS 4 Culinary Operations 4/Level 3		/Y	PA	1.0
8515111	CUL OPS 5 Culinary Operations 5/Level 3		/Y	PA	1.0
8515112	CUL OPS 6 Culinary Operations 6/Level 3		/Y	VO	1.0
8515113	CUL OPS 7 Culinary Operations 7/Level 3		/Y	VO	1.0

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/

COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8515114	CUL OPS 8 Culinary Operations 8/Level 3		/Y	VO	1.0	
<sup>a</sup> V200403	CUL OPS Culinary Operations	30,31	/			VOC HME EC @4 @2 HOME EC 1 @2 HME EC OCC ¢7 @7 G SC FOOD SV @6 G CULINARY 7 G GEN HME EC @2 HOMEMAKING ¢7 @7 G @2 QUAN FOOD ¢7 @7 G FAM CON SC 1
HEV0620	FOOD PREP WORKER Food Preparation Worker		/Y	O	0	
HEV0621	COMB FOOD PREP & SR1 Combined Food Preparation and Serving Worker 1		/Y	O	0	
HEV0622	COMB FOOD PREP & SR2 Combined Food Preparation and Serving Worker 2		/Y	O	0	
HEV0623	COOK Cook		/Y	O	0	
HEV0624	COOK, RESTAURANT Cook, Restaurant		/Y	O	0	
HEV0625	FOOD SER & REST MGR Food Service and Restaurant Manager		/Y	O	0	
HEV0626	FOOD SERVICE MANAGER Food Service Manager		/Y	O	0	
V20040R	CUL OPS - APPR Culinary Operations - Apprenticeship	30,31	/			
<sup>a</sup> N110100	CUL OPS 1 Culinary Operations 1	30,31	/Y			VOC HME EC @4 @2 HOME EC 1 @2 QUAN FOOD ¢7 @7 G FAM CON SC 1 GEN HME EC @2 HOMEMAKING ¢7 @7 G @2 SC FOOD SV @6 G CULINARY 7 G
HEV0620	FOOD PREP WORKER Food Preparation Worker		/Y	O	0	
HEV0621	COMB FOOD PREP & SR1 Combined Food Preparation and Serving Worker 1		/Y	O	0	
HEV0622	COMB FOOD PREP & SR2 Combined Food Preparation and Serving Worker 2		/Y	O	0	
HEV0623	COOK Cook		/Y	O	0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS			CREDIT	CERTIFICATION		
<sup>a</sup> N110200	CUL OPS 2 Culinary Operations 2	30,31	/Y				VOC HME EC @4 @2 HOME EC 1 @2 QUAN FOOD 7 @7 G FAM CON SC 1	GEN HME EC @2 HOMEMAKING 7 @7 G @2 SC FOOD SV @6 G CULINARY 7 G	
HEV0624	COOK, RESTAURANT Cook, Restaurant		/Y	O		0			
HEV0625	FOOD SER & REST MGR Food Service and Restaurant Manager		/Y	O		0			
HEV0626	FOOD SERVICE MANAGER Food Service Manager		/Y	O		0			
LODGING CAREER PATH (HTPB)									
8524100	ENVIR SERVS Environmental Services	9-12,30,31 /					VOC HME EC @4 @2 HME EC OCC 7 CUSTODIAL @7 HOMEMAKING 7 @2	GEN HME EC @2 HOME EC 1 @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			
V200610	ENVIR SERVICES Environmental Services	30,31	/				HOMEMAKING 7 @7 @2 G GEN HME EC @2 HOME EC 1 @2 FAM CON SC 1	VOC HME EC @4 @2 HME EC OCC 7 @7 G CUSTODIAL @7 G BLDG MAINT @7 G	
HEV0510	JANITORS/CLEANERS Janitors/Cleaners		/Y	O		0			
HEV0511	SUPERVISOR, JANITOR Supervisor, Janitorial		/Y	O		0			
8830300	LODGING OPS Lodging Operations	9-12,30,31 /					HOTEL TRNG @7 G TEACH CDE @7 MKTG 1 VOC HME EC @4 BUS ED 1 @2	DIST ED @7 MKTG MGMT @7 G HOME EC 1 FAM CON SC 1	
SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE									

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS CREDIT CERTIFICATION		
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 MC	
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 VOC HME EC @4 SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
HMV0740	GUEST SERVICES AGENT Guest Services Agent		/Y	O	0
HMV0201	FRONT DESK AGENT Front Desk Agent		/Y	O	0
HMV0202	LODGING MANAGERS Lodging Managers		/Y	O	0
TRAVEL & TOURISM CAREER PATH (HTPC)					
8845100	HOSPITALITY & TOUR Hospitality and Tourism	9-12,30,31 /			DIST ED @7 TEACH CDE @7 TRANSPORT @7 G MKTG MGMT @7 G SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
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

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA		GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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	MC		
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 HOTEL TRNG @7 G
HMV0740	GUEST SERVICES AGENT Guest Services Agent		/Y	O		0	
HMV0741	RESV & TRANS AGENT Reservation and Transportation Agent		/Y	O		0	
HMV0038	TRAVEL CONSULTANT Travel Consultant		/Y	O		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	O		0	
HMV0037	(AIRLINE) RESERV AGT (Airline) Reservation Agent		/Y	O		0	
HMV0038	TRAVEL CONSULTANT Travel Consultant		/Y	O		0	
HMV0039	TOUR ESCORT Tour Escort		/Y	O		0	
M811058	TRA & TOUR MGMT-ATD Travel and Tourism Management-ATD	30,31	/				SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
HMV0743	RESERVATIONS AGENT Reservations Agent		/Y	O		0	
HMV0051	TRAVEL AGENT/CONSULT Travel Agent/Consultant		/Y	O		0	

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
<sup>a</sup> 8845200	TRAVEL AGENCY OPS Travel Agency Operations	9-12,30,31 /	DIST ED @7 MKTG 1 HOTEL TRNG @7 G		TEACH CDE @7 TRANSPORT @7 G MKTG MGMT @7 G
8845210	TRAVEL AGENCY OPS 1 Travel Agency Operations 1/Level 2	/Y	VO	1.0	
8845220	TRAVEL AGENCY OPS 2 Travel Agency Operations 2/Level 2	/Y	VO	1.0	
8845230	TRAVEL AGENCY OPS 3 Travel Agency Operations 3/Level 2	/Y	VO	1.0	
<sup>a</sup> M811050	TRAVEL AGENCY OPS Travel Agency Operations	30,31 /	TEACH CDE @7 DIST ED @7 HOTEL TRNG @7 G		TRANSPORT @7 G MKTG 1 MKTG MGMT @7 G
HMV0035	TRAVEL AGENTS Travel Agents	/Y	O	0	

GENERAL PROGRAMS

<sup>a</sup> 8809200	CULINARY CAREERS Culinary Careers	6-8,30,31 /		0.5	VOC HME EC @4 FAM CON SC 1	HOME EC 1 @2
<sup>a</sup> 8809300	CUL CAREERS & CP Culinary Careers and Career Planning	6-8,30,31 /		0.5	VOC HME EC @4 FAM CON SC 1	HOME EC 1 @2
8500390	PRIN FOOD PREPR Principles Of Food Preparation/ Level 2	9-12,30,31 /S	VO	0.5	VOC HME EC @4 HOME EC 1 @2	FAM CON SC 1

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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 1 @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 1 @2

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
C200101	HOME & FAMILY MGMT Home and Family Management	30,31	/	VOC HME EC @4 HME EC OCC 7 @7 G HOME EC 1 @2		HOMEMAKING 7 @7 @2 G GEN HME EC @2 FAM CON SC 1
HEV0320	HOMEMAKER/HMA Homemaker/Home Management Advisor		/Y	O	0	
8502000	LIF MGMT SKL Life Management Skills/Level 2	9-12,30,31	/S	LM	0.5	VOC HME EC @4 PRAC NURSE @7 G HOME EC 1 @2 FAM CON SC 1 REG NURSE G
<sup>a</sup> C200111	PARENTING Parenting	30,31	/	VOC HME EC @4 @2 GEN HME EC @2		HOME EC 1 @2 FAM CON SC 1
HEV0131	HOME MGMT ADVISOR Home Management Advisor		/Y	O	0	
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 1 @2 VOC HME EC @4 FAM CON SC 1 PK PRIMARY H

## PERSONAL CARE SERVICES CAREER PATH (HMPD)

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	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS CREDIT CERTIFICATION		
I120402	BARBERING Barbering	30,31 /	BARBERING	@7 G	PERS SERV @7 G
COS0150	RESTRICTED BARBER 1 Restricted Barber (1 of 3)	/Y	O	0	
COS0151	RESTRICTED BARBER 2 Restricted Barber (2 of 3)	/Y	O	0	
COS0152	RESTRICTED BARBER 3 Restricted Barber (3 of 3)	/Y	O	0	
COS0671	BARBER Barber	/Y	O	0	
8757200	COSMETOLOGY Cosmetology	9-12,30,31 /	VO		COSMETOL @7 G PERS SERV @7 G
8757210	GROOM & SAL SERS 1 Grooming and Salon Services Core 1/ Level 2	/S	VO	0.5	
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	
I120404	COSMETOLOGY Cosmetology	30,31 /	COSMETOL	@7 G	PERS SERV @7 G
CSP0015	MANICUR & PEDICUR Manicurist and Pedicurist	/Y	O	0	
CSP0265	FACIALS/SKIN CARE Facials/Skin Care Specialist	/Y	O	0	
COS0005	HAIR & COSMO 1 Hairdresser and Cosmetologist (1 of 2)	/Y	O	0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
COS0006	HAIR & COSMO 2 Hairdresser and Cosmetologist (2 of 2)	/Y	O	0		
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	O	0		
8757400	FACIALS SPEC Facials Specialty	9-12,30,31 /	VO		COSMETOL @7 FACIAL TEC @7	G 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 NAIL TEC @7	G G PERS SERV @7 G
CSP0265	FACIALS/SKIN CARE Facials/Skin Care Specialist	/Y	O	0		
V200602	LIFE CARE SERS Life Care Services	30,31 /			HOMEMAKING 47 @7 GEN HME EC @2 HOME EC 1 @2	G @2 VOC HME EC @4 @2 HME EC OCC 47 @7 G FAM CON SC 1
HEV0120	PERS & HOME CARE AID Personal and Home Care Aide	/Y	O	0		
8757300	NAILS SPEC Nails Specialty	9-12,30,31 /			COSMETOL @7 NAIL TEC @7	G G PERS SERV @7 G
8757210	GROOM & SAL SERS 1 Grooming and Salon Services Core 1/ Level 2	/S	VO	0.5		
8757310	NAILS SPECT 2 Nails Specialty 2/Level 2	/S	VO	0.5		

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA		GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8757320	NAILS SPECT 3 Nails Specialty 3/Level 2		/Y	VO		1.0	
I120414	NAILS SPECIALTY Nails Specialty	30,31	/				COSMETOL @7 G NAIL TEC @7 G PERS SERV @7 G
CSP0015	MANICUR & PEDICUR Manicurist and Pedicurist		/Y	O		0	

## CONSUMER SERVICES CAREER PATH (HMPE)

H170205	FAM HLTH SPT WKR-ATD Family Health Support Worker-ATD	30,31	/				
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	O		0	
PRN0122	FAM HLTH SPT WKR 1 Family Health Support Worker (1 of 2)		/Y	O		0	
PRN0123	FAM HLTH SPT WKR 2 Family Health Support Worker (2 of 2)		/Y	O		0	
H170408	UNIT TRTMT REHAB-ATD Unit Treatment and Rehabilitation-A TD	30,31	/				
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	O		0	
HCP0811	PSYCHIATRIC TECH 1 Psychiatric Technician (1 of 2)		/Y	O		0	
HCP0812	PSYCHIATRIC TECH 2 Psychiatric Technician (2 of 2)		/Y	O		0	

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
----- SUPPLEMENTAL PROGRAMS -----						
8500140	CAR DISC Career Discovery	6-8,30,31	/M	VO MC		VOC HME EC @4 FAM CON SC 1 HOME EC 1 @2
8500100	FAM&CONS SCI DIR ST Family and Consumer Sciences Directed Study	9-12,30,31	/M	VO MC		GEN HME EC @4 VOC HME EC @4 ANY HOME ECONOMICS ED G PRESCH ED A E CHILD ED 2 SC FOOD SV @6 FAM CON SC 1 HOME EC 1 @2 PK PRIMARY H PRIMARY ED @B QUAN FOOD @7 G
8599990	FAM & CONS SCI TRAN Family and Consumer Sciences Transfer	9-12,30,31	/			NA
V000000	FAM & CONS SCI TRAN Family and Consumer Sciences Transfer	30,31	/			NA
8500410	FAM & CONS SCI - OJT Family and Consumer Sciences-OJT	9-12,30,31	/M	VO MC		HOMEMAKING 7 @2 ANY HOME EC/TC COOP ED E G PK PRIMARY H FAM CON SC 1 GEN HME EC @2 PRIMARY ED @B E CHILD ED @0 HOME EC 1 @2 QUAN FOOD @7 G 7 VOC HME EC @4 PRESCH ED A PRIMARY ED @B SC FOOD SV @6 HME EC OCC 7 HME EC OCC 7 @7 G PK PRIMARY H E CHILD ED @0 QUAN FOOD @7 G 7 FAM CON SC 1 HOMEMAKING 7 G @7 @2 VOC HME EC @4 @2 HOME EC 1 @2
V209999	FAM & CONS SCI - OJT Family and Consumer Sciences-OJT	30,31	/			GEN HME EC @2 HOME EC 1 @2 PRESCH ED A PRIMARY ED @B SC FOOD SV @6 HME EC OCC 7 @7 G PK PRIMARY H E CHILD ED @0 QUAN FOOD @7 G 7 FAM CON SC 1 HOMEMAKING 7 G @7 @2 VOC HME EC @4 @2 HOME EC 1 @2
8500230	PERSONAL DEV Personal Development	6-8,30,31	/S	VO	0.5	VOC HME EC @4 FAM CON SC 1 HOME EC 1 @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 1 @2
E92010R	PRE-APPR - APPR Pre-Apprenticeship - Apprenticeship	30,31	/Y			ANY VOCATIONAL FIELD OR COVERAGE

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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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	0		
EEV0502	PC ELECT INSTALLER PC Electronics Installer		/Y	0		
EEV0503	CPT SUP SPEC-LAN Computer Support Specialist - LAN Technician		/Y	0		

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
EEV0506	FIELD SERVICE TECH Field Service Technician		/Y	0	
EEV0508	DIGITAL ELECT TECH Digital Electronics Technician		/Y	0	
αJ500100	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	0	
EEV0502	PC ELECT INSTALLER PC Electronics Installer		/Y	0	
EEV0503	CPT SUP SPEC-LAN Computer Support Specialist - LAN Technician		/Y	0	
αJ500200	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	0	
EEV0508	DIGITAL ELECT TECH Digital Electronics Technician		/Y	0	
8208000	NETWK SPT SERS Network Support Services	9-12,30,31	/		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 OR Computing for College and Careers/ Level 2 OR		/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
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

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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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	/		SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
OTA0040	INFO TECH ASST. Information Technology Assistant		/Y O	0	
EEV0504	CPT SUPPORT ASST Computer Support Assistant		/Y O	0	
CTS0022	NET SPT HELP DESK AS Network Support Help Desk Assistant		/Y O	0	
CTS0023	NET SPT ADMIN Network Support Administrator		/Y O	0	
CTS0024	SR NET ADMINISTRATOR Senior Network Administrator		/Y O	0	
CTS0029	WIRELESS NET ADMIN Wireless Network Administrator		/Y O	0	
EEV0317	DATA COMM ANALYST Data Communication Analyst		/Y O	0	
8207440	NETWK SYSS ADMIN Network Systems Administration	9-12,30,31	/ VO		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 OR Computing for College and Careers/ Level 2 OR		/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	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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	/ VO		SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
OTA0040	INFO TECH ASST. Information Technology Assistant		/Y 0	0	
EEV0504	CPT SUPPORT ASST Computer Support Assistant		/Y 0	0	
CTS0026	NET SUPPORT MGR Network Support Manager		/Y 0	0	
CTS0027	SYSTEMS ADMIN Systems Administrator		/Y 0	0	
CTS0028	SYSTEMS ENGINEER Systems Engineer		/Y 0	0	
CTS0029	WIRELESS NET ADMIN Wireless Network Administrator		/Y 0	0	
EEV0317	DATA COMM ANALYST Data Communication Analyst		/Y 0	0	
8207340	PC SPT SERS PC Support Services	9-12,30,31	/		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 OR Computing for College and Careers/ Level 2 OR		/Y VO	1.0	

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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 2		/Y VO	1.0	
8207230	PC SUPPORT 3 PC Support 3/Level 2		/Y VO	1.0	
8207240	PC SUPPORT 4 PC Support 4/Level 2		/Y VO	1.0	
8207250	PC SUPPORT 5 PC Support 5/Level 2		/Y VO	1.0	
B070400	PC SUPPORT SERS PC Support Services	30, 31	/		SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
OTA0040	INFO TECH ASST. Information Technology Assistant		/Y O	0	
CTS0086	HELP DESK SPT ASST Help Desk Support Assistant		/Y O	0	
CTS0087	HELP DESK TECH Help Desk Technician		/Y O	0	
CTS0088	HELP DESK ANALYST Help Desk Analyst		/Y O	0	

INFORMATION SUPPORT & SERVICES CAREER PATH (ITPB)

8206400	DATAB PGM ESSEN VOC COVERAGE Database and Programming Essentials	9-12,30,31 /			SEE CURRICULUM FRAMEWORK FOR SPECIFIC
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		/S VO	1.0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8206440	SPELZD DATAB APPS Specialized Database Applications/ Level 3		/S	VO	1.0	
αY300100	DATAB PGM ESSEN Database and Programming Essentials	11-12,30,31/				SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
CTS0046	DATABASE FUNDAMENTAL Database Fundamentals		/Y	O	0	
CTS0047	SPEC DATABASE PROG Specialized Database Programming		/Y	O	0	
CTS0067	SPEC DATABASE APPS Specialized Database Applications		/Y	O	0	
8207300	INFORMATION TECH Information Technology	9-12	/			SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8207310	INTROD TO INFO TECH Introduction to Information Technology /Level 2		/Y	PA	1.0	
8207320	PGM/DATAB Programming/Database/Level 3		/Y	VO	1.0	
8203051	TECH SPT/NETWORKING Technical Support/Networking/Level3		/Y	VO	1.0	
8207350	INTERNSHIP Internship/Level 2		/Y	VO	1.0	
8207360	WEB/DIG MEDIA Web/Digital Media/Level 3		/Y	PA	1.0	
αY300300	INFORMATION TECH Information Technology	9-12,30,31 /				SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
OTA0040	INFO TECH ASST. Information Technology Assistant		/Y	O	0	
CTS0040	IT PROG & DATABASE IT Programming & Database		/Y	O	0	
CTS0099	IT TECH SPT & NETWRK IT Technical Support and Networking		/Y	O	0	
CTS0940	IT INTERNSHIP IT Internship		/Y	O	0	
CTS0079	IT WEB & DIG MEDIA IT Web and Digital Media		/Y	O	0	

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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INTERACTIVE MEDIA CAREER PATH (ITPC)  
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8208400	GAME,SIM&ANI ADV APP Game, Simulation & Animation Advanced Applications	9-12,30,31	/Y			BUS ED 1 @2 COMM ART @7 G COMM DRIV G	COMPU SCI 1 6 @2 TV PRO TEC @7
B082400	GAME,SIM&ANI ADV APP Game, Simulation & Animation Advanced Applications	30,31	/Y			BUS ED 1 @2 COMM ART @7 G	COMPU SCI 1 6 @2 TV PRO TEC @7 G
DIG0077	GAME SIM PROJ MGR Game Simulation Project Manager		/Y	O	0		
8208200	GAME,SIM&ANI AUD/VID Game, Simulation & Animation Audio/Video Effects	9-12,30,31	/Y			BUS ED 1 @2 COMM ART @7 G	COMPU SCI 1 6 @2 TV PRO TEC @7 G
8208110	GAME & SIM FOUND Game and Simulation Foundations/Level 2		/Y	PA	1.0		
8208120	GAME & SIM DSN Game and Simulation Design/Level 2		/Y	PA	1.0		
8208230	GAME,SIM AUD&SND EFF Game, Simulation Audio and Sound Effects/Level 2		/Y	VO	1.0		
8208240	GAME,SIM VID&SPEC EF Game/Simulation Video and Special Effects/Level 2		/Y	VO	1.0		
B082200	GAME,SIM&ANI AUD/VID Game, Simulation & Animation Audio/Video Effects	30,31	/Y			BUS ED 1 @2 COMM ART @7 G	COMPU SCI 1 6 @2 TV PRO TEC @7 G
DIG0070	GAME/SIM DESIGNER Game/Simulation Designer		/Y	O	0		
DIG0073	DIGITAL MEDIA ART Digital Media Artist		/Y	O	0		
DIG0074	DIGITAL MEDIA SPEC Digital Media Specialist		/Y	O	0		
8208300	GAME,SIM & ANI PGM Game, Simulation & Animation Programming	9-12,30,31	/Y			BUS ED 1 @2 COMM ART @7 G	COMPU SCI 1 6 @2 TV PRO TEC @7 G
8208110	GAME & SIM FOUND Game and Simulation Foundations/Level 2		/Y	PA	1.0		

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8208120	GAME & SIM DSN Game and Simulation Design/Level 2		/Y	PA	1.0	
8208330	GAME/SIM PRGM Game/Simulation Programming/Level 2		/Y	VO	1.0	
8208340	MULTI-USER GAME/SIM Multi-User Game/Simulation Programming /Level 2		/Y	VO	1.0	
B082300	GAME,SIM & ANI PGM Game, Simulation & Animation Programming	30,31	/Y			BUS ED 1 @2 COMM ART @7 G COMPU SCI 1 6 @2 TV PRO TEC @7 G
DIG0070	GAME/SIM DESIGNER Game/Simulation Designer		/Y	O	0	
DIG0075	GAME PROGRAMMER Game Programmer		/Y	O	0	
DIG0076	GAME SOFT DEVELOP Game Software Developer		/Y	O	0	
8208100	GAME,SIM&ANI VIS DSN Game, Simulation & Animation Visual Design	9-12,30,31	/Y			BUS ED 1 @2 COMM ART @7 G COMPU SCI 1 6 @2 TV PRO TEC @7 G
8208110	GAME & SIM FOUND Game and Simulation Foundations/Level 2		/Y	PA	1.0	
8208120	GAME & SIM DSN Game and Simulation Design/Level 2		/Y	PA	1.0	
8208130	2-D GRAPH DEV 2-D Graphic Development/Level 2		/Y	VO	1.0	
8208140	3-D GRAPH ANI 3-D Graphic Animation/Level 2		/Y	VO	1.0	
B082100	GAME,SIM&ANI VIS DSN Game, Simulation & Animation Visual Design	30,31	/Y			BUS ED 1 @2 COMM ART @7 G COMPU SCI 1 6 @2 TV PRO TEC @7 G
DIG0070	GAME/SIM DESIGNER Game/Simulation Designer		/Y	O	0	
DIG0071	GAME/SIM GRAPH ART Game/Simulation Graphic Artist		/Y	O	0	
DIG0072	GAME/SIM 3D ANIMATOR Game/Simulation 3D Animator		/Y	O	0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8212400	MULTIMED DESIGN TECH Multimedia Design Technology	9-12,30,31 /		BUS ED 1 @2 CLERICAL @7 G TEACH CBE @7 ELECT DP @7 G COMPU SCI 1 @6 @2 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
8209020	CPT FOR COLG &CAR OR Computing for College and Careers/ Level 2 OR		/Y	VO	1.0	
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND		/S	VO	0.5	
8207310	INTROD TO INFO TECH Introduction to Information Technology/Level 2		/Y	PA	1.0	
8212430	MULTIMED FOUND 1 Multimedia Foundations 1/Level 2		/Y	PA	1.0	
8207110	WEB DESIGN 1 Web Design 1/Level 2		/Y	PA	1.0	
8212440	MULTIMED FOUND 2 Multimedia Foundations 2/Level 2		/Y	PA	1.0	
8212450	MULTIMED FOUND 3 Multimedia Foundations 3/Level 2		/Y	PA	1.0	
B070200	MULTIMED DESIGN TECH Multimedia Design Technology	30,31 /		BUS ED 1 @2 CLERICAL @7 G TEACH CBE @7 ELECT DP @7 G COMPU SCI 1 @6 @2 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
OTA0040	INFO TECH ASST. Information Technology Assistant		/Y	0	0	
GRA0005	MULTIMED PROD ASST Multimedia Production Assistant (Multimedia Essentials 1) 2 of 2		/Y		0	
GRA0006	MULTIMED JR DSN Multimedia Junior Designer (Multimedia Essentials 2)		/Y		0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
GRA0007	MULTIMED DESIGNER Multimedia Designer (Video Editing for Multimedia)		/Y	0	
GRA0008	MULTIMED PRODUCER Multimedia Producer (Multimedia Authoring)		/Y	0	
GRA0009	MULTIMEDIA SPEC Multimedia Specialist		/Y	0	0
αY600100	MULTIMED DSN TECH 1 Multimedia Design Technology 1	30,31	/Y		BUS ED 1 @2 CLERICAL @7 G TEACH CBE @7 ELECT DP @7 G COMPU SCI 1 @6 @2 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
OTA0040	INFO TECH ASST. Information Technology Assistant		/Y	0	0
GRA0005	MULTIMED PROD ASST Multimedia Production Assistant (Multimedia Essentials 1) 2 of 2		/Y	0	
GRA0006	MULTIMED JR DSN Multimedia Junior Designer (Multimedia Essentials 2)		/Y	0	
αY600200	MULTIMED DSN TECH 2 Multimedia Design Technology 2	30,31	/Y		BUS ED 1 @2 CLERICAL @7 G TEACH CBE @7 ELECT DP @7 G COMPU SCI 1 @6 @2 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
GRA0007	MULTIMED DESIGNER Multimedia Designer (Video Editing for Multimedia)		/Y	0	
GRA0008	MULTIMED PRODUCER Multimedia Producer (Multimedia Authoring)		/Y	0	
GRA0009	MULTIMEDIA SPEC Multimedia Specialist		/Y	0	0

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

## COURSES MEETING

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8207400	NEW MEDIA TECH New Media Technology	9-12,30,31 /	BUS ED 1 @2 TEACH CBE @7 TEC ELEC @7 G BUS DP @7 G WHOLESALE @7 G COMPU SCI 1 @6 @2 TEC ED 1 @2		CLERICAL @7 G ELECT DP @7 G COMM ART @7 G VOE @7 STENOGR @7 G TV PRO TEC @7 G SECRETAR @7 G
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND		/S VO	0.5	
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR		/S VO	0.5	
8209020	CPT FOR COLG &CAR OR Computing for College and Careers/ Level 2 OR		/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 Media and Digital Imaging Fundamentals/Level 2		/Y PA	1.0	
8207420	DIG VID SOUND FUND Digital Video and Sound Fundamentals /Level 2		/Y PA	1.0	
8207110	WEB DESIGN 1 Web Design 1/Level 2		/Y PA	1.0	
B077400	NEW MEDIA TECH New Media Technology	30,31 /	BUS ED 1 @2 TEACH CBE @7 TEC ELEC @7 G BUS DP @7 G SECRETAR @7 G COMPU SCI 1 @6 @2 TEC ED 1 @2		CLERICAL @7 G ELECT DP @7 G COMM ART @7 G VOE @7 STENOGR @7 G TV PRO TEC @7 G
OTA0040	INFO TECH ASST. Information Technology Assistant		/Y 0	0	
GRA0001	PRESENTATION SPEC Presentation Specialist		/Y 0	0	
GRA0002	PRESENT GRAPH ARTIST Presentation Graphic Artist		/Y 0	0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
GRA0003	WEB PROD/DESIGN ASST Web Production/Design Assistant		/Y O	0	
8207500	WEB DESIGN Web Design	9-12,30,31 /			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 OR Computing for College and Careers/ Level 2 OR		/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 2		/Y PA	1.0	
8207130	WEB DESIGN 3 Web Design 3/Level 2		/Y PA	1.0	
8207140	WEB DESIGN 4 Web Design 4/Level 2		/Y PA	1.0	
8207150	WEB DESIGN 5 Web Design 5/Level 2		/Y PA	1.0	
8207160	WEB DESIGN 6 Web Design 6/Level 2		/Y PA	1.0	
B070500	WEB DESIGN Web Design	30, 31 /			SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
OTA0040	INFO TECH ASST. Information Technology Assistant		/Y O	0	
CTS0076	ASST WEB DESIGNER Assistant Web Designer		/Y O	0	
CTS0077	WEB DESIGNER Web Designer		/Y O	0	
CTS0078	SR WEB DESIGNER Senior Web Designer		/Y O	0	

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
B079200	WEB PGM SERS Web Programming Services	30, 31	/			SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
CTS0011	WEB DEVELOPER ASST Web Developer Assistant		/Y	O	0	
CTS0012	DATABASE SPEC Database Specialist		/Y	O	0	
CTS0013	JR APP DEVELOPER Junior Application Developer		/Y	O	0	
CTS0014	WEB APP DEVELOPER Web Application Developer		/Y	O	0	
PROGRAMMING & SOFTWARE DEVELOPMENT CAREER PATH (ITPD)						
8206500	BUSINESS CPTR PGM Business Computer Programming	9-12,30,31	/			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 OR Computing for College and Careers/ Level 2 OR		/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	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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	/		
OTA0040	INFO TECH ASST. Information Technology Assistant		/Y 0	0	
CTS0041	CPT PROGRAMMER ASST Computer Programmer Assistant		/Y 0	0	
CTS0042	JR PROGRAMMER Junior Programmer		/Y 0	0	
CTS0043	JR PROGRAMMER II Junior Programmer II		/Y 0	0	
CTS0044	CPT PROGRAMMER Computer Programmer		/Y 0	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	0	0				
CJK0031	CMS FIRST AIDE/CJO CMS First Aide for Criminal Justice Officers		/Y	0	0				
CJK0040	CMS CRIM JUST FIREAR CMS Criminal Justice Firearms		/Y	0	0				
CJK0051	CMS CRIM JUST DEF TA CMS Criminal Justice Defensive Tactics		/Y	0	0				
P430102	CORR OFFICER Correctional Officer	30,31	/			CORR OFF @7 G PUB SERV @7 G		LAW ENF @7 G	

## 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			
CJK0270	CRIM JUSTICE LEGAL 1 Criminal Justice Legal 1		/Y	0	0			
CJK0285	CRIM JUSTICE LEGAL 2 Criminal Justice Legal 2		/Y	0	0			
CJK0286	CRIM JUSTICE COMM Criminal Justice Communications		/Y	0	0			
CJK0100	INTERPER SKILLS 1 Interpersonal Skills 1		/Y	0	0			
CJK0101	INTERPER SKILLS 2 Interpersonal Skills 2		/Y	0	0			
CJK0051	CMS CRIM JUST DEF TA CMS Criminal Justice Defensive Tactics		/Y	0	0			
CJK0040	CMS CRIM JUST FIREAR CMS Criminal Justice Firearms		/Y	0	0			
CJK0031	CMS FIRST AIDE/CJO CMS First Aide for Criminal Justice Officers		/Y	0	0			
CJK0480	EMERGENCY PREPARE Emergency Preparedness		/Y	0	0			
CJK0102	CORRECTIONAL OPS Correctional Operations		/Y	0	0			
CJK0280	CJ OFF PHY FIT TR/CO Criminal Justice Officer Physical Fitness Training/Correctional Office		/Y	0	0			
P430122	CORR PRO OFR Correctional Probation Officer	30,31	/			LAW ENF @7 G PUB SERV @7 G		CORR OFF @7 G
CJK0271	CORR PROB LEGAL Correctional Probation Legal		/Y	0	0			
CJK0272	CORR PROB COMM SKILL Correctional Probation Communication Skills		/Y	0	0			
CJK0273	CORR PROB CASE MGMT Correctional Probation Caseload Management		/Y	0	0			
CJK0274	CORR PROB SUPERVIS Correctional Probation Supervision		/Y	0	0			
CJK0275	CORR PROB INVEST Correctional Probation Investigations		/Y	0	0			

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
CJK0276	CORR PROB MGMT INFO Correctional Probation Management Information Systems		/Y O	0	
CJK0051	CMS CRIM JUST DEF TA CMS Criminal Justice Defensive Tactics		/Y O	0	
CJK0031	CMS FIRST AIDE/CJO CMS First Aide for Criminal Justice Officers		/Y O	0	
CJK0255	CMS CORR PROB FIREAR CMS Correctional Probation Firearms		/Y O	0	
CJK0281	CJ OFF PHY FIT TR/PO Criminal Justice Officer Physical Fitness Training/Probation Officer		/Y O	0	
P430132	CROSSOVER CO TO CPO Crossover 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 O	0	
CJK0231	CORR CO TO CP:SUPERV Correctional Cross-Over to Correctional Probation Supervision		/Y O	0	
CJK0232	CORR CO TO CP:INVEST Correctional Cross-Over to Correctional Probation Investigations		/Y O	0	
CJK0276	CORR PROB MGMT INFO Correctional Probation Management Information Systems		/Y O	0	
CJK0273	CORR PROB CASE MGMT Correctional Probation Caseload Management		/Y O	0	
P430125	CROSSOVER CO TO LEO Crossover 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 O	0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
CJK0222	CORR CO TO LE COMM Correctional Cross-over to Law Enforcement Communications	/Y	0	0	
CJK0223	CORR CO TO LE HUMAN Correctional Cross-over to Law Enforcement Human Issues	/Y	0	0	
CJK0061	PATROL 1 Patrol 1	/Y	0	0	
CJK0062	PATROL 2 Patrol 2	/Y	0	0	
CJK0076	CRIME SCENE INVEST Crime Scene Investigations	/Y	0	0	
CJK0071	CRIMINAL INVEST Criminal Investigations	/Y	0	0	
CJK0082	TRAFFIC STOPS Traffic Stops	/Y	0	0	
CJK0086	TRAF CRASH INVEST Traffic Crash Investigations	/Y	0	0	
CJK0020	CMS LAW ENF VEH OPS CMS Law Enforcement Vehicle Operations	/Y	0	0	
CJK0422	DART FIRING STUN GUN Dart Firing Stun Gun	/Y	0	0	
CJK0083	DUI TRAFFIC STOPS DUI Traffic Stops	/Y	0	0	
CJK0212	CROSS CORR/LE CMS HL Crossover Correctional To Law Enforcement CMS High Liability	/Y	0	0	
P430152	CROSSOVER LEO TO CO Crossover Law Enforcement Officer t o Correctional Officer	30,31	/		LAW ENF @7 G CORR OFF @7 G PUB SERV @7 G
CJK0204	LE CO TO CORR INTRO Law Enforcement Cross-Over to Correctional Introduction	/Y	0	0	
CJK0101	INTERPER SKILLS 2 Interpersonal Skills 2	/Y	0	0	
CJK0480	EMERGENCY PREPARE Emergency Preparedness	/Y	0	0	
CJK0102	CORRECTIONAL OPS Correctional Operations	/Y	0	0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
P430162	CROSSOVER LEO TO CPO Crossover Law Enforcement Officer t o Correctional Probation Officer	30,31 /		LAW ENF @7 G CORR OFF @7 G		PUB SERV @7 G
CJK0252	LE CO TO CP LEGAL Law Enforcement Cross-Over to Correctional Probation Legal & Investigation		/Y	O	0	
CJK0256	LE CO TO CP CASELOAD Law Enforcement Cross-Over to Correctional Probation Caseload Management		/Y	O	0	
CJK0257	LE CO TO CP SUPERVIS Law Enforcement Cross-Over to Correctional Probation Supervision		/Y	O	0	
CJK0276	CORR PROB MGMT INFO Correctional Probation Management I Information Systems		/Y	O	0	

## EMERGENCY &amp; FIRE MANAGEMENT SERVICES CAREER PATH (LWPB)

<sup>a</sup> P430203	FIRE APPARATUS OPER ®PUMP OPERATOR <sup>a</sup> Fire Apparatus Operator ®Pump Operator	30,31 /				FIRE FIGHT @7 G
FFP0360	<sup>a</sup> DR/ENGR, PUMP OP ®FIRE APPARATUS OP <sup>a</sup> Driver/Engineer, Pump Operator ®Fire Apparatus Operator		/Y	O	0	
<sup>a</sup> 8918100	FIRE FIGHTER II ®FIRE FIGHTER <sup>a</sup> Fire Fighter II ®Fire Fighter	10-12,30,31/				FIRE FIGHT @7 G PUB SERV @7 G
8417171	FIRST RESP 3 First Responder 3/Level 2		/Y	VO	1.0	
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	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS CREDIT CERTIFICATION		
<sup>a</sup> P430205	FIRE FIGHTER II @FIRE FIGHTER <sup>a</sup> Fire Fighter II @Fire Fighter	30,31 /	FIRE FIGHT @7	G	PUB SERV @7 G
FFP0010	FIRE FIGHTER I Fire Fighter I	/Y	O	0	
FFP0020	FIRE FIGHTER II Fire Fighter II	/Y	O	0	
FFP0360	<sup>a</sup> DR/ENGR, PUMP OP @FIRE APPARATUS OP <sup>a</sup> Driver/Engineer, Pump Operator @Fire Apparatus Operator	/Y	O	0	
FFP0363	EVOC EVOC	/Y	O	0	
FFP0142	MED FIRST RESPONDER Medical First Responder	/Y	O	0	
P43020R	FIRE FIGHT - APPR Fire Fighter II - Apprenticeship	30,31 /			
<sup>a</sup> P430204	FIRE INSPECTOR I @FIRESAFETY INSPECTOR <sup>a</sup> Fire Inspector I @Firesafety Inspector	30,31 /	FIRE FIGHT @7	G	
FFP0560	FIRE INSPECTOR I Fire Inspector I	/Y	O	0	
FFP0562	FIRESAFETY INSPEC II Firesafety Inspector II	/Y	O	0	
P430207	FIRE INSTRUCTOR Fire Instructor	30,31 /	FIRE FIGHT @7	G	
FFP0160	FIRE INSTRUCTOR I Fire Instructor I	/Y	O	0	
FFP0161	FIRE INSTRUCTOR II Fire Instructor II	/Y	O	0	
FFP0162	FIRE INSTRUCT III Fire Instructor III	/Y	O	0	
P430202	FIRE INVESTIGATOR I Fire Investigator I	30,31 /	FIRE FIGHT @7	G	
FFP0660	FIRE INVESTIGATOR I Fire Investigator I	/Y	O	0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
FFP0661	FIRE INVEST II Fire Investigator II		/Y O	0	
P430206	FIRE OFFICER I Fire Officer I	30,31	/		FIRE FIGHT @7 G
FFP0010	FIRE FIGHTER I Fire Fighter I		/Y O	0	
FFP0760	FIRE OFFICER I Fire Officer I		/Y O	0	
FFP0761	FIRE OFFICER II Fire Officer II		/Y O	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 O	0	
CJK0112	TRAF ACCIDENT INVEST Traffic Accident Investigator		/Y O	0	
CJK0114	POLICE SERVICE AIDE Police Service Aide		/Y O	0	
P090101	PUBLIC SAF TELE Public Safety Telecommunication	30,31	/		LAW ENF @7 G FIRE FIGHT @7 CORR OFF @7 G PUB SAF TE @7 G
EMS0002	DISP: POL,FIRE, AMB Dispatcher: Police, Fire, Ambulance		/Y O	0	
EMS0004	EMER MEDICAL DISP Emergency Medical Dispatcher		/Y O	0	
*P430201	SPEC FIRE SAFETY INS Special Fire Safety Inspector	30,31	/		FIRE FIGHT @7 G
FFP0561	SP FIRESAFETY INSPEC Special Firesafety Inspector		/Y O	0	

## SECURITY &amp; PROTECTIVE SERVICES CAREER PATH (LWPC)

⊠P430208	PRIV INVEST INTERN Private Investigator Intern	30,31	/		ANY ACADEMIC OR VOCATIONAL FIELD
SCY0051	PRIV INVEST INTERN 1 Private Investigator Intern (1 of 2)		/Y O	0	
SCY0052	PRIV INVEST INTERN 2 Private Investigator Intern (2 of 2)		/Y O	0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS			CREDIT	CERTIFICATION					
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	O	0							
CJK0134	ARMED PRIV SEC OFF Armed Private Security Officer		/Y	O	0							
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	O	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	O	0							
CJK0241	LE AUX PAT & TRAFFIC Law Enforcement Auxiliary Patrol and Traffic		/Y	O	0							
CJK0242	LE AUX INVESTIGATION Law Enforcement Auxiliary Investigations		/Y	O	0							
CJK0422	DART FIRING STUN GUN Dart Firing Stun Gun		/Y	O	0							
CJK0031	CMS FIRST AIDE/CJO CMS First Aide for Criminal Justice Officers		/Y	O	0							
CJK0040	CMS CRIM JUST FIREAR CMS Criminal Justice Firearms		/Y	O	0							
CJK0051	CMS CRIM JUST DEF TA CMS Criminal Justice Defensive Tactics		/Y	O	0							
CJK0020	CMS LAW ENF VEH OPS CMS Law Enforcement Vehicle Operations		/Y	O	0							
8918000	CRIMINAL JUST OPS Criminal Justice Operations	9-12,30,31 /					CORR OFF	@7	G	LAW ENF	@7	G
8918010	CRIMINAL JUST OPS 1 Criminal Justice Operations 1/Level 2		/Y	VO	1.0		PUB SERV	@7	G			

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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	
P430199	CRIMINAL JUST OPS Criminal Justice Operations	30,31	/		CORR OFF @7 G PUB SERV @7 G LAW ENF @7 G
CJK0120	POL SERVICE AIDE-CJO Police Service Aide- Criminal Justice Operations		/Y	0	0
P430142	CROSSOVER CPO TO CO Crossover Correctional Probation Officer to Correctional Officer	30,31	/		LAW ENF @7 G CORR OFF @7 G PUB SERV @7 G
CJK0277	CP CO TO CORR LEGAL Correctional Probation Cross-Over to Correctional Legal and Communication		/Y	0	0
CJK0278	CP CO TO CORR SKILL1 Correctional Probation Cross-Over to Correctional Interpersonal Skill1		/Y	0	0
CJK0279	CP CO TO CORR SKILL2 Correctional Probation Cross-Over to Correctional Interpersonal Skill2		/Y	0	0
CJK0480	EMERGENCY PREPARE Emergency Preparedness		/Y	0	0
CJK0102	CORRECTIONAL OPS Correctional Operations		/Y	0	0
CJK0040	CMS CRIM JUST FIREAR CMS Criminal Justice Firearms		/Y	0	0
P430107	CROSSOVER CPO TO LEO Crossover Correctional Probation 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	0	0
CJK0222	CORR CO TO LE COMM Correctional Cross-over to Law Enforcement Communications		/Y	0	0
CJK0223	CORR CO TO LE HUMAN Correctional Cross-over to Law Enforcement Human Issues		/Y	0	0

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
CJK0061	PATROL 1 Patrol 1		/Y O	0	
CJK0062	PATROL 2 Patrol 2		/Y O	0	
CJK0076	CRIME SCENE INVEST Crime Scene Investigations		/Y O	0	
CJK0071	CRIMINAL INVEST Criminal Investigations		/Y O	0	
CJK0082	TRAFFIC STOPS Traffic Stops		/Y O	0	
CJK0086	TRAF CRASH INVEST Traffic Crash Investigations		/Y O	0	
CJK0020	CMS LAW ENF VEH OPS CMS Law Enforcement Vehicle Operations		/Y O	0	
CJK0422	DART FIRING STUN GUN Dart Firing Stun Gun		/Y O	0	
CJK0040	CMS CRIM JUST FIREAR CMS Criminal Justice Firearms		/Y O	0	
CJK0083	DUI TRAFFIC STOPS DUI Traffic Stops		/Y O	0	
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 O	0	
CJK0008	LEGAL Legal		/Y O	0	
CJK0017	COMMUNICATIONS Communications		/Y O	0	
CJK0011	HUMAN ISSUES Human Issues		/Y O	0	
CJK0061	PATROL 1 Patrol 1		/Y O	0	
CJK0062	PATROL 2 Patrol 2		/Y O	0	
CJK0076	CRIME SCENE INVEST Crime Scene Investigations		/Y O	0	
CJK0071	CRIMINAL INVEST Criminal Investigations		/Y O	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			
CJK0082	TRAFFIC STOPS Traffic Stops		/Y	O	0		
CJK0086	TRAF CRASH INVEST Traffic Crash Investigations		/Y	O	0		
CJK0020	CMS LAW ENF VEH OPS CMS Law Enforcement Vehicle Operations		/Y	O	0		
CJK0031	CMS FIRST AIDE/CJO CMS First Aide for Criminal Justice Officers		/Y	O	0		
CJK0040	CMS CRIM JUST FIREAR CMS Criminal Justice Firearms		/Y	O	0		
CJK0051	CMS CRIM JUST DEF TA CMS Criminal Justice Defensive Tactics		/Y	O	0		
CJK0422	DART FIRING STUN GUN Dart Firing Stun Gun		/Y	O	0		
CJK0096	CJ OFF PHYS FIT TRA Criminal Justice Officer Physical Fitness Training/Law Enforcement		/Y	O	0		
CJK0083	DUI TRAFFIC STOPS DUI Traffic Stops		/Y	O	0		
LEGAL SERVICES CAREER PATH (LWPE)							
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P430135	BAIL BOND AGENT Bail Bond Agent	30,31	/			LAW ENF	@7 G
SCY0050	BAIL BOND AGENT Bail Bond Agent		/Y	O	0		
8900220	EX OF CJ OCCS Exploration of Criminal Justice Occupations	6-9,30,31	/S	VO		LAW ENF ANY PUB SERV OCC ED	@7 G CORR OFF @7 G
GENERAL PROGRAMS							
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8900222	EXP OF CJ OCCS & CP Exploration of Criminal Justice Occupations and Career Planning	6-9,30,31	/S	VO		LAW ENF ANY PUB SERV OCC ED	@7 G CORR OFF @7 G

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8900410	PUB SERV COOP ED-OJT Public Service Cooperative Education - OJT	9-12,30,31 /M	VO MC		ANY PUB SERV OCC ED G
P439999	PUB SERV COOP ED-OJT Public Service Cooperative Education -OJT	30,31 /			ANY PUB SERV OCC ED G
8900100	PUB SERV DIR STUDY Public Service Education Directed Study	9-12,30,31 /M	VO MC		ANY PUB SERV OCC ED G
8999990	PUB SERV ED TRAN Public Service Education Transfer	9-12,30,31 /			NA
P000000	PUB SERV ED TRAN Public Service Education Transfer	30,31 /			NA

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MANUFACTURING CAREER CLUSTER

## MANUFACTURING PRODUCTION PROCESS CAREER PATH (MNPA)

9200100	AUTO & PROD TECH Automation and Production Technology	9-12,30,31 /Y			AUTO PROD 7G ENG 7 G TEC ED @2	ELECTRONIC @7 G
9200110	AUTO & PROD TECH 1 Automation and Production Technology 1, Level 2	/Y	VO	1		
9200120	AUTO & PROD TECH 2 Automation and Production Technology 2, Level 2	/Y	VO	1		
9200130	AUTO & PROD TECH 3 Automation and Production Technology 3, Level 3	/Y	VO	1		
9200140	AUTO & PROD TECH 4 Automation and Production Technician 4, Level 3	/Y	VO	1		

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
ϡJ100100	AUTO & PROD TECH Automation and Production Technology	9-12,30,31	/Y			AUTO PROD 7G ENG 7 G TEC ED @2 ELECTRONIC @7 G
ETI0481	PRODUCTION WORKER Production Worker		/Y	O	0	
ETI0482	ASSEMBLER Assembler		/Y	O	0	
ETI0484	PROCESS ASSISTANT Process Assistant		/Y	O	0	
ETI0485	AUTO & PROD TECH Automation and Production Technician		/Y	O	0	
I480202	CMCL SGN DESIGN&FAB Commercial Sign Design and Fabrication	30,31	/			COMM ART @7 G
GRA0030	SCREEN PRINTER HLP Screen Printer Helper		/Y	O	0	
GRA0031	SCREEN PRINTER Screen Printer		/Y	O	0	
GRA0032	SIGN FAB 1 Sign Fabricator (1 of 2)		/Y	O	0	
GRA0033	SIGN FAB 2 Sign Fabricator (2 of 2)		/Y	O	0	
GRA0034	SIGN ERECTOR I Sign Erector I		/Y	O	0	
I48020R	CMCL SGN DSNFAB-APPR Commercial Sign Design and Fabricat ion - Apprenticeship	30,31	/			
I150404	ELEC & INST TECH Electrical and Instrumentation Tech nology	30,31	/			TEC ELEC @7 G ELECTRONIC @7 G
EEV0650	ELECTRICIAN (CONST) Electrician (Construction)		/Y		0	
EEV0652	INSTRUMENT MECH Instrument Mechanic		/Y		0	
EEV0654	ELECTRICIAN MAINT Electrician Maintenance		/Y		0	
EEV0656	INSTRUMENT TECH Instrument Technician		/Y		0	
EEV0658	OP ENGR ASST STAT Operating Engineer Assistant Stationary		/Y		0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
⊕J110100	ELEC & INST TECH 1 Electrical and Instrumentation Technology 1	30,31	/Y	TEC ELEC @7	G ELECTRONIC @7 G
EEV0650	ELECTRICIAN (CONST) Electrician (Construction)		/Y		0
EEV0652	INSTRUMENT MECH Instrument Mechanic		/Y		0
EEV0654	ELECTRICIAN MAINT Electrician Maintenance		/Y		0
⊕J110200	ELEC & INST TECH 2 Electrical and Instrumentation Technology 2	30,31	/Y	TEC ELEC @7	G ELECTRONIC @7 G
EEV0656	INSTRUMENT TECH Instrument Technician		/Y		0
EEV0658	OP ENGR ASST STAT Operating Engineer Assistant Stationary		/Y		0
I150403	ELECTROMECH TECH Electromechanical Technology	30,31	/	TEC MECH @7 TEC ELEC @7	G ELECTRONIC @7 G
EEV0010	ELECTRONICS ASMBR Electronics Assembler		/Y		0
EEV0100	ELECTRONICS TESTER Electronics Tester		/Y		0
EEV0500	ELECT EQUIP RPR Electronics Equipment Repairer		/Y		0
EEV0616	ELECTRONICS TECH Electronics Technician		/Y		0
ETM0866	INDUS PKG MACH MAIN1 Industrial Packing Machine Maintenance Mechanic 1 (1 of 2)		/Y		0
ETM0867	INDUS PKG MACH MAIN2 Industrial Packing Machine Maintenance Mechanic 2 (2 of 2)		/Y		0
ETM0868	ELECTROMECH TECH 1 Electromechanical Technician 1 (1 of 2)		/Y		0
ETM0869	ELECTROMECH TECH 2 Electromechanical Technician 2 (2 of 2)		/Y		0
⊕J120100	ELECTROMECH TECH 1 Electromechanical Technology 1	30,31	/	TEC MECH @7 TEC ELEC @7	G ELECTRONIC @7 G

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
EEV0010	ELECTRONICS ASMBR Electronics Assembler	/Y		0	
EEV0100	ELECTRONICS TESTER Electronics Tester	/Y		0	
EEV0500	ELECT EQUIP RPR Electronics Equipment Repairer	/Y		0	
EEV0616	ELECTRONICS TECH Electronics Technician	/Y		0	
αJ120200	ELECTROMECH TECH 2 Electromechanical Technology 2	30,31	/		TEC MECH @7 G ELECTRONIC @7 G TEC ELEC @7 G
ETM0866	INDUS PKG MACH MAIN1 Industrial Packing Machine Maintenance Mechanic 1 (1 of 2)	/Y		0	
ETM0867	INDUS PKG MACH MAIN2 Industrial Packing Machine Maintenance Mechanic 2 (2 of 2)	/Y		0	
ETM0868	ELECTROMECH TECH 1 Electromechanical Technician 1 (1 of 2)	/Y		0	
ETM0869	ELECTROMECH TECH 2 Electromechanical Technician 2 (2 of 2)	/Y		0	
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 SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE 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	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
I159999	ENGN RELATED TECH Engineering Related Technology	30,31	/			ANY TECHNICAL ED G ANY INDUS ED G
ETM0870	MECH ENGR TECH Mechanical Engineering Technician		/Y	O	0	
<sup>a</sup> I062001	IND FORE & SUPV Industrial Foremanship and Supervision	30,31	/			SUPVR TRG @7 G IND ENGR @7 G HUMAN REL @7 G
ETI0606	INDUST PROD MGR 1 Industrial Production Manager (1 of 4)		/Y	O	0	
I150603	INDUS TECH Industrial Technology	30,31	/			IND ENGR @7 G
ETI0600	DRAFT ASST MACH Drafting Assistant Machining		/Y	O	0	
ETI0601	COST CONTROL ASST Cost Control Assistant		/Y	O	0	
ETI0602	INDUST TECH ASST 1 Industrial Technical Assistant (1 of 2)		/Y	O	0	
ETI0603	INDUST TECH ASST 2 Industrial Technical Assistant (2 of 2)		/Y	O	0	
ETI0604	INDUST ENGR TECH 1 Industrial Engineering Technician (1 of 2)		/Y	O	0	
ETI0605	INDUST ENGR TECH 2 Industrial Engineering Technician (2 of 2)		/Y	O	0	
I150499	MICRO ELECTS MAN PRO Micro Electronics Manufacturing Processing	30,31	/			ELECTRONIC @7 G TEC ELEC @7 G
ETM0860	MICRO ELECTR MANUF 1 Micro Electronics Manufacturing Technician (1 of 3)		/Y	O	0	
ETM0861	MICRO ELECTR MANUF 2 Micro Electronics Manufacturing Technician (2 of 3)		/Y	O	0	
ETM0862	MICRO ELECTR MANUF 3 Micro Electronics Manufacturing Technician (3 of 3)		/Y	O	0	
I150606	OPTICAL TECHNOLOGY Optical Technology	30,31	/			TEC MECH ¶7 ¶G TEC OPTICS @7 G

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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OPT0002	FR DESK OPTICAL ASST Front Desk Optical Assistant		/Y O	0	
OPT0003	SURFACE LAB TECH Surface Lab Technician		/Y O	0	
OPT0004	FINISH LAB TECH Finish Lab Technician		/Y O	0	
OPT0008	OPTICAL TECH Optical Technician		/Y O	0	

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PRODUCTION CAREER PATH (MNPB)  
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8721000	BOATBLD WO & FAB Boatbuilding-Wood and Fabricated	9-12,30,31 /			CAB WOODWK @7 G	CARPENTRY @7 G
8721010	BOATBLD WO & FAB 1 Boatbuilding-Wood and Fabricated 1/ Level 2		/Y VO	1.0		
8721020	BOATBLD WO & FAB 2 Boatbuilding-Wood and Fabricated 2/ Level 2		/Y VO	1.0		
8721030	BOATBLD WO & FAB 3 Boatbuilding-Wood and Fabricated 3/ Level 2		/Y VO	1.0		
8721040	BOATBLD WO & FAB 4 Boatbuilding-Wood and Fabricated 4/ Level 2		/Y VO	1.0		
8721050	BOATBLD WO & FAB 5 Boatbuilding-Wood and Fabricated 5/ Level 2		/Y VO	1.0		
8721060	BOATBLD WO & FAB 6 Boatbuilding-Wood and Fabricated 6/ Level 2		/Y VO	1.0		
8721070	BOATBLD WO & FAB 7 Boatbuilding-Wood and Fabricated 7/ Level 2		/Y VO	1.0		
8721080	BOATBLD WO & FAB 8 Boatbuilding-Wood and Fabricated 8/ Level 2		/Y VO	1.0		

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8721090	BOATBLD WO & FAB 9 Boatbuilding-Wood and Fabricated 9/ Level 2		/Y VO	1.0	
I480799	BOATBLD WO & FAB Boatbuilding-Wood and Fabricated	30,31	/		CAB WOODWK @7 G CARPENTRY @7 G
MTE0304	FIBERGLASS PLUG SPEC Fiberglass Plug Specialist		/Y O	0	
MTE0305	FIBERGLASS TECH Fiberglass Technician		/Y O	0	
MTE0306	FABRICATION SPEC Fabrication Specialist		/Y O	0	
MTE0320	WOODEN BOAT TECH Wooden Boat Technician		/Y O	0	
MTE0321	WOODEN BOAT SPEC Wooden Boat Specialist		/Y O	0	
MTE0410	BOAT SYSTEMS SPEC Boat Systems Specialist		/Y O	0	
8730300	ELECT SYS ASSEMB Electronic System Assembly	9-12,30,31	/		ELECTRONIC @7 G TEC ELEC @7 G
8730310	ELECT SYS ASSEMBLY 1 Electronic System Assembly 1/Level 2		/Y VO	1.0	
8730320	ELECT SYS ASSEMBLY 2 Electronic System Assembly 2/Level 2		/Y VO	1.0	
8730330	ELECT SYS ASSEMBLY 3 Electronic System Assembly 3/Level 2		/Y VO	1.0	
I470129	ELECT SYS ASSEMBLY Electronic System Assembly	30,31	/		TEC ELEC @7 G ELECTRONIC @7 G
EEV0020	ELECT, ELECTR ASSEMB Electrical, Electronic Assembler		/Y O	0	
I480604	INDUSTRIAL PLASTICS Industrial Plastics	30,31	/		IND PLASTI @7 G
ETM0850	HLP, INDUST PLASTICS Helper, Industrial Plastics		/Y O	0	
ETM0852	THERMO FORM TECH Thermo Form Technician		/Y O	0	
ETM0853	INJ MOLDER TECH Injection Molder Technician		/Y O	0	
ETM0854	FABRICATOR TECH Fabricator Technician		/Y O	0	

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
ETM0855	EXTRUDER TECH Extruder Technician		/Y	O	0	
I48060R	IND PLASTICS - APPR Industrial Plastics - Apprenticeship	30,31	/			
8754000	MACHINING Machining	9-12,30,31	/			MACH SHOP @7 G TOOL DIE @7 G METAL WORK @7 G
8754010	MACHINING 1 Machining 1/Level 2		/Y	VO	1.0	
8754020	MACHINING 2 Machining 2/Level 2		/Y	VO	1.0	
8754030	MACHINING 3 Machining 3/Level 2		/Y	VO	1.0	
8754040	MACHINING 4 Machining 4/Level 3		/Y	VO	1.0	
8754050	MACHINING 5 Machining 5/Level 3		/Y	VO	1.0	
8754060	MACHINING 6 Machining 6/Level 3		/Y	VO	1.0	
8754070	MACHINING 7 Machining 7/Level 3		/Y	VO	1.0	
8754080	MACHINING 8 Machining 8/Level 3		/Y	VO	1.0	
8754090	MACHINING 9 Machining 9/Level 3		/Y	VO	1.0	
8754091	MACHINING 10 Machining 10/Level 3		/Y	VO	1.0	
I480503	MACHINING Machining	30,31	/			MACH SHOP @7 G TOOL DIE @7 G METAL WORK @7 G
PMT0020	MACHINIST HELPER Machinist Helper		/Y	O	0	
PMT0021	MACHINE OPERATOR Machine Operator		/Y	O	0	
PMT0023	MACHINE SETUP OP Machine Setup Operator		/Y	O	0	
PMT0025	MACHINIST Machinist		/Y	O	0	
I48050R	MACHINING - APPR Machining - Apprenticeship	30,31	/			

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8754300	PRECISION METAL FAB Precision Metal Fabrication	9-12,30,31 /		SHEETMETAL @7 G WELDING @7 G		METAL WORK @7 G
8754310	METAL FABRICATION 1 Metal Fabrication 1/Level 2		/Y	VO	1.0	
8754320	METAL FABRICATION 2 Metal Fabrication 2/Level 2		/Y	VO	1.0	
8754330	METAL FABRICATION 3 Metal Fabrication 3/Level 2		/Y	VO	1.0	
8754340	METAL FABRICATION 4 Metal Fabrication 4/Level 2		/Y	VO	1.0	
8754350	METAL FABRICATION 5 Metal Fabrication 5/Level 2		/Y	VO	1.0	
8754360	METAL FABRICATION 6 Metal Fabrication 6/Level 2		/Y	VO	1.0	
8754370	METAL FABRICATION 7 Metal Fabrication 7/Level 2		/Y	VO	1.0	
8754380	METAL FABRICATION 8 Metal Fabrication 8/Level 2		/Y	VO	1.0	
8754390	METAL FABRICATION 9 Metal Fabrication 9/Level 2		/Y	VO	1.0	
8754391	METAL FABRICATION 10 Metal Fabrication 10/Level 2		/Y	VO	1.0	
8754392	METAL FABRICATION 11 Metal Fabrication 11/Level 2		/Y	VO	1.0	
I480504	PRECISION METAL FAB Precision Metal Fabrication	30,31 /		SHEETMETAL @7 G WELDING @7 G		METAL WORK @7 G
PMT0050	METAL FAB HLP Metal Fabricator Helper		/Y	0	0	
PMT0052	METAL FABRICATOR Metal Fabricator		/Y	0	0	
PMT0053	METAL FAB ASSEMB 1 Metal Fabricator Assembler 1 (1 of 2)		/Y	0	0	
PMT0054	METAL FAB ASSEMB 2 Metal Fabricator Assembler 2 (2 of 2)		/Y	0	0	
PMT0055	STRUCT METAL FAB Structural Metal Fabricator		/Y	0	0	
0J310100	PRECISION MTL FAB 1 Precision Metal Fabrication 1	30,31 /		SHEETMETAL @7 G WELDING @7 G		METAL WORK @7 G

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
PMT0050	METAL FAB HLP Metal Fabricator Helper		/Y	0	0
PMT0052	METAL FABRICATOR Metal Fabricator		/Y	0	0
PMT0053	METAL FAB ASSEMB 1 Metal Fabricator Assembler 1 (1 of 2)		/Y	0	0
WJ310200	PRECISION MTL FAB 2 Precision Metal Fabrication 2	30,31	/		SHEETMETAL @7 G WELDING @7 G
PMT0054	METAL FAB ASSEMB 2 Metal Fabricator Assembler 2 (2 of 2)		/Y	0	0
PMT0055	STRUCT METAL FAB Structural Metal Fabricator		/Y	0	0
8754100	SHEET METAL FAB TECH Sheet Metal Fabrication Technology	9-12,30,31	/		SHEETMETAL @7 G METAL WORK @7 G
8754110	SHEET METAL FAB 1 Sheet Metal Fabrication 1/Level 2		/Y	VO	1.0
8754120	SHEET METAL FAB 2 Sheet Metal Fabrication 2/Level 2		/Y	VO	1.0
8754130	SHEET METAL FAB 3 Sheet Metal Fabrication 3/Level 2		/Y	VO	1.0
8754140	SHEET METAL FAB 4 Sheet Metal Fabrication 4/Level 2		/Y	VO	1.0
8754150	SHEET METAL FAB 5 Sheet Metal Fabrication 5/Level 2		/Y	VO	1.0
8754160	SHEET METAL FAB 6 Sheet Metal Fabrication 6/Level 2		/Y	VO	1.0
8754170	SHEET METAL FAB 7 Sheet Metal Fabrication 7/Level 2		/Y	VO	1.0
8754180	SHEET METAL FAB 8 Sheet Metal Fabrication 8/Level 2		/Y	VO	1.0
8754190	SHEET METAL FAB 9 Sheet Metal Fabrication 9/Level 2		/Y	VO	1.0
I480506	SHEET METAL FAB TECH Sheet Metal Fabrication Technology	30,31	/		SHEETMETAL @7 G METAL WORK @7 G
PMT0030	SHEET METAL HLP Sheet Metal Helper		/Y	0	0
PMT0032	SHEET METAL FAB Sheet Metal Fabricator		/Y	0	0

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS		CREDIT	CERTIFICATION
PMT0033	ARCHITECTURAL FAB Architectural Fabricator		/Y	0	0	
PMT0034	COMM KITCHEN FAB Commercial Kitchen Fabricator		/Y	0	0	
PMT0035	SHEET METAL WELDER Sheet Metal Welder		/Y	0	0	
I48052R	SH MTL FAB TECH-APPR Sheet Metal Fabrication Technology - Apprenticeship	30,31	/			
αJ360100	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	0	0	
PMT0032	SHEET METAL FAB Sheet Metal Fabricator		/Y	0	0	
αJ360200	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	0	0	
PMT0034	COMM KITCHEN FAB Commercial Kitchen Fabricator		/Y	0	0	
PMT0035	SHEET METAL WELDER Sheet Metal Welder		/Y	0	0	

## 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	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS		CREDIT	CERTIFICATION
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	O	0	
PMT0012	WELDER, SHIELDED MA Welder, Shielded Metal Arc		/Y	O	0	
PMT0013	WELDER, GAS-METAL AR Welder, Gas-Metal Arc		/Y	O	0	
PMT0014	WELDER, FLUX CORED A Welder, Flux Cored Arc		/Y	O	0	
PMT0015	WELDER, GAS-TUNG ARC Welder, Gas-Tungsten Arc		/Y	O	0	
PMT0016	WELDER, PIPE Welder, Pipe		/Y	O	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	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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	UPHOLSTERY HLP Upholstery Helper		/Y	O	0	
HEV0441	AUTO SEAT COVER INST Automobile Seat Cover Installer		/Y	O	0	
HEV0444	AUTO HEAD/DR PANEL 1 Automobile Headliner/Door Panel Ins taller (1 of 2)		/Y	O	0	
HEV0445	AUTO HEAD/DR PANEL 2 Automobile Headliner/Door Panel Ins taller (2 of 2)		/Y	O	0	
HEV0446	AUTO CARPET INSTALL Automobile Carpet Installer		/Y	O	0	
HEV0447	CONV & VINYL TOP INS Convertible and Vinyl Top Installer /Automotive Upholsterer		/Y	O	0	
I150401	BIOMED EQ TECH Biomedical Equipment Technology	30,31	/			TEC MED @7 G PRAC NURSE ¶7 ¶G
EEV0010	ELECTRONICS ASMBR Electronics Assembler		/Y		0	
EEV0100	ELECTRONICS TESTER Electronics Tester		/Y		0	
EEV0500	ELECT EQUIP RPR Electronics Equipment Repairer		/Y		0	
EEV0616	ELECTRONICS TECH Electronics Technician		/Y		0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
EEV0480	ELECMED &BIOMED RPR1 Electromedical and Biomedical Repairer 1 (1 of 2)		/Y		0	
EEV0481	ELECMED &BIOMED RPR2 Electromedical and Biomedical Repairer 2 (2 of 2)		/Y		0	
αJ410100	BIOMED EQ TECH 1 Biomedical Equipment Technology 1	30,31	/			TEC MED @7 G PRAC NURSE ¶7 ¶G BIOMED EQ @7 G
EEV0010	ELECTRONICS ASMBR Electronics Assembler		/Y		0	
EEV0100	ELECTRONICS TESTER Electronics Tester		/Y		0	
EEV0500	ELECT EQUIP RPR Electronics Equipment Repairer		/Y		0	
αJ410200	BIOMED EQ TECH 2 Biomedical Equipment Technology 2	30,31	/			TEC MED @7 G PRAC NURSE ¶7 ¶G BIOMED EQ @7 G
EEV0616	ELECTRONICS TECH Electronics Technician		/Y		0	
EEV0480	ELECMED &BIOMED RPR1 Electromedical and Biomedical Repairer 1 (1 of 2)		/Y		0	
EEV0481	ELECMED &BIOMED RPR2 Electromedical and Biomedical Repairer 2 (2 of 2)		/Y		0	
8751300	BOAT&YCT RPR/REF TEC Boat and Yacht Repair/Refinishing Technology	9-12,30,31	/			SEAMANSHIP @7 G CARPENTRY @7 G
8751310	BOAT & YACHT RPR 1 Boat and Yacht Repair/Refinishing 1 /Level 2		/Y	VO	1.0	
8751320	BOAT & YACHT RPR 2 Boat and Yacht Repair/Refinishing 2 /Level 2		/Y	VO	1.0	
8751330	BOAT & YACHT RPR 3 Boat and Yacht Repair/Refinishing 3 /Level 2		/Y	VO	1.0	
8751340	BOAT & YACHT RPR 4 Boat and Yacht Repair/Refinishing 4 /Level 2		/Y	VO	1.0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8751350	BOAT & YACHT RPR 5 Boat and Yacht Repair/Refinishing 5 /Level 2	/Y	VO	1.0	
8751360	BOAT & YACHT RPR 6 Boat and Yacht Repair/Refinishing 6 /Level 2	/Y	VO	1.0	
8751370	BOAT & YACHT REP 7 Boat and Yacht Repair 7/Level 2	/Y	VO	1.0	
8751380	BOAT & YACHT REP 8 Boat and Yacht Repair 8/Level 2	/Y	VO	1.0	
8751390	BOAT & YACHT REP 9 Boat and Yacht Repair 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	BOAT RPR/REF HLP Boat Repairer/Refinisher Helper	/Y	0	0	
MTE0361	BOAT REF TECH Boat Refinishing Technician	/Y	0	0	
MTE0376	BOAT REPAIRER 1 Boat Repairer 1 (1 of 2)	/Y	0	0	
MTE0377	BOAT REPAIRER 2 Boat Repairer 2 (2 of 2)	/Y	0	0	
αJ430100	BOAT& YCT RPR TECH 1 Boat and Yacht Repair/Refinishing Technology 1	9-12,30,31	/Y		
MTE0360	BOAT RPR/REF HLP Boat Repairer/Refinisher Helper	/Y	0	0	
MTE0361	BOAT REF TECH Boat Refinishing Technician	/Y	0	0	
αJ430200	BOAT& YCT RPR TECH 2 Boat and Yacht Repair/Refinishing Technology 2	30,31	/		SEAMANSHIP @7 G      CARPENTRY @7 G
MTE0376	BOAT REPAIRER 1 Boat Repairer 1 (1 of 2)	/Y	0	0	
MTE0377	BOAT REPAIRER 2 Boat Repairer 2 (2 of 2)	/Y	0	0	
I470408	CLK/WATCH MAK & RPR Clock/Watch Making and Repair	30,31	/		INSTRMENT @7 G      WATCH 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	GRADUATION REQUIREMENTS	CREDIT CERTIFICATION
PMT0650	CLK, WATCH & JEWEL TE Clock, Watch and Jewelry Technician	/Y	0	0	
PMT0652	CLK & WATCH RPR TECH Clock and Watch Repair Technician	/Y	0	0	
PMT0653	QUARTZ ANALOG TECH Quartz Analog Technician	/Y	0	0	
PMT0654	CLK & WATCH MAKER Clock and Watch Maker	/Y	0	0	
8716000	CMCL BUSINESS MAINT Commercial Business Machine Maintenance	9-12,30,31 /			BUS MACH @7 G
8716010	CMCL BUS MACH MAINT1 Commercial Business Machine Maintenance 1/Level 2	/Y	VO	1.0	
8716020	CMCL BUS MACH MAINT2 Commercial Business Machine Maintenance 2/Level 2	/Y	VO	1.0	
8716030	CMCL BUS MACH MAINT3 Commercial Business Machine Maintenance 3/Level 2	/Y	VO	1.0	
8716040	CMCL BUS MACH MAINT4 Commercial Business Machine Maintenance 4/Level 2	/Y	VO	1.0	
8716050	CMCL BUS MACH MAINT5 Commercial Business Machine Maintenance 5/Level 2	/Y	VO	1.0	
8716060	CMCL BUS MACH MAINT6 Commercial Business Machine Maintenance 6/Level 2	/Y	VO	1.0	
8716070	CMCL BUS MACH MAINT7 Commercial Business Machine Maintenance 7/Level 2	/Y	VO	1.0	
8716080	CMCL BUS MACH MAINT8 Commercial Business Machine Maintenance 8/Level 2	/Y	VO	1.0	
8716090	CMCL BUS MACH MAINT9 Commercial Business Machine Maintenance 9/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	GRADUATION REQUIREMENTS	CREDIT CERTIFICATION		
8716100	CMCL BUS MACHMAINT10 Commercial Business Machine Maintenance 10/Level 2		/Y	VO	1.0		
8716110	CMCL BUS MACHMAINT11 Commercial Business Machine Maintenance 11/Level 2		/Y	VO	1.0		
I470102	CMCL BUSINESS MAINT Commercial Business Machine Maintenance	30,31	/			BUS MACH	@7 G
EEV0501	END USER SPT TECH End User Support Technician		/Y		0		
EEV0502	PC ELECT INSTALLER PC Electronics Installer		/Y		0		
EEV0503	CPT SUP SPEC-LAN Computer Support Specialist - LAN Technician		/Y		0		
EEV0506	FIELD SERVICE TECH Field Service Technician		/Y		0		
EER0336	COPIER/PRINTER INST Copier/Printer Installer		/Y	O	0		
EER0337	COPIER/PRINT MAINT T Copier/Printer Maintenance Technician		/Y	O	0		
8730100	CONS ELECT PROD SER Consumer Electronic Product Servicing	9-12,30,31	/			RADIO TV	@7 G ELECTRONIC @7 G
8730110	CONS ELECT PROD SER1 Consumer Electronic Product Servicing 1/Level 2		/Y	VO	1.0		
8730120	CONS ELECT PROD SER2 Consumer Electronic Product Servicing 2/Level 2		/Y	VO	1.0		
8730130	CONS ELECT PROD SER3 Consumer Electronic Product Servicing 3/Level 2		/Y	VO	1.0		
8730140	CONS ELECT PROD SER4 Consumer Electronic Product Servicing 4/Level 2		/Y	VO	1.0		
8730150	CONS ELECT PROD SER5 Consumer Electronic Product Servicing 5/Level 2		/Y	VO	1.0		

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8730160	CONS ELECT PROD SER6 Consumer Electronic Product Servicing 6/Level 2		/Y VO	1.0	
8730170	CONS ELECT PROD SER7 Consumer Electronic Product Servicing 7/Level 2		/Y VO	1.0	
8730180	CONS ELECT PROD SER8 Consumer Electronic Product Servicing 8/Level 2		/Y VO	1.0	
8730190	CONS ELECT PROD SER9 Consumer Electronic Product Servicing 9/Level 2		/Y VO	1.0	
8730191	CONS ELECT PRODSER10 Consumer Electronic Product Servicing 10/Level 2		/Y VO	1.0	
8730192	CONS ELECT PRODSER11 Consumer Electronic Product Servicing 11/Level 2		/Y VO	1.0	
8730193	CONS ELECT PRODSER12 Consumer Electronic Product Servicing 12/Level 2		/Y VO	1.0	
I470113	CONS ELECT PROD SERV Consumer Electronic Product Servicing	30,31	/		TEC ELEC @7 G RADIO TV @7 G ELECTRONIC @7 G
EEV0010	ELECTRONICS ASMBR Electronics Assembler		/Y	0	
EEV0100	ELECTRONICS TESTER Electronics Tester		/Y	0	
EEV0500	ELECT EQUIP RPR Electronics Equipment Repairer		/Y	0	
EEV0616	ELECTRONICS TECH Electronics Technician		/Y	0	
EER0381	RADIO/TV/VIDEO SPEC Radio/TV/Video Specialist		/Y	0	
EEV0507	COMPUTER SPECIALIST Computer Specialist		/Y	0	
EER0581	AUDIO SPEC Audio Specialist		/Y	0	
EER0522	TV SATELLITE SPEC TV Satellite Specialist		/Y	0	

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
EER0591	SECURITY SYS SPEC Security System Specialist		/Y		0	
□J510100	CONS ELECT PROD SER1 Consumer Electronic Product Servicing 1	30,31	/			TEC ELEC @7 G RADIO TV @7 G ELECTRONIC @7 G
EEV0010	ELECTRONICS ASMBR Electronics Assembler		/Y		0	
EEV0100	ELECTRONICS TESTER Electronics Tester		/Y		0	
EEV0500	ELECT EQUIP RPR Electronics Equipment Repairer		/Y		0	
□J510200	CONS ELECT PROD SER2 Consumer Electronic Product Servicing 2	30,31	/			TEC ELEC @7 G RADIO TV @7 G ELECTRONIC @7 G
EEV0616	ELECTRONICS TECH Electronics Technician		/Y		0	
EER0381	RADIO/TV/VIDEO SPEC Radio/TV/Video Specialist		/Y		0	
EEV0507	COMPUTER SPECIALIST Computer Specialist		/Y		0	
EER0581	AUDIO SPEC Audio Specialist		/Y		0	
EER0522	TV SATELLITE SPEC TV Satellite Specialist		/Y		0	
EER0591	SECURITY SYS SPEC Security System Specialist		/Y		0	
I46030R	ELEC LINESER&RPR-APP Electrical Line Service and Repair - Apprenticeship	30,31	/			
8730000	ELECTRONIC TECH Electronic Technology	9-12,30,31	/			TEC ELEC @7 G RADIO TV @7 G ELECTRONIC @7 G AVIONICS @7 G
8730010	ELECTRONIC TECH 1 Electronic Technology 1/Level 2		/Y	VO	1.0	
8730020	ELECTRONIC TECH 2 Electronic Technology 2/Level 3		/Y	VO	1.0	
8730030	ELECTRONIC TECH 3 Electronic Technology 3/Level 3		/Y	VO	1.0	
8730040	ELECTRONIC TECH 4 Electronic Technology 4/Level 3		/Y	VO	1.0	
8730050	ELECTRONIC TECH 5 Electronic Technology 5/Level 3		/Y	VO	1.0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	SUBJECT AREA	CREDIT	CERTIFICATION
8730060	ELECTRONIC TECH 6 Electronic Technology 6/Level 3		/Y	VO	1.0	
8730070	ELECTRONIC TECH 7 Electronic Technology 7/Level 3		/Y	VO	1.0	
8730080	ELECTRONIC TECH 8 Electronic Technology 8/Level 3		/Y	VO	1.0	
8730090	ELECTRONIC TECH 9 Electronic Technology 9/Level 3		/Y	VO	1.0	
8730091	ELECTRONIC TECH 10 Electronic Technology 10/Level 3		/Y	VO	1.0	
I150303	ELECTRONIC TECH Electronic Technology	30,31	/			ELECTRONIC @7 G AVIONICS @7 G TEC ELEC @7 G
EEV0010	ELECTRONICS ASMBR Electronics Assembler		/Y		0	
EEV0100	ELECTRONICS TESTER Electronics Tester		/Y		0	
EEV0500	ELECT EQUIP RPR Electronics Equipment Repairer		/Y		0	
EEV0616	ELECTRONICS TECH Electronics Technician		/Y		0	
I15030R	ELECT TECH - APPR Electronic Technology - Apprenticeship	30,31	/			
αJ540100	ELECTRONIC TECH 1 Electronic Technology 1	30,31	/			ELECTRONIC @7 G AVIONICS @7 G TEC ELEC @7 G
EEV0010	ELECTRONICS ASMBR Electronics Assembler		/Y		0	
EEV0100	ELECTRONICS TESTER Electronics Tester		/Y		0	
αJ540200	ELECTRONIC TECH 2 Electronic Technology 2	30,31	/			ELECTRONIC @7 G AVIONICS @7 G TEC ELEC @7 G
EEV0500	ELECT EQUIP RPR Electronics Equipment Repairer		/Y		0	
EEV0616	ELECTRONICS TECH Electronics Technician		/Y		0	
J550100	GAMING MAC RPR TEC Gaming Machine Repair Technician	30,31	/Y			COMP SVC @7 G TEC ELEC @7 G SLOT MACH TECH
EER0320	SLOT MACH ATTENDANT Slot Machine Attendant		/Y	O	0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
EER0321	SLOT MACHINE TECH Slot Machine Technician Level 1		/Y O	0	
8736000	INDUS BIOTECH Industrial Biotechnology	9-12,30,31	/Y VO	1.0	BIOTECH G 7
3027010	BIOTECH 1 Biotechnology 1 (0.5 credit SC & 0.5 credit VOC), Level 3		/Y SV	1.0	
3027020	BIOTECH 2 Biotechnology 2 (0.5 credit SC & 0.5 credit VOC), Level 3		/Y SV	1.0	
8736030	BIOTECH 3 Biotechnology 3, Level 3		/Y VO	1.0	
I470105	IND ELECTRONICS Industrial Electronics	30,31	/		RADIO TV @7 G TEC ELEC @7 G ELECTRONIC @7 G
EEV0010	ELECTRONICS ASMBR Electronics Assembler		/Y	0	
EEV0100	ELECTRONICS TESTER Electronics Tester		/Y	0	
EEV0500	ELECT EQUIP RPR Electronics Equipment Repairer		/Y	0	
EEV0616	ELECTRONICS TECH Electronics Technician		/Y	0	
EEV0750	POWER SUPPLY TECH Power Supply Technician		/Y O	0	
EEV0751	INDUST CONTROL TECH Industrial Controller Technician		/Y O	0	
EEV0624	INDUST/SENSING UNIT Industrial/Sensing Unit Specialist		/Y O	0	
EEV0716	ELECTRONICS MECHANIC Electronics Mechanic		/Y O	0	
8743100	INDUS MACHI MAINT Industrial Machinery Maintenance	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	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8743240	MACH MAINT 4 Machinery Maintenance 4/Level 2		/Y VO	1.0	
8743250	MACH MAINT 5 Machinery Maintenance 5/Level 2		/Y VO	1.0	
8743260	MACH MAINT 6 Machinery Maintenance 6/Level 2		/Y VO	1.0	
8743170	INDUSTRIAL MAINT 7 Industrial Maintenance 7/Level 2		/Y VO	1.0	
8743180	INDUSTRIAL MAINT 8 Industrial Maintenance 8/Level 2		/Y VO	1.0	
8743190	INDUSTRIAL MAINT 9 Industrial Maintenance 9/Level 2		/Y VO	1.0	
I470303	INDUS MACH MAINT Industrial Machinery Maintenance	30,31	/		TEC CONSTR ¶7 ¶G MILLWRIGHT @7 G BLDG CONST ¶7 ¶G IND ENGR @7 G
ETI0450	INDUS MACH MAINT AST Industrial Machine Maintenance Assistant		/Y	0	
ETI0457	MACH MAIN TECH Machinery Maintenance Technician		/Y	0	
ETI0456	MACH MAINT MECH Machinery Maintenance Mechanic		/Y	0	
ETI0458	INDUS MAINT SPEC Industrial Maintenance Specialist		/Y	0	
I47031R	INDUS MACH MAINT-APP Industrial Machinery Maintenance - Apprenticeship	30,31	/		
αJ590100	INDUS MACH MAINT 1 Industrial Machinery Maintenance 1	30,31	/		TEC CONSTR ¶7 ¶G MILLWRIGHT @7 G BLDG CONST ¶7 ¶G IND ENGR @7 G
ETI0450	INDUS MACH MAINT AST Industrial Machine Maintenance Assistant		/Y	0	
ETI0456	MACH MAINT MECH Machinery Maintenance Mechanic		/Y	0	
αJ590200	INDUS MACH MAINT 2 Industrial Machinery Maintenance 2	30,31	/		TEC CONSTR ¶7 ¶G MILLWRIGHT @7 G BLDG CONST ¶7 ¶G IND ENGR @7 G
ETI0457	MACH MAIN TECH Machinery Maintenance Technician		/Y	0	
ETI0458	INDUS MAINT SPEC Industrial Maintenance Specialist		/Y	0	
I470401	INSTRUMENT REPAIR Instrument Repair	30,31	/		INSTRMENT @7 G

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
EER0358	INSTRUMENT REPAIRER Instrument Repairer		/Y	O	0	
8745500	JEWEL MAK & RPR Jewelry Making and Repair	9-12,30,31	/	VO		METAL WORK @7 G JWLY MFGR @7 G
8745501	CLK/WCH/JEWLMAK&RPR1 Clock, Watch, Jewelry Making and Repair Core 1/Level 2		/Y	PA	1.0	
8745502	CLK/WCH/JEWLMAK&RPR2 Clock, Watch, Jewelry Making and Repair Core 2/Level 2		/Y	PA	1.0	
8745503	CLK/WCH/JEWLMAK&RPR3 Clock, Watch, Jewelry Making and 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		/Y	O	0	
PMT0630	JEWELRY DESIGNER Jewelry Designer		/Y	O	0	
PMT0640	WAX MODELER/CASTING Wax Modeler/Casting		/Y	O	0	
PMT0641	JEWELRY REPAIRER Jewelry Repairer		/Y	O	0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
PMT0632	STONE SETTER Stone Setter		/Y	0	0	
PMT0645	CERTIFIED JEWELRER Certified Jeweler		/Y	0	0	
αJ450400	JEWL MAKING & RPR1 Jewelry Making and Repair 1	30,31	/			METAL WORK @7 G JWLY MFGR @7 G
PMT0650	CLK, WATCH & JEWL TE Clock, Watch and Jewelry Technician		/Y	0	0	
PMT0630	JEWELRY DESIGNER Jewelry Designer		/Y	0	0	
αJ450500	JEWL MAKING & RPR 2 Jewelry Making and Repair 2	30,31	/			METAL WORK @7 G JWLY MFGR @7 G
PMT0640	WAX MODELER/CASTING Wax Modeler/Casting		/Y	0	0	
PMT0641	JEWELRY REPAIRER Jewelry Repairer		/Y	0	0	
PMT0632	STONE SETTER Stone Setter		/Y	0	0	
PMT0645	CERTIFIED JEWELRER Certified Jeweler		/Y	0	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		0	
EER0315	LAUNDRY TECH Laundry Technician		/Y		0	
EER0317	KITCHEN TECH Kitchen Technician		/Y		0	
ACR0046	REFG TECH Refrigeration Technician		/Y	0	0	
8706000	MAJ APP & REFG RPR Major Appliance and Refrigeration Repair	9-12,30,31	/			GAS FITTER @7 G APPLI REPR @7 G
8706010	MAJ APP & REFG RPR 1 Major Appliance and Refrigeration Repair 1/Level 2		/Y	VO	1.0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8706020	MAJ APP & REFG RPR 2 Major Appliance and Refrigeration Repair 2/Level 2		/Y VO	1.0	
8706030	MAJ APP & REFG RPR 3 Major Appliance and Refrigeration Repair 3/Level 2		/Y VO	1.0	
8706040	MAJ APP & REFG RPR 4 Major Appliance and Refrigeration Repair 4/Level 2		/Y VO	1.0	
8706050	MAJ APP & REFG RPR 5 Major Appliance and Refrigeration Repair 5/Level 2		/Y VO	1.0	
8706060	MAJ APP & REFF RPR 6 Major 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	/Y		
αJ620100	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	0	
EER0315	LAUNDRY TECH Laundry Technician		/Y	0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
♠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		0	
ACR0046	REFG TECH Refrigeration Technician	/Y	O	0	
8743200	MILLWRIGHT Millwright	9-12,30,31 /			TEC CONSTR ¶7 G MILLWRIGHT @7 G BLDG CONST ¶7 G IND ENGR @7 G
8743210	MAINT SKILLS 1 Maintenance Skills 1/Level 2	/Y	VO	1.0	
8743220	MAINT SKILLS 2 Maintenance Skills 2/Level 2	/Y	VO	1.0	
8743230	MAINT SKILLS 3 Maintenance Skills 3/Level 2	/Y	VO	1.0	
8743240	MACH MAINT 4 Machinery Maintenance 4/Level 2	/Y	VO	1.0	
8743250	MACH MAINT 5 Machinery Maintenance 5/Level 2	/Y	VO	1.0	
8743260	MACH MAINT 6 Machinery Maintenance 6/Level 2	/Y	VO	1.0	
8743270	MILLWRIGHT 7 Millwright 7/Level 2	/Y	VO	1.0	
8743280	MILLWRIGHT 8 Millwright 8/Level 2	/Y	VO	1.0	
8743290	MILLWRIGHT 9 Millwright 9/Level 2	/Y	VO	1.0	
I470313	MILLWRIGHT Millwright	30, 31 /			TEC CONSTR ¶7 G MILLWRIGHT @7 G BLDG CONST ¶7 G IND ENGR @7 G
ETI0450	INDUS MACH MAINT AST Industrial Machine Maintenance Assistant	/Y		0	
ETI0457	MACH MAIN TECH Machinery Maintenance Technician	/Y		0	
ETI0456	MACH MAINT MECH Machinery Maintenance Mechanic	/Y		0	
ETI0459	MILLWRIGHT Millwright	/Y		0	
I47032R	MILLWRIGHT - APPR Millwright - Apprenticeship	30,31 /			

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
♠J590400	MILLWRIGHT 1 Millwright 1	30, 31 /	TEC CONSTR ¶7 G BLDG CONST ¶7 G		MILLWRIGHT @7 G IND ENGR @7 G
ETI0450	INDUS MACH MAINT AST Industrial Machine Maintenance Assistant	/Y		0	
ETI0456	MACH MAINT MECH Machinery Maintenance Mechanic	/Y		0	
♠J590500	MILLWRIGHT 2 Millwright 2	30, 31 /	TEC CONSTR ¶7 G BLDG CONST ¶7 G		MILLWRIGHT @7 G IND ENGR @7 G
ETI0457	MACH MAIN TECH Machinery Maintenance Technician	/Y		0	
ETI0459	MILLWRIGHT Millwright	/Y		0	
I47020R	REFG TECH - APPR Refrigeration Technology - Apprenticeship	30,31 /			
I469929	REL INDUS TECH Related Industrial Technology	30,31 /			ANY INDUS ED G
ETI0085	ENGINEERING TECH Engineering Technician	/Y	O	0	
8775000	UPH & FURN REF Upholstery and Furniture Refinishing	9-12,30,31 /			FURN REPR @7 G HOMEMAKING !2 !7 G
8775010	UPH & FURN REF 1 Upholstery and Furniture Refinishing /Level 2	/Y	VO	1.0	
8775020	UPH & FURN REF 2 Upholstery and Furniture Refinishing 2/Level 2	/Y	VO	1.0	
8775030	UPHOLSTERY 3 Upholstery 3/Level 2	/Y	VO	1.0	
8775040	UPHOLSTERY 4 Upholstery 4/Level 2	/Y	VO	1.0	
8775050	UPHOLSTERY 5 Upholstery 5/Level 2	/Y	VO	1.0	
8775060	UPHOLSTERY 6 Upholstery 6/Level 2	/Y	VO	1.0	
8775070	UPHOLSTERY 7 Upholstery 7/Level 2	/Y	VO	1.0	
8775080	UPHOLSTERY 8 Upholstery 8/Level 2	/Y	VO	1.0	

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8775090	UPHOLSTERY 9 Upholstery 9/Level 2		/Y VO	1.0	
8775091	UPHOLSTERY 10 Upholstery 10/Level 2		/Y VO	1.0	
8775092	UPHOLSTERY 11 Upholstery 11/Level 2		/Y VO	1.0	
I480303	UPH & FURN REF Upholstery and Furniture Refinishing	30,31	/		FURN REPR @7 G HOMEMAKING !7 G
HEV0001	UPHOLSTERY HLP Upholstery Helper		/Y O	0	
HEV0420	SEW MACH OP, NONGARM Sewing Machine Operator, Nongarment		/Y O	0	
HEV0244	LAYOUT MACHINE OP Layout Machine Operator		/Y O	0	
HEV0430	UPH ASSEMB/FAB Upholstery Assembler/Fabricator		/Y O	0	
HEV0432	UPHOLSTERER Upholsterer		/Y O	0	

## HEALTH, SAFETY &amp; ENVIRONMENTAL ASSURANCE CAREER PATH (MNPf)

I150799	MINE SAFETY & HEALTH Mine Safety and Health	30,31	/		MSHA @7 G
EVS0360	INSPECT & COMP OFF Inspector and Compliance Officer		/Y O	0	
I150701	OCC SAF & HLTH TECH Occupational Safety and Health Technology	30,31	/		OSHA @7 G
EVS0362	OCC HLTH & SAFE TECH Occupational Health and Safety Technician		/Y O	0	

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
----- SUPPLEMENTAL PROGRAMS -----						
8700300	PRAC,TECH&INDUS OCCS Practical, Technical and Industrial Occupations	9-12,30,31 /		TEC CONSTR @7 G COMM COOK @7 G AUTO MECH @7 G APPLI REPR @7 G METAL WORK @7 G RADIO TV @7 G VOC HME EC @4 WELDING @7 G HOME EC 1 TEC MECH @7 G AIR MECH @7 G TEC DRAFT @7 G BLDG MAINT @7 G COMM ART @7 G TROWEL TR @7 G		BLDG CONST @7 G QUAN FOOD @7 G AUTO IND @7 G GASENG RPR @7 G CARPENTRY @7 G ELECTRICAL @7 G ELECTRONIC @7 G GAS FITTER @7 G TEC ELEC @7 G SHEETMETAL @7 G AVIONICS @7 G DRAFTING @7 G DIESEL MEC @7 G GRAPH ARTS 4 MOTORCYCLE @7 G
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	
8002000	TECH SYSS & APPL Technical Systems and Applications	9-12,30,31	/Y	VO	1.0	ANY VOCATIONAL FIELD OR COVERAGE

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
-----  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 O	0		
8812000	BUSINESS OWNERSHIP Business Ownership/Level 3	9-12,30,31	/Y	PA	1.0	SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8812100	ENTREPRENEURSHIP Entrepreneurship	9-12,30,31	/			DIST ED @7 BUS ED 1 VOE @7 RETAILING @7 G WHOLESALE @7 G TEACH CDE @7 MKTG 1 TEACH CBE @7 MKTG MGMT @7 G
8812110	PRIN OF ENTREP Principles of Entrepreneurship/Level 2		/Y	PA	1.0	SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8812120	BUS MGMT & LAW Business Management and Law/Level 3		/Y	VO	1.0	
8812000	BUSINESS OWNERSHIP Business Ownership/Level 3		/Y	PA	1.0	
M803010	ENTREPRENEURSHIP Entrepreneurship	30,31	/	RETAILING @7 G MKTG MGMT @7 G WHOLESALE @7 G VOE @7 TEACH CBE @7		DIST ED @7 TEACH CDE @7 MKTG 1 BUS ED 1
MKA0090	BUSINESS MANAGER Business Manager		/Y	O	0	
MKA0091	(ENT) GEN MANAGER (Entrepreneur) General Manager		/Y	O	0	

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA		GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
----- PROFESSIONAL SALES & MARKETING CAREER PATH (MKPB) -----							
8827200	E-COMMERCE MKTG E-Commerce Marketing	9-12,30,31 /			TEACH CDE @7 MKTG 1 MKTG MGMT @7 G		DIST ED @7 RETAILING @7 G BUS ED 1 @2
8827110	MARKETING ESSENTIALS Marketing Essentials/Level 2		/Y	VO	1.0		
8827120	MKT APPLICATIONS Marketing Applications/Level 2		/Y	VO	1.0		
8827210	E-COMMERCE MKT E-Commerce Marketing/Level 2		/Y	VO	1.0		
M899992	E-COMMERCE MKT E-Commerce Marketing	30,31 /				RETAILING @7 G DIST ED @7 MKTG MGMT @7 G	TEACH CDE @7 MKTG 1 BUS ED 1 @2
MKA0432	SALESPERSON, RETAIL Salesperson, Retail		/Y	O	0		
MKA0455	(E-COMM) CPT SPEC (E-Commerce) Computer Specialist		/Y	O	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		
8806020	FASHION APPL Fashion 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	O	0		
MKA0433	RETAIL MANAGER Retail Manager		/Y	O	0		
<sup>a</sup> M810010	INSURANCE MARKETING Insurance Marketing	30,31 /				INSURANCE @7 G TEACH CDE @7 MKTG 1	DIST ED @7 MKTG MGMT @7 G RETAILING @7 G

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
MKA0432	SALESPERSON, RETAIL Salesperson, Retail		/Y	O	0	
MKA0081	INS SALES AGT Insurance Sales Agent		/Y	O	0	
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	VO	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	
M807030	INTERNATIONAL MKT International Marketing	30,31	/			RETAILING @7 G TEACH CDE @7 WHOLESALE @7 G MKTG MGMT @7 G
MKA0096	(IMP/EXP) BILL CLERK (Import/Export) Billing Clerk		/Y	O	0	
MKA0097	(IMP/EXP) DOC CLERK (Import/Export) Documentation Clerk		/Y	O	0	
MKA0098	(IMP/EXP) SALES MGR (Import/Export) Sales Manager		/Y	O	0	
*8836100	INSURANCE MKT INSURANCE MARKETING	9-12,30,31	/			INSURANCE @7 G MKTG 1 MKTG MGMT @7 G TEACH CDE @7 DIST ED @7 RETAILING @7 G
8827110	MARKETING ESSENTIALS Marketing Essentials/Level 2		/Y	VO	1.0	
8827120	MKT APPLICATIONS Marketing Applications/Level 2		/Y	VO	1.0	
8836110	INS MKT OPS Insurance Marketing Operations/Level 2		/Y	VO	1.0	
8827100	MKT Marketing	9-12,30,31	/	PA		TEACH CDE @7 MKTG 1 MKTG MGMT @7 G DIST ED @7 RETAILING @7 G ADVR PROM @7 G
8827110	MARKETING ESSENTIALS Marketing Essentials/Level 2		/Y	VO	1.0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA			GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8827120	MKT APPLICATIONS Marketing Applications/Level 2		/Y	VO		1.0		
8827130	MKT MANAGEMENT Marketing Management/Level 2		/Y	VO		1.0		
M899991	MARKETING Marketing	30,31	/				RETAILING @7 G DIST ED @7 MKTG MGMT @7 G TEACH CDE @7 MKTG 1 ADVR PROM @7 G	
MKA0432	SALESPERSON, RETAIL Salesperson, Retail		/Y	O		0		
MKA0010	MARKETING MANAGERS Marketing Managers		/Y	O		0		
8800410	MARKETING COOP-OJT Marketing Cooperative Education- OJ T/Level 2	9-12,30,31	/M	VO	MC		TEACH CDE @7 MKTG 1 @2 DIST ED @7	
M899990	MARKETING COOP-OJT Marketing Cooperative Education-OJT /Level 2	30,31	/				DIST ED @7 G MKTG 1 @2 TEACH CDE @7	
M807040	REAL EST APPRA TRAIN Real Estate Appraiser Trainee	30,31	/				REAL ESTAT @7 G	
REE0049	REAL EST APPRAISER Real Estate Appraiser (Trainee)		/Y	O		0		
M807020	REAL ESTA BRKR Real Estate Broker	30,31	/				REAL ESTAT @7 G	
REE0048	REAL ESTATE BROKER Real Estate Broker		/Y	O		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	O		0		
M809050	RESTAURANT MKTG Restaurant Marketing	30,31	/				RETAILING @7 G TEACH CDE @7 MKTG 1 DIST ED @7 RESTAURANT @7 G MKTG MGMT @7 G	
MKA0432	SALESPERSON, RETAIL Salesperson, Retail		/Y	O		0		
FSS0600	FOOD SERVICE SUPR Food Service Supervisor		/Y	O		0		
8824100	RESTAURANT MKT Restaurant Marketing/Level 2	9-12,30,31	/				RETAILING @7 G TEACH CDE @7 MKTG 1 DIST ED @7 RESTAURANT @7 G MKTG MGMT @7 G	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8827110	MARKETING ESSENTIALS Marketing Essentials/Level 2		/Y	VO	1.0	
8827120	MKT APPLICATIONS Marketing Applications/Level 2		/Y	VO	1.0	
8824110	REST MKT OPS Restaurant Marketing Operations/Level 2		/Y	VO	1.0	
8821100	RETAIL FOOD MKT Retail Food Marketing	9-12,30,31 /				RETAILING @7 G DIST ED @7 TEACH CDE @7 MKTG 1 MKTG MGMT @7 G
8827110	MARKETING ESSENTIALS Marketing Essentials/Level 2		/Y	VO	1.0	
8827120	MKT APPLICATIONS Marketing Applications/Level 2		/Y	VO	1.0	
8821110	RETAIL FOOD MKT Retail Food Marketing/Level 2		/Y	VO	1.0	
M806010	RETAIL FOOD MKT Retail Food Marketing	30,31 /				RETAILING @7 G DIST ED @7 TEACH CDE @7 MKTG 1 MKTG MGMT @7 G
MKA0432	SALESPERSON, RETAIL Salesperson, Retail		/Y	O	0	
MKA0433	RETAIL MANAGER Retail Manager		/Y	O	0	
8827400	SPRT REC ENT MKT Sport, Recreation, and Entertainment Marketing	9-12,30,31 /				TEACH CDE @7 DIST ED @7 MKTG 1 RETAILING @7 G MKTG MGMT @7 G ADVR PROM @7 G SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8827410	SPORT REC ENT ESSEN Sport, Recreation, and Entertainment Essentials/Level 2		/Y	VO	1.0	
8827420	SPORT REC ENT APPL Sport, Recreation, and Entertainment 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	

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8800410	MARKETING COOP-OJT Marketing Cooperative Education-OJT /Level 2		/M	VO MC		
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	O	0	
MKA0010	MARKETING MANAGERS Marketing Managers		/Y	O	0	

MARKETING INFORMATION MANAGEMENT & RESEARCH CAREER PATH (MKPE)

8848100	CUSTOMER SERV REPR Customer Service Representative	9-12,30,31	/Y	VO	1.0	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 TRANSPORT @4 WHOLESALE @7 G
8848110	CUST SER REP 1 Customer Service Representative 1/ Level 2		/Y	VO	1.0	
8848120	CUST SER REP 2 Customer Service Representative 2/ Level 2		/Y	VO	1.0	
8848130	CUST SER REP 3 Customer Service Representative 3/ Level 2		/Y	VO	1.0	
8848140	CUST SER REP 4 Customer Service Representative 4/ Level 2		/Y	VO	1.0	
M807060	CUSTOMER SERV REPR Customer Service Representative	30,31	/			RETAILING @7 G ADVR PROM @7 G MKTG MGMT @7 G DIST ED @7 TRANSPORT @4 WHOLESALE @7 G TEACH CDE @7 HOTEL TRNG @7 G MKTG 1 INSURANCE @7 G TRANSPORT @7 G BANK FINC @7 G

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
MNA0135	TELECOMM CLERK Telecommunications Clerk (Customer Support)		/Y	O	0	
MNA0136	TELESALES REP Telesales Representative (Customer Service Representative)		/Y	O	0	
MNA0084	CUST SER REP Customer Service Representative (Customer Service Team Leader)		/Y	O	0	
MNA0085	CUST SER MANAGER Customer Service Manager		/Y	O	0	
◻M600100	CUSTOMER SERV REPR 1 Customer Service Representative 1	30,31	/			RETAILING @7 G ADVR PROM @7 G MKTG MGMT @7 G DIST ED @7 TRANSPORT @4 WHOLESALE @7 G TEACH CDE @7 HOTEL TRNG @7 G MKTG 1 INSURANCE @7 G TRANSPORT @7 G BANK FINC @7 G
MNA0135	TELECOMM CLERK Telecommunications Clerk (Customer Support)		/Y	O	0	
MNA0136	TELESALES REP Telesales Representative (Customer Service Representative)		/Y	O	0	
◻M600200	CUSTOMER SERV REPR 2 Customer Service Representative 2	30,31	/			RETAILING @7 G ADVR PROM @7 G MKTG MGMT @7 G DIST ED @7 TRANSPORT @4 WHOLESALE @7 G TEACH CDE @7 HOTEL TRNG @7 G MKTG 1 INSURANCE @7 G TRANSPORT @7 G BANK FINC @7 G
MNA0084	CUST SER REP Customer Service Representative (Customer Service Team Leader)		/Y	O	0	
MNA0085	CUST SER MANAGER Customer Service Manager		/Y	O	0	
M807068	CUST SERV TECH-ATD Customer Service Technology-ATD	30,31	/			
MNA0087	TELEPHONE SER REP Telephone Service Representative		/Y	O	0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
MNA0089	CUST SERVICE REP-ATD Customer Service Representative-ATD		/Y	O	0	
----- DISTRIBUTION & LOGISTICS CAREER PATH (MKPF) -----						
◻M812040	IND DIST & MGMT (MKT Industrial Distribution and Management (MKT)/Level 2	30,31	/			RETAILING @7 G DIST ED @7 TEACH CDE @7 MKTG 1 WHOLESALE @7 G MKTG MGMT @7 G
MNA0088	CUST SERVICE SPEC Customer Service Specialist		/Y	O	0	
◻MKA0631	BILLING CLERK Billing Clerk		/Y	VO	1.0	
MKA0632	STOCK CLERK Stock Clerk		/Y	O	0	
MKA0633	SALES REP, W&MANF Sales Representative, Wholesale and Manufacturing		/Y	O	0	
8809100	MKT MCH & PARTS OPS Marketing, Merchandising & Parts Operations	9-12,30,31	/			RETAILING @7 G MKTG 1 TEACH CDE @7 WHOLESALE @7 G MKTG MGMT @7 G
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	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA		GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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 TEACH CDE @7 WHOLESALE @7 G		DIST ED @7 MKTG 1 MKTG MGMT @7 G
MKA0640	SALES REPRESENTATIVE Sales Representative		/Y	O		0	
MKA0641	DRIVER/SALES WKRS Driver/Sales Workers		/Y	O		0	
MKA0642	WAREHOUSEMAN Warehouseman		/Y	O		0	
MKA0643	BILL,COST&RATE CLERK Billing, Cost and Rate Clerk		/Y	O		0	
MKA0644	PARTS ACCT CLERK Parts Accounting Clerk		/Y	O		0	
MKA0645	ORDER CLERK Order Clerk		/Y	O		0	
MKA0646	PARTS SPECIALIST Parts Specialist		/Y	O		0	
MKA0647	STOCKROOM CLERK Stockroom Clerk		/Y	O		0	
MKA0648	PURCHASING AGENT Purchasing Agent		/Y	O		0	
MKA0649	DISTRIBUTION MANAGER Distribution Manager		/Y	O		0	
M700100	MKT MCH & PARTS OPS1 Marketing, Merchandising & Parts Operations 1	30,31	/		RETAILING @7 G TEACH CDE @7 WHOLESALE @7 G		DIST ED @7 MKTG 1 MKTG MGMT @7 G
MKA0640	SALES REPRESENTATIVE Sales Representative		/Y	O		0	
MKA0643	BILL,COST&RATE CLERK Billing, Cost and Rate Clerk		/Y	O		0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA		GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
MKA0644	PARTS ACCT CLERK Parts Accounting Clerk		/Y	O		0	
MKA0647	STOCKROOM CLERK Stockroom Clerk		/Y	O		0	
MKA0648	PURCHASING AGENT Purchasing Agent		/Y	O		0	
MKA0649	DISTRIBUTION MANAGER Distribution Manager		/Y	O		0	
AM700200	MKT MCH & PARTS OPS2 Marketing, Merchandising & Parts Operations 2	30,31	/				RETAILING @7 G TEACH CDE @7 WHOLESALE @7 G DIST ED @7 MKTG 1 MKTG MGMT @7 G
MKA0641	DRIVER/SALES WKRS Driver/Sales Workers		/Y	O		0	
MKA0642	WAREHOUSEMAN Warehouseman		/Y	O		0	
MKA0645	ORDER CLERK Order Clerk		/Y	O		0	
MKA0646	PARTS SPECIALIST Parts Specialist		/Y	O		0	

## SUPPLEMENTAL PROGRAMS

8800210	EX OF MKT OCCS Exploration of Marketing Occupations	6-9,30,31	/S	VO		0.5	BUS ED 1 DIST ED @7 MKTG MGMT @7 G	TEACH CDE @7 MKTG 1
8800100	MKT ED DIR STUDY Marketing Education Directed Study	11-12,30,31/M		VO	MC		ANY MARKETING ED G	
8899990	MKT ED TRAN Marketing Education Transfer	9-12,30,31	/				NA	
M000000	MKT ED TRANSFER Marketing Education Transfer	30,31	/				NA	
8800110	ORIEN TO MKT OCCS Orientation to Marketing Occupations	6-9,30,31	/S	VO		0.5	BUS ED 1 DIST ED @7 MKTG MGMT @7 G	TEACH CDE @7 MKTG 1
8800310	PRACTICAL ENTREP SK Practical Entrepreneurship Skills	9-12,30,31	/S	VO		0.5	RETAILING @7 G DIST ED @7 MKTG MGMT @7 G	TEACH CDE @7 MKTG 1 WHOLESALE @7 G

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
-----  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	GEN SHOP @4 TRANSPORT @4 AIR MECH @7 G TEC CONSTR @7 G ELECTRICAL @4 @7 G GRAPH ARTS @4 PRINTING @7 G BLDG CONST @7 G AUTO MECH @7 G INDUS ARTS @4 @6 TEC ED 1 @2	GASENG RPR @7 G DIESEL MEC @7 G TEC MECH @7 G METALS @4 ELECTRONIC @7 G DRAFTING @7 G WOODWORKIN @4 CARPENTRY @7 G AUTO IND @7 G ENG 7 G
8600080	AEROSPACE TECHS Aerospace Technologies	9-12,30,31 /			INDUS ARTS @4 @6 TEC ED 1 @2	ENG 7 G
8600580	AEROSPACE TECH I Aerospace Technology I/Level 2	/Y	PA	1.0		
8600680	AEROSPACE TECH II Aerospace Technology II/Level 2	/Y	VO	1.0		
8601780	AEROSPACE TECH III Aerospace Technology III/Level 3	/Y	VO	1.0		
8601000	COMM TECH Communications Technology	9-12,30,31 /			INDUS ARTS @4 @6 GRAPH ARTS @4 ENG 7 G	GEN SHOP @4 PRINTING @7 G TEC ED 1 @2
8601010	COMM TECH I Communications Technology I/Level 2	/Y	PA	1.0		
8601020	COMM TECH II Communications Technology II/Level 2	/Y	PA	1.0		
8601030	COMM TECH III Communications Technology III/Level 3	/Y	PA	1.0		

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8600700	CONST TECH Construction Technology	9-12,30,31 /		INDUS ARTS @4 @6 CARPENTRY @7 G TEC CONSTR @7 G BLDG MAINT @7 G TEC ED 1 @2		GEN SHOP @4 WOODWORKIN @4 BLDG CONST @7 G ENG 7 G
8600710	CONST TECH I Construction Technology I/Level 2	/Y	VO		1.0	
8600720	CONST TECH II Construction Technology II/Level 2	/Y	PA		1.0	
8600730	CONST TECH III Construction Technology III/Level 3	/Y	PA		1.0	
8600800	DRAFT/ILL DESIGN TEC Drafting/Illustrative Design Techno logy	9-12,30,31 /		INDUS ARTS @4 @6 GRAPH ARTS @4 ENG 7 G		GEN SHOP @4 DRAFTING @7 G TEC ED 1 @2
8600810	DRAFT/ILL DSN TECH I Drafting/Illustrative Design Techno logy I/Level 2	/Y	PA		1.0	
8600820	DRAFT/ILL DSN TECHII Drafting/Illustrative Design Techno logy II/Level 2	/Y	PA		1.0	
8600830	DRAFT/ILL DSN TECIII Drafting/Illustrative Design Techno logy III/Level 3	/Y	PA		1.0	
8600900	ELECTS TECH Electronics Technology	9-12,30,31 /		INDUS ARTS @4 @6 ELECTRONIC @7 G TEC ELEC @7 G TEC ED 1 @2		GEN SHOP @4 ELECTRICAL @4 @7 G ENG 7 G
8600910	ELECTS TECH I Electronics Technology I/Level 2	/Y	VO		1.0	
8600920	ELECTS TECH II Electronics Technology II/Level 2	/Y	VO		1.0	
8600930	ELECTS TECH III Electronics Technology III/Level 3	/Y	VO		1.0	
89400200	ENGINEER BY DESIGN Engineering by Design	9-12,30,31 /Y		INDUS ARTS @4 @6 ENG @7 G	5.0	TEC ED 1 @2
8600120	FOUND OF TECH Foundations of Technology/Level 2	/Y	VO		1.0	
8600130	IMPACTS OF TECH Impacts of Technology/Level 2	/Y	VO		1.0	

## 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			
8600140	INTRO TO DESIGN Introduction to Design/Level 2		/Y	PA	1.0	
8600150	TECH ISSUES Technological Issues/Level 2		/Y	VO	1.0	
8600160	ENGR DESIGN Engineering Design/Level 2		/Y	PA	1.0	
8607000	ENGINEERING TECH Engineering Technology	9-12,30,31	/	VO	3.0	INDUS ARTS @4 @6 TEC ED 1 @2 ENG 7 G ENG TEC 7 G
8600570	ENGINEERING TECH I Engineering Technology I/Level 2		/Y	PA	1.0	
8600670	ENGINEERING TECH II Engineering Technology II/Level 2		/Y	PA	1.0	
8601770	ENGINEERING TECH III Engineering Technology III/Level 3		/Y	PA	1.0	
8601100	MAT & PROCS TECH Materials and Processes Technology	9-12,30,31	/			INDUS ARTS @4 @6 METALS @4 ENG 7 G CAB WOODWK 7 G GEN SHOP @4 WOODWORKIN @4 TEC ED 1 @2
8601110	MAT & PROCS TECH I Materials and Processes Technology I/Level 2		/Y	PA	1.0	
8601120	MAT & PROCS TECH II Materials and Processes Technology II/Level 2		/Y	PA	1.0	
8601130	MAT & PROCS TECH III Materials and Processes Technology III/Level 3		/Y	PA	1.0	
89400300	PATHWAYS TO ENGINEER Pathways to Engineering	9-12,30,31	/Y		5.0	SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8600520	PRIN OF ENGR Principles of Engineering/Level 3		/Y	PA	1.0	
8600530	DIG ELECT Digital Electronics/Level 3		/Y	PA	1.0	
8600550	INTRO TO ENGR DSN Introduction to Engineering Design/ Level 3		/Y	PA	1.0	
8600560	COMP INTG MAN Computer Integrated Manufacturing/Level 3		/Y	PA	1.0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8600590	CIV ENGR & ARCH Civil Engineering and Architecture/ Level 3	/Y	PA	1.0	
8600620	AERO ENGR Aerospace Engineering/Level 3	/Y	PA	1.0	
8600630	BIOTECH ENGR Biotechnical Engineering/Level 3	/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 /			INDUS ARTS @4 @6 AUTO MECH @7 G GASENG RPR @7 G DIESEL MEC @7 G TEC MECH @7 G TEC ED 1 @2 GEN SHOP @4 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 /	VO		INDUS ARTS @4 @6 TEC ED 1 @2 ENG 7 G
8600540	PRODUCTION TECH I Production Technology I/Level 2	/Y	PA	1.0	
8600640	PRODUCTION TECH II Production Technology II/Level 2	/Y	PA	1.0	
8601740	PRODUCTION TECH III Production Technology III/Level 3	/Y	PA	1.0	
8600100	TECH STUDIES Technology Studies	9-12,30,31 /	VO		INDUS ARTS @4 @6 TEC ED 1 @2 ENG 7 G
8600510	TECH STUDIES I Technology Studies I/Level 2	/Y	PA	1.0	
8600610	TECH STUDIES II Technology Studies II/Level 2	/Y	PA	1.0	
8601710	TECH STUDIES III Technology Studies III/Level 2	/Y	PA	1.0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8600400	TECH SYSS Technology Systems	9-12,30,31 /		INDUS ARTS @4 @6 AUTO MECH @7 G GASENG RPR @7 G DIESEL MEC @7 G TEC MECH @7 G TEC ED 1 @2		GEN SHOP @4 AUTO IND @7 G TRANSPORT @4 AIR MECH @7 G ENG 7 G
8600410	COMMUNICATIONS SYSS Communications Systems/Level 2	/S	PA		0.5	
8600420	POWER TRANS SYSTEMS Power and Transportation Systems/Level 2	/S	VO		0.5	
8600430	PRODUCTION SYSTEMS Production Systems/Level 2	/S	VO		0.5	
8600440	DRAFT/ILL DSN TECH Drafting/Illustrative Design Systems /Level 2	/S	PA		0.5	
8600450	ELECTRONICS SYSS Electronics Systems/Level 2	/S	VO		0.5	
8600460	ENGINEERING SYSS Engineering Systems/Level 2	/S	VO		0.5	
8600470	APPLIED TECH SYSS Applied Technology Systems/Level 2	/S	VO		0.5	
8600480	HOME TECH SYSTEMS Home Technology Systems/Level 2	/S	VO		0.5	
8601200	TRANS TECH Transportation Technology	9-12,30,31 /		INDUS ARTS @4 @6 AUTO MECH @7 G GASENG RPR @7 G DIESEL MEC @7 G TEC MECH @7 G TEC ED 1 @2		GEN SHOP @4 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	

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8601800	WORK-BASED EXP Work-Based Experience/Level 2	9-12,30,31 /M	VO	3.0	GEN SHOP @4 TRANSPORT @4 AIR MECH @7 G TEC CONSTR @7 G ELECTRICAL @4 @7 G GRAPH ARTS @4 PRINTING @7 G BLDG CONST @7 G AUTO MECH @7 G INDUS ARTS @4 @6 TEC ED 1 @2	GASENG RPR @7 G DIESEL MEC @7 G TEC MECH @7 G METALS @4 ELECTRONIC @7 G DRAFTING @7 G WOODWORKIN @4 CARPENTRY @7 G AUTO IND @7 G ENG 7 G

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GENERAL PROGRAMS  
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8600042	EX OF PDCT TECH & CP Exploration of Production Technology and Career Planning	6-9,30,31 /	VO	0.5	INDUS ARTS @4 @6 TEC ED 1 @2	
8600220	EXPLO TECH & CAR PLA Exploring Technology and Career Planning	6-9,30,31 /S	VO	0.5	INDUS ARTS @4 @6 TEC ED 1 @2	
8600000	INTEGRATED TECH ST Integrated Technology Studies	6-9,30,31 /			INDUS ARTS @4 @6 TEC ED 1 @2 SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	ENG 7 G
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		
8600250	EX POWER & ENRG TECH Exploration of Power and Energy Technology	/S	VO	0.5		

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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TRANSPORTATION, DISTRIBUTION & LOGISTICS CAREER CLUSTER

TRANSPORTATION OPERATIONS CAREER PATH (TRPA)  
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AI490301	BAS MARI OPS Basic Maritime Operations	30,31	/			SEAMANSHIP @7	G		
MTE0810	MARITIME OPERATOR Maritime Operator		/Y	O	0				

FACILITY & MOBILE EQUIPMENT MAINTENANCE CAREER PATH (TRPD)  
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AT600100	ADV AUTO SVR TECH 1 Advanced Automotive Service Technology 1	30,31	/			AUTO MECH @7	G	AUTO IND @7	G
AER0011	AUTO MAINT TECH Automotive Maintenance Technician		/Y	O	0				
AER0319	ADV AUTO ELEC TECH Advanced Automotive Electrical/ Electronics System Technician		/Y	O	0				
AT600200	ADV AUTO SVR TECH 2 Advanced Automotive Service Technology 2	30,31	/			AUTO MECH @7	G	AUTO IND @7	G
AER0118	ADV ENG RPR TECH Advanced Engine Repair Technician		/Y	O	0				
AER0258	ADV AUTO TRANS TECH Advanced Automatic Transmission/ Transaxle Technician		/Y	O	0				
AER0275	ADV MAN DT/AX TECH Advanced Manual Drivetrain and Axle Technician		/Y	O	0				
AER0459	ADV AUTO SUSP & STEE Advanced Automotive Suspension and Steering Technician		/Y	O	0				
AER0419	ADV AUTO BRAKE SYS Advanced Automotive Brake System Technician		/Y	O	0				

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
AER0173	ADV AUTO HEAT/AC TEC Advanced Automotive Heat/Air Conditioning Technician		/Y	O	0	
AER0506	ADV AUTO ENGN PERF T Advanced Automotive Engine Performance Technician		/Y	O	0	
I470604	ADV AUTO TECH Advanced Automotive Technology	30,31	/			AUTO MECH @7 G AUTO IND @7 G
AER0011	AUTO MAINT TECH Automotive Maintenance Technician		/Y	O	0	
AER0118	ADV ENG RPR TECH Advanced Engine Repair Technician		/Y	O	0	
AER0258	ADV AUTO TRANS TECH Advanced Automatic Transmission/ Transaxle Technician		/Y	O	0	
AER0275	ADV MAN DT/AX TECH Advanced Manual Drivetrain and Axle Technician		/Y	O	0	
AER0459	ADV AUTO SUSP & STEE Advanced Automotive Suspension and Steering Technician		/Y	O	0	
AER0419	ADV AUTO BRAKE SYS Advanced Automotive Brake System Technician		/Y	O	0	
AER0319	ADV AUTO ELEC TECH Advanced Automotive Electrical/ Electronics System Technician		/Y	O	0	
AER0173	ADV AUTO HEAT/AC TEC Advanced Automotive Heat/Air Conditioning Technician		/Y	O	0	
AER0506	ADV AUTO ENGN PERF T Advanced Automotive Engine Performance Technician		/Y	O	0	
8715200	AIRCRCR POWPL MECH Aircraft PowerPlant Mechanic	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	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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	
8709050	AUTO COLL RPR & REF5 Automotive Collision Repair and Refinishing 5/Level 2	/Y	VO	1.0	
8709060	AUTO COLL RPR & REF6 Automotive Collision Repair and Refinishing 6/Level 2	/Y	VO	1.0	
8709070	AUTO COLL RPR & REF7 Automotive Collision Repair and Refinishing 7/Level 2	/Y	VO	1.0	
8709080	AUTO COLL RPR & REF8 Automotive Collision Repair and Refinishing 8/Level 2	/Y	VO	1.0	
8709090	AUTO COLL RPR & REF9 Automotive Collision Repair and Refinishing 9/Level 2	/Y	VO	1.0	
I470603	AUTO COLL RPR & REF Automotive Collision Repair and Refinishing	30,31 /			AUTO IND @7 G AUTO BODY @7 G

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
ARR0210	PAINT & BODY HELPER Paint and Body Helper		/Y O	0	
ARR0213	PAINT & BODY ASST Paint and Body Assistant		/Y		
ARR0020	AUTO COLL EST Auto Collision Estimator		/Y		
ARR0313	FRAME & BODY RPR Frame and Body Repairman		/Y		
ARR0127	AUTO REFINISHING Automotive Refinishing		/Y		
ARR0240	AUTO BODY REPAIRER Automotive Body Repairer		/Y		
I47060R	AUTO COLL RPR&REF-AP Automotive Collision Repair and Refinishing - Apprenticeship	30,31	/		
αT400100	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 O	0	
ARR0213	PAINT & BODY ASST Paint and Body Assistant		/Y		
ARR0020	AUTO COLL EST Auto Collision Estimator		/Y		
ARR0313	FRAME & BODY RPR Frame and Body Repairman		/Y		
αT400200	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		
ARR0240	AUTO BODY REPAIRER Automotive Body Repairer		/Y		
8710000	AUTO DETAIL RECD Automotive Detailing and Reconditioning	9-12,30,31	/		AUTO BODY @7 G AUTO IND @7 G
8710010	AUTO DETAILING 1 Automotive Detailing 1		/Y VO	1.0	
8710020	AUTO DETAILING 2 Automotive Detailing 2		/Y VO	1.0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA		GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8710030	AUTO DETAILING 3 Automotive Detailing 3		/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	O		0	
ARR0611	RECOND DETAILER Reconditioning Detailer		/Y	O		0	
ARR0612	AUTO DETAILER Automobile Detailer		/Y	O		0	
<sup>a</sup> I480513	AUTO MACHINE SHOP Automotive Machine Shop	30,31	/				AUTO MACH @7 G METAL WORK @7 G AUTO IND @7 G
PMT0041	DIS & CLEAN TECH Disassembly and Cleaning Technician		/Y	O		0	
PMT0042	HEAD & BLK RECOND TE Head and Block Reconditioning Technician		/Y	O		0	
PMT0043	CRANKSHAFT & ROD TEC Crankshaft Grinding and Rod Reconditioning Technician		/Y	O		0	
PMT0044	AUTOMOTIVE MACHINIST Automotive Machinist		/Y	O		0	
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	

## 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		
8709480	AUTO SER TECH 8 Automotive Service Technology 8/Level 3		/Y	VO	1.0	
8709490	AUTO SER TECH 9 Automotive Service Technology 9/Level 3		/Y	VO	1.0	
8709491	AUTO SER TECH 10 Automotive Service Technology 10/Level 3		/Y	VO	1.0	
8709492	AUTO SER TECH 11 Automotive Service Technology 11/Level 3		/Y	VO	1.0	
8709493	AUTO SER TECH 12 Automotive Service Technology 12/Level 3		/Y	VO	1.0	
I470608	AUTO SERV TECH Automotive Service Technology	30,31	/			AUTO MECH @7 G      AUTO IND @7 G
AER0014	AUTO SERVICES ASST Automotive Services Assistor		/Y	O	0	
AER0110	ENGINE REPAIR TECH Engine Repair Technician		/Y	O	0	
AER0257	AUTO TRANS/AXLE TECH Automatic Transmission/Transaxle Technician		/Y	O	0	
AER0274	MAN DRIVETRAIN/AXLE Manual Drivetrain and Axle Technician		/Y	O	0	
AER0453	AUTO SUSP & STEER TE Automotive Suspension and Steering Technician		/Y	O	0	
AER0418	AUTO BRAKE SYS TECH Automotive Brake System Technician		/Y	O	0	
AER0360	AUTO ELEC/ELECT TECH Automotive Electrical/Electronics System Technician		/Y	O	0	
AER0172	AUTO HEAT/AC TECH Automotive Heat/Air Conditioning Technician		/Y	O	0	
AER0503	AUTO ENGN PERF TECH Automotive Engine Performance Technician		/Y	O	0	
I47061R	AUTO SERV TECH-APPR Automotive Service Technology - Apprenticeship	30,31	/			

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS			CREDIT	CERTIFICATION			
⊕T400700	AUTO SERV TECH 1 Automotive Service Technology 1	30,31	/				AUTO MECH @7	G	AUTO IND @7	G
AER0014	AUTO SERVICES ASST Automotive Services Assistor		/Y	O	0					
AER0418	AUTO BRAKE SYS TECH Automotive Brake System Technician		/Y	O	0					
AER0453	AUTO SUSP & STEER TE Automotive Suspension and Steering Technician		/Y	O	0					
AER0360	AUTO ELEC/ELECT TECH Automotive Electrical/Electronics System Technician		/Y	O	0					
AER0110	ENGINE REPAIR TECH Engine Repair Technician		/Y	O	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	O	0					
AER0257	AUTO TRANS/AXLE TECH Automatic Transmission/Transaxle Technician		/Y	O	0					
AER0274	MAN DRIVETRAIN/AXLE Manual Drivetrain and Axle Technician		/Y	O	0					
AER0172	AUTO HEAT/AC TECH Automotive Heat/Air Conditioning Te Technician		/Y	O	0					
⊕I470614	AUTOTRONICS Autotronics	30,31	/				ELECTRONIC @7	G	AUTO ELECT	G
AER0041	AUTO LUBE TECH Automotive Lube Technician		/Y	O	0		AUTO MECH @7	G		
AER0040	AUTO TECH Automotive Technician		/Y	O	0					
AER0312	AUTO BASIC ELEC TECH Automotive Basic Electronics Technician		/Y	O	0					
AER0358	AUTO ELEC PERF TECH Automotive Electronics Performance Technician		/Y	O	0					
AER0343	AUTOTRONICS TECH Autotronics Technician		/Y	O	0					

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
AT630100	AUTOTRONICS 1 Autotronics 1	30,31	/	ELECTRONIC @7	G	AUTO ELECT G
AER0041	AUTO LUBE TECH Automotive Lube Technician		/Y	O	0	
AER0040	AUTO TECH Automotive Technician		/Y	O	0	
AER0312	AUTO BASIC ELEC TECH Automotive Basic Electronics Technician		/Y	O	0	
AT630200	AUTOTRONICS 2 Autotronics 2	30,31	/	ELECTRONIC @7	G	AUTO ELECT G
AER0358	AUTO ELEC PERF TECH Automotive Electronics Performance Technician		/Y	O	0	
AER0343	AUTOTRONICS TECH Autotronics Technician		/Y	O	0	
I470612	AV AIRFRAME MECH Aviation Airframe Mechanics	30,31	/	AIR MECH @7	G	
AMT0700	AV GEN MAINT TECH HL Aviation General Maintenance Technician Helper		/Y	O	0	
AMT0710	AV MAINT TECH FAA1 Aviation Maintenance Technician with AA Airframe (1 of 2)		/Y	O	0	
AMT0711	AV MAINT TECH FAA2 Aviation Maintenance Technician with FAA Airframe (2 of 2)		/Y	O	0	
8715100	AVIATION MAINT GEN Aviation Maintenance General	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	
I470622	AVIATION POWPL MECH Aviation Powerplant Mechanics	30,31	/	AIR MECH @7	G	

## 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
AMT0700	AV GEN MAINT TECH HL Aviation General Maintenance Technician Helper		/Y	O	0
AMT0720	AV MAINT TECH PPR 1 Aviation Maintenance Technician with Power Plant Rating (1 of 2)		/Y	O	0
AMT0721	AV MAINT TECH PPR 2 Aviation Maintenance Technician with Power Plant Rating (2 of 2)		/Y	O	0
I470199	AVIONICS Avionics	30,31	/		
				ELECTRONIC @7	G AVIONICS @7 G
EEV0010	ELECTRONICS ASMBR Electronics Assembler		/Y		0
EEV0100	ELECTRONICS TESTER Electronics Tester		/Y		0
EEV0500	ELECT EQUIP RPR Electronics Equipment Repairer		/Y		0
EEV0616	ELECTRONICS TECH Electronics Technician		/Y		0
AVS0090	AVIONICS TEC PUB TEC Avionics Technical Publications Technician		/Y		0
AVS0091	AVIONICS INSTALLER Avionics Installer		/Y		0
AVS0092	AV COMM SYS TECH Avionics Communication System Technician		/Y		0
AVS0093	AVIONICS TECH Avionics Technician		/Y		0
AT640100	AVIONICS 1 Avionics 1	30,31	/		
				ELECTRONIC @7	G AVIONICS @7 G
EEV0010	ELECTRONICS ASMBR Electronics Assembler		/Y		0
EEV0100	ELECTRONICS TESTER Electronics Tester		/Y		0
EEV0500	ELECT EQUIP RPR Electronics Equipment Repairer		/Y		0
EEV0616	ELECTRONICS TECH Electronics Technician		/Y		0

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

## COURSES MEETING

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA		CREDIT	CERTIFICATION
			GRADUATION REQUIREMENTS			
AT640200	AVIONICS 2 Avionics 2	30,31	/			ELECTRONIC @7 G AVIONICS @7 G
AVS0090	AVIONICS TEC PUB TEC Avionics Technical Publications Technician		/Y		0	
AVS0091	AVIONICS INSTALLER Avionics Installer		/Y		0	
AVS0092	AV COMM SYS TECH Avionics Communication System Technician		/Y		0	
AVS0093	AVIONICS TECH Avionics Technician		/Y		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	O	0	
SER0700	CLERK PARTS Clerk Parts		/Y	O	0	
SER0171	INSTALLER REPAIRER Installer Repairer		/Y	O	0	
SER0341	HLP, MECH & REPAIRER Helper, Mechanic and Repairer		/Y	O	0	

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
SER0161	SM ENGINE MECH 1 Small Engine Mechanic (1 of 2)		/Y O	0	
SER0162	SM ENGINE MECH 2 Small Engine Mechanic (2 of 2)		/Y O	0	
α9503100	GLOB LOG & SUP CH TE Global Logistics and Supply Chain Technology	9-12,30,31 /			LOG TECH 7 G
9503110	GLOB LOG & SUP CH TE Global Logistics and Supply Chain Technology/Level 2		/Y VO	1.0	
9503120	INTRO TO IT APPS Introduction to Information Technology Applications/Level 2		/Y VO	1.0	
9503130	WAREHOUSE OPS & MAT1 Warehouse Operations and Material Handling I/Level 2		/Y VO	1.0	
9503140	WAREHOUSE OPS & MAT2 Warehouse Operations and Material Handling II/Level 2		/Y VO	1.0	
αT300100	GLOB LOG & SUP CH TE Global Logistics and Supply Chain Technology	30,31 /			LOG TECH 7 G
TRA0180	PACKER Packer		/Y O	0	
TRA0181	MATERIAL HANDLER Material Handler		/Y O	0	
TRA0182	SHIP,REC,TRF CLERK Shipping, Receiving and Traffic Clerk		/Y O	0	
TRA0183	LOGISTICS TECH Logistics Technician		/Y O	0	
8742000	HVY DUTY TRK & BS Heavy Duty Truck and Bus	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	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	SUBJECT AREA	CREDIT	CERTIFICATION
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	
I470302	HVY EQUIPMENT MECH Heavy Equipment Mechanics	30,31	/			DIESEL MEC @7 G
DIM0101	DSL ENGN TECH HLP Diesel Engine Technician Helper		/Y		0	
DIM0102	DSL ELEC & ELECT TEC Diesel Electrical and Electronics Technician		/Y		0	
DIM0103	DSL EQUIP PREV MAINT Diesel Equipment Preventive Maintenance Technician		/Y		0	
DIM0104	DIESEL ENGINE TECH Diesel Engine Technician		/Y		0	
DIM0105	DIESEL BRAKES TECH Diesel Brakes Technician		/Y		0	
DIM0106	DIES HEAT & AC TECH Diesel Heating and Air Conditioning Technician		/Y	O	0	
DIM0107	DSL STEER & SUSP TEC Diesel Steering and Suspension Technician		/Y		0	
DIM0108	DSL DRIVETRAIN TECH Diesel Drivetrain Technician		/Y		0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
DIM0110	DIESEL POWER TR TECH Diesel Power Train Technician		/Y O	0	
I47030R	HVY EQUIP MECH -APPR Heavy Equipment Mechanics - Apprenticeship	30,31	/		
I490202	HVY EQUIPMENT OPERAT Heavy Equipment Operation	30,31	/		OPER ENGR @7 G
TRA0070	HVY EQUIP MAINT TECH Heavy Equipment Maintenance Technician		/Y O	0	
TRA0086	TRACTOR OPERATOR Tractor Operator		/Y O	0	
TRA0087	OFFRD EQUIP OP 1 Offroad Equipment Operator (1 of 2)		/Y O	0	
TRA0088	OFFRD EQUIP OP 2 Offroad Equipment Operator (2 of 2)		/Y O	0	
TRA0049	CRANE OPERATOR Crane Operator		/Y O	0	
I49020R	HVY EQUIP OP-APPR Heavy Equipment Operation - Apprenticeship	30,31	/		
8751000	MARI SERV TECH Marine Service Technology	9-12,30,31	/		DIESEL MEC @7 G GASENG RPR @7 G
8751010	MARINE SERVICE 1 Marine Service 1/Level 2		/Y VO	1.0	
8751020	MARINE SERVICE 2 Marine Service 2/Level 2		/Y VO	1.0	
8751030	MARINE SERVICE 3 Marine Service 3/Level 2		/Y VO	1.0	
8751040	MARINE SERVICE 4 Marine Service 4/Level 2		/Y VO	1.0	
8751050	MARINE SERVICE 5 Marine Service 5/Level 2		/Y VO	1.0	
8751060	MARINE SERVICE 6 Marine Service 6/Level 2		/Y VO	1.0	
8751070	MARINE SERVICE 7 Marine Service 7/Level 2		/Y VO	1.0	
8751080	MARINE SERVICE 8 Marine Service 8/Level 2		/Y VO	1.0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8751090	MARINE SERVICE 9 Marine Service 9/Level 2		/Y VO	1.0	
I490306	MARINE SERVICE TECH Marine Service Technology	30,31	/		DIESEL MEC @7 G GASENG RPR @7 G
MTE0003	MARINE RIGGER Marine Rigger		/Y O	0	
MTE0050	OUTBOARD ENGN TECH 1 Outboard Engine Technician 1		/Y O	0	
MTE0070	OUTBOARD ENGN TECH 2 Outboard Engine Technician 2		/Y O	0	
MTE0183	STERN DRIVE TECH Stern Drive Technician		/Y O	0	
MTE0054	INBOARD GAS TECH Inboard Gas Technician		/Y O	0	
MTE0056	INBOARD DIESEL TECH Inboard Diesel Technician		/Y O	0	
αT500100	MARINE SER TECH 1 Marine Service Technology 1	30,31	/		DIESEL MEC @7 G GASENG RPR @7 G
MTE0003	MARINE RIGGER Marine Rigger		/Y O	0	
MTE0050	OUTBOARD ENGN TECH 1 Outboard Engine Technician 1		/Y O	0	
αT500200	MARINE SER TECH 2 Marine Service Technology 2	30,31	/		DIESEL MEC @7 G GASENG RPR @7 G
MTE0070	OUTBOARD ENGN TECH 2 Outboard Engine Technician 2		/Y O	0	
MTE0183	STERN DRIVE TECH Stern Drive Technician		/Y O	0	
MTE0054	INBOARD GAS TECH Inboard Gas Technician		/Y O	0	
MTE0056	INBOARD DIESEL TECH Inboard Diesel Technician		/Y O	0	
αT650100	MED & HVY TRK&BUS 1 Medium and Heavy Duty Truck and Bus Technician 1	30,31	/		DIESEL MEC @7 G
DIM0101	DSL ENGN TECH HLP Diesel Engine Technician Helper		/Y	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
DIM0102	DSL ELEC & ELECT TEC Diesel Electrical and Electronics Technician		/Y		0
DIM0104	DIESEL ENGINE TECH Diesel Engine Technician		/Y		0
DIM0105	DIESEL BRAKES TECH Diesel Brakes Technician		/Y		0
AT650200	MED & HVY TRK&BUS 2 Medium and Heavy Duty Truck and Bus Technician 2	30,31	/		DIESEL MEC @7 G
DIM0103	DSL EQUIP PREV MAINT Diesel Equipment Preventive Maintenance Technician		/Y		0
DIM0106	DIES HEAT & AC TECH Diesel Heating and Air Conditioning Technician		/Y	O	0
DIM0107	DSL STEER & SUSP TEC Diesel Steering and Suspension Technician		/Y		0
DIM0108	DSL DRIVETRAIN TECH Diesel Drivetrain Technician		/Y		0
DIM0109	DIESEL HYDRA TECH Diesel Hydraulics Technician		/Y		0
I470605	M&H DUTY TRK&BS TECH Medium and Heavy Duty Truck and Bus Technician	30,31	/		DIESEL MEC @7 G
DIM0101	DSL ENGN TECH HLP Diesel Engine Technician Helper		/Y		0
DIM0102	DSL ELEC & ELECT TEC Diesel Electrical and Electronics Technician		/Y		0
DIM0103	DSL EQUIP PREV MAINT Diesel Equipment Preventive Maintenance Technician		/Y		0
DIM0104	DIESEL ENGINE TECH Diesel Engine Technician		/Y		0
DIM0105	DIESEL BRAKES TECH Diesel Brakes Technician		/Y		0

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
DIM0106	DIES HEAT & AC TECH Diesel Heating and Air Conditioning Technician		/Y O	0	
DIM0107	DSL STEER & SUSP TEC Diesel Steering and Suspension Technician		/Y	0	
DIM0108	DSL DRIVETRAIN TECH Diesel Drivetrain Technician		/Y	0	
DIM0109	DIESEL HYDRA TECH Diesel Hydraulics Technician		/Y	0	
8766100	MOTORCYCLE SERV TECH Motorcycle Service Technology	9-12,30,31	/		MOTORCYCLE @7 G
8766110	MOTORCYCLE SERV 1 Motorcycle Service 1/Level 2		/Y VO	1.0	
8766120	MOTORCYCLE SERV 2 Motorcycle Service 2/Level 2		/Y VO	1.0	
8766130	MOTORCYCLE SERV 3 Motorcycle Service 3/Level 2		/Y VO	1.0	
8766140	MOTORCYCLE SERV 4 Motorcycle Service 4/Level 2		/Y VO	1.0	
8766150	MOTORCYCLE SERV 5 Motorcycle Service 5/Level 2		/Y VO	1.0	
8766160	MOTORCYCLE SERV 6 Motorcycle Service 6/Level 2		/Y VO	1.0	
8766170	MOTORCYCLE SERV 7 Motorcycle Service 7/Level 2		/Y VO	1.0	
8766180	MOTORCYCLE SERV 8 Motorcycle Service 8/Level 2		/Y VO	1.0	
8766190	MOTORCYCLE SERV 9 Motorcycle Service 9/Level 2		/Y VO	1.0	
8766200	MOTORCYCLE SERV 10 Motorcycle Service 10/Level 2		/Y VO	1.0	
I470616	MOTORCYCLE SERV TECH Motorcycle Service Technology	30,31	/		MOTORCYCLE @7 G
MOM0001	ASSEMBLER (SETUP) Assembler (Setup)		/Y O	0	
MOM0002	PARTS CLERK Parts Clerk		/Y O	0	
MOM0100	HELPER, MECHANIC Helper, Mechanic		/Y O	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
MOM0400	MOTORCYCLE MECH Motorcycle Mechanic		/Y	O	0
9500320	TRANSIT ADV ELEC SYS Transit Advanced Electrical Systems Technician/Level 2		/Y	VO	1
I470698	REC VEH SERVICE TECH Recreational Vehicle Service Technician	30,31	/		REC VEH SR @7 G
ARR0071	LOT PORTER Lot Porter		/Y	O	0
ARR0072	PRE-DEL INSPEC TECH Pre-Delivery Inspection Technician		/Y	O	0
ARR0073	REC VEHICLE TECH 1 Recreational Vehicle Technician (1 of 2)		/Y	O	0
ARR0074	REC VEHICLE TECH 2 Recreational Vehicle Technician (2 of 2)		/Y	O	0
<sup>a</sup> I470613	TRC&TRK BD RPR & REF Tractor and Trailer Body Repair and Refinishing	30,31	/		AUTO BODY @7 G
ARR0360	REFG MECH/TECH HLP Refrigeration Mechanic/Technician Helper		/Y	O	0
ARR0361	PREV MAINT/INT MECH Preventative Maintenance/Interchange Mechanic		/Y	O	0
ARR0362	CONT/TRAILER MECH Container/Trailer Mechanic		/Y	O	0
<sup>a</sup> 9500100	TRANSIT TECHNICIAN 1 Transit Technician 1	9-12,30,31	/Y		DIESEL MEC @7 G
9500110	TRANSIT EQUIP PREV Transit Equipment Preventative Maintenance Technician/Level 2		/Y	VO	1
9500120	TRANSIT BASIC ELEC Transit Basic Electrical Systems Technician/Level 2		/Y	VO	1

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
9500130	TRANSIT WHEELCHAIR Transit Wheelchair Lift/Ramp Technician/Level 2		/Y VO	1	
9500140	TRANSIT DSL ENG PREV Transit Diesel Engine Preventative Maintenance Technician/Level 2		/Y VO	1	
9500150	TRANSIT STEER & SUSP Transit Steering and Suspension Technician/Level 2		/Y VO	1	
αT660100	TRANSIT TECHNICIAN 1 Transit Technician 1	9-12,30,31	/Y		DIESEL MEC @7 G
DIM0810	TRANSIT EQUIP PREV Transit Equipment Preventative Maintenance Technician		/Y O	0	
DIM0811	TRANSIT BASIC ELEC Transit Basic Electrical Systems Technician		/Y O	0	
DIM0812	TRANSIT WHEELCHAIR Transit Wheelchair Lift/Ramp Technician		/Y O	0	
DIM0813	TRANSIT DSL ENG PREV Transit Diesel Engine Preventative Maintenance Technician		/Y O	0	
DIM0814	TRANSIT STEER & SUSP Transit Steering and Suspension Technician		/Y O	0	
α9500200	TRANSIT TECHNICIAN 2 Transit Technician 2	9-12,30,31	/Y		DIESEL MEC @7 G
9500210	TRANSIT HYDRAULICS Transit Hydraulics Technician/Level 2		/Y VO	1	
9500220	TRANSIT DIESEL ELEC Transit Diesel Electrical and Diesel Engine Electronics Technician/L2		/Y VO	1	
9500230	TRANSIT DRIVETRAIN Transit Drivetrain Technician/Level 2		/Y VO	1	
9500240	TRANSIT INTM ELEC Transit Intermediate Electrical Systems Technician/Level 2		/Y VO	1	
9500250	TRANSIT BRAKES/AIR Transit Brakes/Air System Technician		/Y VO	1	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS CREDIT CERTIFICATION		
αT660200	TRANSIT TECHNICIAN 2 Transit Technician 2	9-12,30,31	/Y		DIESEL MEC @7 G
DIM0820	TRANSIT HYDRAULICS Transit Hydraulics Technician		/Y	O	0
DIM0821	TRANSIT DIESEL ELEC Transit Diesel Electrical and Diesel Engine Electronics Technician		/Y	O	0
DIM0822	TRANSIT DRIVETRAIN Transit Drivetrain Technician		/Y	O	0
DIM0823	TRANSIT INTM ELEC Transit Intermediate Electrical Systems Technician		/Y	O	0
DIM0824	TRANSIT BRAKES/AIR Transit Brakes/Air System Technician		/Y	O	0
α9500300	TRANSIT TECHNICIAN 3 Transit Technician 3	9-12,30,31	/Y		DIESEL MEC @7 G
9500310	TRANSIT ALT FUELS Transit Alternative Fuels System Technician/Level 2		/Y	VO	1
9500320	TRANSIT ADV ELEC SYS Transit Advanced Electrical Systems Technician/Level 2		/Y	VO	1
9500330	TRANSIT HEAT & AIR Transit Heating and Air-Conditioning Technician/Level 2		/Y	VO	1
9500340	TRANS DIAG, REBUILD Transmission Diagnosis, Rebuild and Repair Technician/Level 2		/Y	VO	1
9500350	DIE ENG DIAG, REBLD Diesel Engine Diagnosis, Rebuild an d Repair Technician/Level 2		/Y	VO	1
αT660300	TRANSIT TECHNICIAN 3 Transit Technician 3	9-12,30,31	/Y		DIESEL MEC @7 G
DIM0830	TRANSIT ALT FUELS Transit Alternative Fuels System Technician		/Y	O	0
DIM0831	TRANSIT ADV ELEC SYS Transit Advanced Electrical Systems Technician		/Y	O	0

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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DIM0832	TRANSIT HEAT & AIR Transit Heating and Air-Conditioning Technician		/Y	O	0	
DIM0833	TRANS DIAG, REBUILD Transmission Diagnosis, Rebuild and Repair Technician		/Y	O	0	
DIM0834	DIE ENG DIAG, REBLD Diesel Engine Diagnosis, Rebuild and Repair Technician		/Y	O	0	

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TRANS SYS/INFRASTRUCTURE PLAN, MGMT & REGS PATH (TRPE)  
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I490105	AIR TRAFFIC CONTROL Air Traffic Control	30,31	/			AIR CONT @7 G
ATT0825	AIR TRAF CONT SPEC 1 Air Traffic Control Specialist (1 of 4)		/Y	O	0	
ATT0826	AIR TRAF CONT SPEC 2 Air Traffic Control Specialist (2 of 4)		/Y	O	0	
ATT0827	AIR TRAF CONT SPEC 3 Air Traffic Control Specialist (3 of 4)		/Y	O	0	
ATT0828	AIR TRAF CONT SPEC 4 Air Traffic Control Specialist (4 of 4)		/Y	O	0	
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	O	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	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

## COURSES MEETING

## SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA		GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
I490303	COMMERCIAL FISHING Commercial Fishing	30,31	/				COMM FISH @7 G
MTE0880	OFF OR FISH VES CAP1 Officer or Fishing Vessel Captain (1 of 2)		/Y	O	0		
MTE0881	OFF OR FISH VES CAP2 Officer or Fishing Vessel Captain (2 of 2)		/Y	O	0		
I490205	CMCL VEHICLE DRIVING Commercial Vehicle Driving	30,31	/				COMM DRIV @7 G
TRA0080	TRACTOR TRAIL TRK DR Tractor Trailer Truck Driver		/Y	O	0		
I490215	SCHOOL BUS DR TRAIN School Bus Driver Training	30,31	/				SC BS DR T @7 G
TRA0085	BUS DRIVER, SCHOOL Bus Driver, School		/Y	O	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	O	0		

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ADDITIONAL CAREER AND TECHNICAL EDUCATION PROGRAMS/COURSES

## DIVERSIFIED

D886700	C & T REL BAS SK Career and Technical Related Basic Skills	30,31	/				SCIENCE @4	PHYSICS 1 @4
							ENGLISH 1 @4	MATH 1 @4
							MG ENG C	MG MATH C
							ANY VOCATIONAL FIELD OR COVERAGE	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
D886200	COOP DIV ED-OJT Cooperative Diversified Education- OJT	30,31 /		COOR DCT @4 @7 TEACH CDE @7 ANY VOC FIELD OR COVERAGE/TC COOP ED E G ANY FIELD/BACHELORS OR HIGHER CERT/TC WK EXP E G COOR WK EX @7		SPECLIZ TC \$7 COOP TEACH @7
8300420	COOP DIV ED-OJT Cooperative Diversified Education- OJT/Level 2	9-12,30,31 /M	VO MC	COOR DCT @4 @7 TEACH CDE @7 ANY VOC FIELD OR COVERAGE/TC COOP ED E G ANY FIELD/BACHELORS OR HIGHER CERT/TC WK EXP E G COOR WK EX @7		SPECLIZ TC \$7 COOP TEACH @7
8303000	DIV CAR TECH Diversified Career Technology	9-12,30,31 /		COOR DCT @4 @7 TEACH CDE @7 ANY VOC FIELD OR COVERAGE/TC COOP ED E G ANY FIELD/BACHELORS OR HIGHER CERT/TC WK EXP E G COOR WK EX @7		SPECLIZ TC \$7 COOP TEACH @7
8303010	DIV CAREER TECH PRIN Diversified Career Technology Principles /Level 2		/Y VO		1.0	
8303020	DIV CAR TECH APPL Diversified Career Technology Applications/Level 2		/Y VO		1.0	
8303030	DIV CAR TECH MGMT Diversified Career Technologys Management/Level 2		/Y VO		1.0	
8300410	DIV CAR TECH-OJT Diversified Career Technology OJT/Level 2		/M VO MC			
D886100	DIV CAR TECH Diversified Career Technology	30,31 /		COOR DCT @4 @7 TEACH CDE @7 ANY VOC FIELD OR COVERAGE/TC COOP ED E G ANY FIELD/BACHELORS OR HIGHER CERT/TC WK EXP E G COOR WK EX @7		SPECLIZ TC \$7 COOP TEACH @7
8300100	DIV ED DIR STUDY Diversified Education Directed Study /Level 2	11-12,30,31/M	VO MC	ANY VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER		
9100210	EX CAR OCCS Exploration of Career Occupations	6-9,30,31 /S	VO	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	0.5	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
D886300	GUIDED WKPL LEARN Guided Workplace Learning	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/Level 2	9-12,30,31 /M	VO	MC		ANY VOCATIONAL FIELD OR COVERAGE PK PRIMARY H PRESCH ED A E CHILD ED @0 PRIMARY ED @B
9100310	ORIEN CAR OCCS Orientation to Career Occupations	6-9,30,31 /S	VO		0.5	ANY VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
9100110	ORIEN CAR OCCS & CP Orientation to Career 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	MC	
D988650	WKPL ESSENTIALS Workplace Essentials	30,31 /				ANY VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
8300310	WKPL ESSENTIALS Workplace Essentials/Level 2	9-12,30,31 /S	VO		0.5	ANY VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
8300330	WKPL TECH APPL Workplace Technology Applications/ Level 2	9-12,30,31 /S	VO		0.5	ANY VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER

## INSTRUCTIONAL SUPPORT SERVICES (SPECIAL NEEDS)

S990004	SUP COMPE EMP AD DIS Supported Competitive Employment for Adults W/Disabilities (Phase I)	30,31 /				ANY FIELD
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## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
SLS0051	TRAIN RELATED OCCS 1 Training Related Occupations 1		/Y O	0	
SLS0052	TRAIN RELATED OCCS 2 Training Related Occupations 2		/Y O	0	
9001810	VOC ED STUS DISAB Vocational Education for Students With Disabilities	7-12,30,31	/M VO MC		ANY VOCATIONAL FIELD OR COVERAGE
S990002	VOC ED STUS DISAB Vocational Education for Students With Disabilities	30,31	/		ANY VOCATIONAL FIELD OR COVERAGE
SLS0051	TRAIN RELATED OCCS 1 Training Related Occupations 1		/Y O	0	
SLS0052	TRAIN RELATED OCCS 2 Training Related Occupations 2		/Y O	0	
9001920	VOC/EMP SKLS/YOUTH Vocational Employability Skills for Youth	7-12,30,31	/M VO	0.5	ANY VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
9001820	VOC/EMP SKLS/YOU & CP Vocational Employability Skills for Youth and Career Planning	7-12,30,31	/M VO	0.5	ANY VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
9001910	VOC WRK EV Vocational Work Evaluation	7-12,30,31	/		ANY FIELD
S990003	VOC WRK EV Vocational Work Evaluation	30,31	/		ANY FIELD
S430123	VOC/EMP SKILLS/ADULT Vocational/Employability Skills for Adults	30,31	/		ANY VOCATIONAL FIELD OR COVERAGE
SLS0050	HELPER Helper		/Y O	0	

## OTHER CAREER AND TECHNICAL EDUCATION PROGRAMS

E910100	CONT WORKFORCE ED Continuing Workforce Education	30,31	/		ANY FIELD
E91010A	CWE - AG & NAT RES Continuing Workforce Education - Agriculture and Natural Resources	30,31	/M		ANY FIELD

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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	O	0
SLS0315	PRE-APPRENTICE II Pre-Apprenticeship II		/Y	O	0

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

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT CERTIFICATION
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& CAR P 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	/	ANY VOCATIONAL FIELD OR COVERAGE
8000220	M/J EXPLOR WHEEL 3 M/J Exploratory Career Wheel 3	6-8	/	ANY VOCATIONAL FIELD OR COVERAGE
8000230	M/J EXPLOR WHEEL 4 M/J Exploratory Career Wheel 4	6-8	/	ANY VOCATIONAL FIELD OR COVERAGE
8000240	M/J EXPLOR WHEEL 5 M/J Exploratory Career Wheel 5	6-8	/	ANY VOCATIONAL FIELD OR COVERAGE
8000250	M/J EXPLOR WHEEL 6 M/J Exploratory Career Wheel 6	6-8	/	ANY VOCATIONAL FIELD OR COVERAGE