

**Career and Technical Education (CTE)
Vocational Career Path, Program and Course Listings**

SECTION 5

CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|---|--|-----------------------------|---|--------------------------------|---------------|
| ----- | | | | | |
| AGRICULTURE, FOOD & NATURAL RESOURCES CAREER PATH | | | | | |
| ----- | | | | | |
| FOOD PRODUCTS & PROCESSING SYSTEMS CAREER PATH (AGPA) | | | | | |
| ----- | | | | | |
| 8117000 | AG COMM Agricultural Communications | 9-12,30,31 / | | VOC AGRI @4 AGRICULTUR 1 @2 | AGRI @4 |
| 8106810 | AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 2 | /Y | SC | 1.0 | |
| 8117010 | AG COM 2 Agricultural Communications 2/Level 2 | /Y | VO | 1.0 | |
| 8117020 | AG COM 3 Agricultural Communications 3/Level 2 | /Y | VO | 1.0 | |
| 8129200 | FOOD SCI APPL Food Science Applications | 9-12,30,31 / | | VOC AGRI @4 AGRICULTUR 1 @2 | AGRI @4 |
| 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 | VO | 1.0 | |
| 8129220 | FOOD SCI APPL 3 Food Science Applications 3/Level 2 | /Y | VO | 1.0 | |

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| ----- | | | | | |
| AGRICULTURE, FOOD & NATURAL RESOURCES CAREER PATH | | | | | |
| ----- | | | | | |
| PLANT SYSTEMS CAREER PATH (AGPB) | | | | | |
| ----- | | | | | |
| 8106400 | CROP & PLANT TECH Crop and Plant Technology | 9-12,30,31 / | | VOC AGRI @4 AGRI PROD #7 | AGRI @4 AGRICULTUR 1 @2 |
| 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 | |
| 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 AGRI @2 @4 | VOC AGRI @4 AGRICULTUR 1 @2 |
| 8121600 | HORT SCI & SERS Horticulture Science & Services | 9-12,30,31 / | | VOC AGRI @4 AGRICULTUR 1 @2 | AGRI @4 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 | |

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|---|--|-----------------------------|---|--------|--|
| ----- | | | | | |
| AGRICULTURE, FOOD & NATURAL RESOURCES CAREER PATH | | | | | |
| ----- | | | | | |
| 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 / | | | VOC AGRI @4 AGRI @2 @4 AGRICULTUR 1 @2 HORTICULT @7 G |
| A010615 | LAND MGMT Landscape Management | 30,31 / | | | VOC AGRI @4 AGRI @2 @4 AGRICULTUR 1 @2 HORTICULT @7 G |
| 8121300 | LAND OPS Landscape Operations | 9-12,30,31 / | | | VOC AGRI @4 AGRI @2 @4 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 | |

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|---|--|-----------------------------|---------------------------------|--|---|-----------------------------------|
| | | | GRADUATION REQUIREMENTS | | | |
| ----- | | | | | | |
| AGRICULTURE, FOOD & NATURAL RESOURCES CAREER PATH | | | | | | |
| ----- | | | | | | |
| 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 | / | | VOC AGRI @4 | AGRI @2 @4 |
| A01061R | NURSERY MGMT- APPR Nursery Management - Apprenticeship | 30,31 | / | | AGRICULTUR 1 @2 VOC AGRI @4 | HORTICULT @7 G AGRI @2 @4 |
| A01062R | NURSERY TEC-APPR Nursery Technician - Apprenticeship | 30,31 | / | | AGRICULTUR 1 @2 VOC AGRI @4 | HORTICULT @7 G AGRI @2 @4 |
| 8106500 | PLANT BIOTECH Plant Biotechnology | 9-12,30,31 | / | | VOC AGRI @4 AGRICULTUR 1 @2 | AGRI @4 |
| 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 | |
| A010510 | PLANT BIOTECH Plant Biotechnology | 30,31 | / | | VOC AGRI @2 @4 AGRI PROD @7 G AGRI @4 | AGRICULTUR 1 @2 HORTICULT @7 G |
| A020607 | SPRTS & REC TURF MGMT Sports and Recreational Turf Manage ment | 30,31 | / | | VOC AGRI @4 AGRICULTUR 1 @2 | AGRI @2 @4 HORTICULT @7 G |
| 8121400 | SPRTS & REC TURF OPS Sports and Recreational Turf Operat ions | 9-12,30,31 | / | | VOC AGRI @4 AGRICULTUR 1 @2 | AGRI @4 HORTICULT #7 |

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|---|--|-----------------------------|---|--------|-----------------------------------|
| ----- | | | | | |
| AGRICULTURE, FOOD & NATURAL RESOURCES CAREER PATH | | | | | |
| ----- | | | | | |
| 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 / | | | VOC AGRI @4 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 @4 AGRICULTUR 1 @2 |
| 8106200 | ANIM SCI & SERV Animal Science and Services | 9-12,30,31 / | | | VOC AGRI @4 AGRICULTUR 1 @2 |
| ----- | | | | | |

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|---|---|-----------------------------|---|--------|---|
| ----- | | | | | |
| AGRICULTURE, FOOD & NATURAL RESOURCES CAREER PATH | | | | | |
| ----- | | | | | |
| 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 & 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 & Services 6/Level 2 | /Y | VO | 1.0 | |
| 8112000 | AQUACULTURE Aquaculture | 9-12,30,31 / | | | VOC AGRI @4 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 / | | | VOC AGRI @4 AGRICULTUR 1 @2 AGRI @4 AG SUPPLI #7 |

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| ----- | | | | | |
| AGRICULTURE, FOOD & NATURAL RESOURCES CAREER PATH | | | | | |
| ----- | | | | | |
| 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 / | | | VOC AGRI @4 AGRICULTUR 1 @2 AGRI @2 @4 AG SUPPLI @7 G |
| ----- | | | | | |
| POWER, STRUCTURAL & TECHNICAL SYSTEMS CAREER PATH (AGPD) | | | | | |
| ----- | | | | | |
| 8103400 | AG MACHI MECH Agricultural Machinery Mechanics | 9-12,30,31 / | | | VOC AGRI @4 AGRI MECH #7 AGRI @4 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 | |

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| ----- | | | | | |
| AGRICULTURE, FOOD & NATURAL RESOURCES CAREER PATH | | | | | |
| ----- | | | | | |
| 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 | | VOC AGRI @4 AGRI MECH @7 G AGRICULTUR 1 @2 |
| 8103200 | AG MACHI OPS Agricultural Machinery Operations | 9-12,30,31 / | | | VOC AGRI @4 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 | |
| 8103210 | AG MACH OPS 4 Agricultural Machinery Operations 4 /Level 2 | /Y | VO | 1.0 | |
| A010204 | AG MACH OPS Agricultural Machinery Operations | 30,31 / | | | VOC AGRI @4 AGRI MECH @7 G AGRICULTUR 1 @2 |
| 8103300 | DIV AG MECH Diversified Agricultural Mechanics | 9-12,30,31 / | | | VOC AGRI @4 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 | |

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|---|--|-----------------------------|---|--------|--|
| ----- | | | | | |
| AGRICULTURE, FOOD & NATURAL RESOURCES CAREER PATH | | | | | |
| ----- | | | | | |
| 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 | / | | VOC AGRI @4 AIR MECH @7 G AGRI @2 @4 AGRICULTUR 1 @2 |
| A020608 | TURF EQ TECH-ATD Turf Equipment Technology-ATD | 30,31 | / | | |
| NATURAL RESOURCES SYSTEMS CAREER PATH (AGPE) | | | | | |
| ----- | | | | | |
| 8118300 | FORESTRY Forestry | 9-12,30,31 | / | | VOC AGRI @4 FORESTRY #7 AGRICULTUR 1 @2 AGRI @4 AGRI RES #7 |
| 8106810 | AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 2 | /Y | SC | 1.0 | |
| 8118310 | FOR & NAT RES 2 Forestry and Natural Resources 2/Le vel 2 | /Y | VO | 1.0 | |
| 8118320 | FOR & NAT RES 3 Forestry and Natural Resources 3/Le vel 2 | /Y | VO | 1.0 | |
| 8118330 | FORESTRY 4 Forestry 4/Level 2 | /Y | VO | 1.0 | |
| A010314 | FORESTRY Forestry | 30,31 | / | | VOC AGRI @4 AGRI RES @7 G AGRICULTUR 1 @2 FORESTRY @4 AGRI @2 @4 |
| 8112100 | NAT RES Natural Resources | 9-12,30,31 | / | | VOC AGRI @4 FORESTRY #7 AGRICULTUR 1 @2 AGRI @4 AGRI RES #7 |

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|---|---|-----------------------------|---|--------|---|
| ----- | | | | | |
| AGRICULTURE, FOOD & NATURAL RESOURCES CAREER PATH | | | | | |
| ----- | | | | | |
| 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 | |
| 8112110 | NAT RES 4 Natural Resources 4/Level 2 | /Y | VO | 1.0 | |
| A010301 | NAT RES Natural Resources | 30,31 / | | | VOC AGRI @4 FORESTRY @7 G AGRICULTUR 1 @2 AGRI @2 @4 AGRI RES @7 G |
| A020408 | PEST CON OPS-ATD Pest Control Operations-ATD | 30,31 / | | | |
| ----- | | | | | |
| ENVIRONMENTAL SERVICE SYSTEMS CAREER PATH (AGPF) | | | | | |
| ----- | | | | | |
| P150509 | ADV WATER TRTMT TECH Advanced Water Treatment Technologies | 30,31 / | | | TEC CHEM @7 G WSP OPER @7 G |
| 8914000 | AIR QUALITY TECH Air Quality Technology | 9-12,30,31 / | | | PUB SERV @7 G AGRI @4 WSP OPER @7 G VOC AGRI @4 AGRICULTUR 1 TEC CHEM @7 G |
| 8913010 | INTROD ENVIR TECH Introduction to Environmental Technology/Level 2 | /Y | VO | 1.0 | |

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|---|---|-----------------------------|---|--------|--|
| ----- | | | | | |
| AGRICULTURE, FOOD & NATURAL RESOURCES CAREER PATH | | | | | |
| ----- | | | | | |
| 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 / | | | VOC AGRI @4 AGRICULTUR 1 @2 AGRI @4 |
| 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 | |
| A010313 | ENVIR RES Environmental Resources | 30,31 / | | | VOC AGRI @2 @4 AGRICULTUR 1 @2 AGRI @4 |
| 8913000 | LAND RES TECH Land Resources Technology | 9-12,30,31 / | | | WSP OPER @7 G TEC CHEM @7 G VOC AGRI @4 AGRICULTUR 1 AGRI @4 |
| 8913010 | INTROD ENVIR TECH Introduction to Environmental Techn ology/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 | |

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| ----- | | | | | |
| AGRICULTURE, FOOD & NATURAL RESOURCES CAREER PATH | | | | | |
| ----- | | | | | |
| 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 |
| P150527 | WSTWTR TRTMT TECHS Wastewater Treatment Technologies | 30,31 | / | | TEC CHEM @7 G TEC CHEM @7 G WSP OPER @7 G |
| 8916000 | WATER RESOURCES TECH Water Resources Technology | 9-12,30,31 | / | | WSP OPER @7 G TEC CHEM @7 G VOC AGRI @4 AGRICULTUR 1 AGRI @4 |
| 8913010 | INTROD ENVIR TECH Introduction to Environmental Techn ology/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 | / | | TEC CHEM @7 G WSP OPER @7 G |
| ----- | | | | | |
| AGRIBUSINESS SYSTEMS CAREER PATH (AGPG) | | | | | |
| ----- | | | | | |
| 8116000 | AG SALES & SERS Agricultural Sales and Services | 9-12,30,31 | / | | VOC AGRI @4 AGRICULTUR 1 @2 ANY AGRICULTURE EDUC G AGRI @4 |

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|---|--|-----------------------------|---|----------|---|
| ----- | | | | | |
| AGRICULTURE, FOOD & NATURAL RESOURCES CAREER PATH | | | | | |
| ----- | | | | | |
| 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 | VO | 1.0 | |
| A010500 | AG SALES & SERS Agricultural Sales and Services | 30,31 / | | | VOC AGRI @4 AGRICULTUR 1 @2 ANY AGRICULTURE EDUC G |
| 8106800 | AGRITECH Agritechnology | 9-12,30,31 / | | | VOC AGRI @4 AGRI PROD #7 AGRI @4 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 | VOC AGRI @4 AGRICULTUR 1 @2 |
| 8100410 | AGRIBUS COOP ED Agribusiness Cooperative Education-OJT | 9-12,30,31 /M | VO | MULTIPLE | VOC AGRI @4 AGRICULTUR 1 @2 ANY AGRICULTURE EDUC G |
| A019999 | AGRIBUSINESS COOP ED Agribusiness Cooperative Education-OJT | 30,31 / | | | VOC AGRI @4 AGRICULTUR 1 @2 ANY AGRICULTURE EDUC G |
| 8199990 | AGRIBUS ED TRAN Agribusiness Education Transfer | 9-12,30,31 / | | | NA |

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|---|--|-----------------------------|---|--|----------------------------|
| ----- | | | | | |
| AGRICULTURE, FOOD & NATURAL RESOURCES CAREER PATH | | | | | |
| ----- | | | | | |
| 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 MULTIPLE | VOC AGRI @4 AGRICULTUR 1 @2 ANY AGRICULTURE EDUC G | AGRI @4 |
| 8100210 | EX OF AGRISCI Exploration of Agriscience | 6-9,30,31 /S | VO | 0.5 VOC AGRI @4 EXP AG @4 | AGRI @4 AGRICULTUR 1 @2 |
| 8100320 | FUND AGSCI Fundamentals of Agriscience/Level 2 | 9-12,30,31 /Y | VO | 1.0 VOC AGRI @4 AGRICULTUR 1 @2 | AGRI @4 |
| 8100120 | INTROD TO AGSCI Introduction to Agriscience | 6-9,30,31 /S | VO | 0.5 VOC AGRI @4 EXP AG @4 | AGRI @4 AGRICULTUR 1 @2 |
| 8100310 | ORIEN TO AGSCI Orientation to Agriscience | 6-9,30,31 /S | VO | 0.5 VOC AGRI @4 EXP AG @4 | AGRI @4 AGRICULTUR 1 @2 |
| 8100110 | ORIEN TO AGSCI & C P Orientation to Agriscience and Career Planning | 6-9,30,31 /S | VO | 0.5 VOC AGRI @4 EXP AG @4 | AGRI @4 AGRICULTUR 1 @2 |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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|--|---|-----------------------------|---|--------|--|
| ----- | | | | | |
| ARCHITECTURE & CONSTRUCTION CAREER PATH | | | | | |
| ----- | | | | | |
| DESIGN/PRE-CONSTRUCTION CAREER PATH (ACPA) | | | | | |
| ----- | | | | | |
| 8722000 | ACAD BLDG TR & CDT Academy of Building Trades and Cons truction Design Technology | 9-12,30,31 / | | | BLDG MAINT @7 G TROWEL TR @7 G ELECTRICAL @7 G AC HEAT ME @7 G BY 7/1/06 @7 G DRAFTING @7 G SHEETMETAL @7 G INDUS ARTS @4 |
| 8722010 | ACAD BLDG TR & CDT 1 Academy of Building Trades and Cons truction Design Technolgy 1 | / | VO | 1.0 | |
| 8722020 | ACAD BLDG TR & CDT 2 Academy of Building Trades and Cons truction Design Technology 2 | / | VO | 1.0 | |
| 8722030 | ACAD BLDG TR & CDT 3 Academy of Building Trades and Cons truction Design Technology 3 | / | VO | 1.0 | |
| 8722040 | ACAD BLDG TR & CDT 4 Academy of Building Trades and Cons truction Design Technology 4 | / | VO | 1.0 | |
| 8722050 | ACAD BLDG TR & CDT 5 Academy of Building Trades and Cons truction Design Technology 5 | / | VO | 1.0 | |
| 8722060 | ACAD BLDG TR & CDT 6 Academy of Building Trades and Cons truction Design Technology 6 | / | VO | 1.0 | |
| 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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|---|--|-----------------------------|---|--------|--|
| ----- | | | | | |
| ARCHITECTURE & CONSTRUCTION CAREER PATH | | | | | |
| ----- | | | | | |
| 8725010 | DRAFTING 1 Drafting 1/Level 2 | /Y | VO | 1.0 | |
| 8725020 | DRAFTING 2 Drafting 2/Level 2 | /Y | VO | 1.0 | |
| 8725030 | DRAFTING 3 Drafting 3/Level 2 | /Y | VO | 1.0 | |
| 8725040 | DRAFTING 4 Drafting 4/Level 2 | /Y | VO | 1.0 | |
| 8725450 | ARCH DRAFTING 5 Architectural Drafting 5/Level 2 | /Y | VO | 1.0 | |
| 8725460 | ARCH DRAFTING 6 Architectural Drafting 6/Level 2 | /Y | VO | 1.0 | |
| 8725470 | ARCH DRAFTING 7 Architectural Drafting 7/Level 2 | /Y | VO | 1.0 | |
| 8725480 | ARCH DRAFTING 8 Architectural Drafting 8/Level 2 | /Y | VO | 1.0 | |
| 8725490 | ARCH DRAFTING 9 Architectural Drafting 9/Level 2 | /Y | VO | 1.0 | |
| 8725491 | ARCH DRAFTING 10 Architectural Drafting 10/Level 2 | /Y | VO | 1.0 | |
| 8725492 | ARCH DRAFTING 11 Architectural Drafting 11/Level 2 | /Y | VO | 1.0 | |
| 8725493 | ARCH DRAFTING 12 Architectural Drafting 12/Level 2 | /Y | VO | 1.0 | |
| 8725494 | ARCH DRAFTING 13 Architectural Drafting 13/Level 2 | /Y | VO | 1.0 | |
| I480112 | ARCH DRAFTING Architectural Drafting | 30,31 / | | | DRAFTING @7 G GRAPH ARTS 4 COMM ART @7 G |

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|---|---|-----------------------------|---|--------|--|
| ----- | | | | | |
| ARCHITECTURE & CONSTRUCTION CAREER PATH | | | | | |
| ----- | | | | | |
| 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 | VO | 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 |
| 8725000 | DRAFT TECHS Drafting Technologies | 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 | VO | 1.0 | |
| 8725020 | DRAFTING 2 Drafting 2/Level 2 | /Y | VO | 1.0 | |
| 8725030 | DRAFTING 3 Drafting 3/Level 2 | /Y | VO | 1.0 | |
| 8725040 | DRAFTING 4 Drafting 4/Level 2 | /Y | VO | 1.0 | |
| 8725200 | ELECTRICAL DRAFT Electrical Drafting | 9-12,30,31 / | | | BLDG CONST @7 G TEC DRAFT @7 G DRAFTING @7 G TEC CONSTR @7 G |
| 8725010 | DRAFTING 1 Drafting 1/Level 2 | /Y | VO | 1.0 | |
| 8725020 | DRAFTING 2 Drafting 2/Level 2 | /Y | VO | 1.0 | |
| 8725030 | DRAFTING 3 Drafting 3/Level 2 | /Y | VO | 1.0 | |

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|---|--|-----------------------------|---|--------|-----------------------------------|
| ----- | | | | | |
| ARCHITECTURE & CONSTRUCTION CAREER PATH | | | | | |
| ----- | | | | | |
| 8725040 | DRAFTING 4 Drafting 4/Level 2 | /Y | VO | 1.0 | |
| 8725210 | ELEC DRAFTING 5 Electrical Drafting 5/Level 2 | /Y | VO | 1.0 | |
| 8725220 | ELEC DRAFTING 6 Electrical Drafting 6/Level 2 | /Y | VO | 1.0 | |
| 8725230 | ELEC DRAFTING 7 Electrical Drafting 7/Level 2 | /Y | VO | 1.0 | |
| 8725240 | ELEC DRAFTING 8 Electrical Drafting 8/Level 2 | /Y | VO | 1.0 | |
| I480114 | ELECTRICAL DRAFTING Electrical Drafting | 30,31 | / | | DRAFTING @7 G TEC DRAFT @7 G |
| 8725100 | ELECTRONIC DRAFT Electronic Drafting | 9-12,30,31 | / | | BLDG CONST @7 G DRAFTING @7 G |
| 8725010 | DRAFTING 1 Drafting 1/Level 2 | /Y | VO | 1.0 | TEC DRAFT @7 G TEC CONSTR @7 G |
| 8725020 | DRAFTING 2 Drafting 2/Level 2 | /Y | VO | 1.0 | |
| 8725030 | DRAFTING 3 Drafting 3/Level 2 | /Y | VO | 1.0 | |
| 8725040 | DRAFTING 4 Drafting 4/Level 2 | /Y | VO | 1.0 | |
| 8725110 | ELECTRONIC DRAFT 5 Electronic Drafting 5/Level 2 | /Y | VO | 1.0 | |
| 8725120 | ELECTRONIC DRAFT 6 Electronic Drafting 6/Level 2 | /Y | VO | 1.0 | |

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|---|--|-----------------------------|---|--------|---|
| ----- | | | | | |
| ARCHITECTURE & CONSTRUCTION CAREER PATH | | | | | |
| ----- | | | | | |
| 8725130 | ELECTRONIC DRAFT 7 Electronic Drafting 7/Level 2 | /Y | VO | 1.0 | |
| 8725140 | ELECTRONIC DRAFT 8 Electronic Drafting 8/Level 2 | /Y | VO | 1.0 | |
| I480115 | ELECTRONIC DRAFTING Electronic Drafting | 30,31 / | | | DRAFTING @7 G TEC DRAFT @7 G |
| 8725300 | MECHANICAL DRAFT Mechanical Drafting | 9-12,30,31 / | | | BLDG CONST @7 G DRAFTING @7 G TEC DRAFT @7 G TEC CONSTR @7 G |
| 8725010 | DRAFTING 1 Drafting 1/Level 2 | /Y | VO | 1.0 | |
| 8725020 | DRAFTING 2 Drafting 2/Level 2 | /Y | VO | 1.0 | |
| 8725030 | DRAFTING 3 Drafting 3/Level 2 | /Y | VO | 1.0 | |
| 8725040 | DRAFTING 4 Drafting 4/Level 2 | /Y | VO | 1.0 | |
| 8725310 | MECHANICAL DRAFT 5 Mechanical Drafting 5/Level 2 | /Y | VO | 1.0 | |
| 8725320 | MECHANICAL DRAFT 6 Mechanical Drafting 6/Level 2 | /Y | VO | 1.0 | |
| 8725330 | MECHANICAL DRAFT 7 Mechanical Drafting 7/Level 2 | /Y | VO | 1.0 | |
| 8725340 | MECHANICAL DRAFT 8 Mechanical Drafting 8/Level 2 | /Y | VO | 1.0 | |
| 8725350 | MECHANICAL DRAFT 9 Mechanical Drafting 9/Level 2 | /Y | VO | 1.0 | |

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|---|--|-----------------------------|---|--------|-----------------------------------|
| ----- | | | | | |
| ARCHITECTURE & CONSTRUCTION CAREER PATH | | | | | |
| ----- | | | | | |
| 8725360 | MECHANICAL DRAFT 10 Mechanical Drafting 10/Level 2 | /Y | VO | 1.0 | |
| 8725370 | MECHANICAL DRAFT 11 Mechanical Drafting 11/Level 2 | /Y | VO | 1.0 | |
| 8725380 | MECHANICAL DRAFT 12 Mechanical Drafting 12/Level 2 | /Y | VO | 1.0 | |
| 8725390 | MECHANICAL DRAFT 13 Mechanical Drafting 13/Level 2 | /Y | VO | 1.0 | |
| I480116 | MECH DRAFTING Mechanical Drafting | 30,31 / | | | DRAFTING @7 G TEC DRAFT @7 G |
| 8725500 | STRUCT DRAFT Structural Drafting | 9-12,30,31 / | VO | | BLDG CONST @7 G TEC DRAFT @7 G |
| 8725010 | DRAFTING 1 Drafting 1/Level 2 | /Y | VO | 1.0 | |
| 8725020 | DRAFTING 2 Drafting 2/Level 2 | /Y | VO | 1.0 | |
| 8725030 | DRAFTING 3 Drafting 3/Level 2 | /Y | VO | 1.0 | |
| 8725040 | DRAFTING 4 Drafting 4/Level 2 | /Y | VO | 1.0 | |
| 8725550 | STRUCT DRAFTING 5 Structural Drafting 5/Level 2 | /Y | VO | 1.0 | |
| 8725560 | STRUCT DRAFTING 6 Structural Drafting 6/Level 2 | /Y | VO | 1.0 | |
| 8725570 | STRUCT DRAFTING 7 Structural Drafting 7/Level 2 | /Y | VO | 1.0 | |

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|---|--|-----------------------------|---|--------|------------------------------------|
| ----- | | | | | |
| ARCHITECTURE & CONSTRUCTION CAREER PATH | | | | | |
| ----- | | | | | |
| 8725580 | STRUCT DRAFTING 8 Structural Drafting 8/Level 2 | /Y | VO | 1.0 | |
| 8725590 | STRUCT DRAFTING 9 Structural Drafting 9/Level 2 | /Y | VO | 1.0 | |
| 8725591 | STRUCT DRAFTING 10 Structural Drafting 10/Level 2 | /Y | VO | 1.0 | |
| 8725592 | STRUCT DRAFTING 11 Structural Drafting 11/Level 2 | /Y | VO | 1.0 | |
| 8725593 | STRUCT DRAFTING 12 Structural Drafting 12/Level 2 | /Y | VO | 1.0 | |
| I480113 | STRUCTURAL DRAFTING Structural Drafting | 30,31 | / | | DRAFTING @7 G TEC DRAFT @7 G |
| I150203 | SURVEY & MAP TECH Surveying and Mapping Technology | 30,31 | / | | TEC CONSTR ù7 ùG SURVEY @7 G |
| I15020R | SURV & MAP TECH-APPR Surveying and Mapping Technology - Apprenticeship | 30,31 | / | | TEC CONSTR ù7 ùG SURVEY @7 G |
| CONSTRUCTION CAREER PATH (ACPB) | | | | | |
| ----- | | | | | |
| I47021R | A/C,REFG&HT TEC-APPR Air Conditioning, Refrigeration and Heating Technology - Apprenticeship | 30,31 | / | | AC HEAT ME @7 G REFRG MECH @7 G |
| 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 |

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|---|---|-----------------------------|---|--------|---|
| ----- | | | | | |
| ARCHITECTURE & CONSTRUCTION CAREER PATH | | | | | |
| ----- | | | | | |
| 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 | AC,REFG &HT TECH(PS) Air Conditioning, Refrigeration and Heating Technology (Postsecondary) | 30,31 / | | | AC HEAT ME @7 G REFRG MECH @7 G |
| 8722900 | BRK & BLOCK MASONRY Brick and Block Masonry | 9-12,30,31 / | | | BLDG CONST ù7 ùG TEC CONSTR ù7 ùG TROWEL TR @7 G |
| 8722610 | MASONRY 1 Masonry 1/Level 2 | /Y | VO | 1.0 | |

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|---|--|-----------------------------|---|--------|---|
| ----- | | | | | |
| ARCHITECTURE & CONSTRUCTION CAREER PATH | | | | | |
| ----- | | | | | |
| 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 | |
| I463112 | BRK & BLK MASONRY Brick and Block Masonry | 30,31 / | | | BLDG CONST @7 @G TROWEL TR @7 G |
| I46311R | BRK & BLK MAS - APPR Brick and Block Masonry - Apprentic eship | 30,31 / | | | BLDG CONST @7 @G TROWEL TR @7 G |
| I46312R | BRK & TILE MASON-APPR Brick and Tile Masonry - Apprentice ship | 30,31 / | | | BLDG CONST @7 @G TROWEL TR @7 G |
| 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 |
| 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 | |

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|---|--|-----------------------------|---|--------|--|
| ----- | | | | | |
| ARCHITECTURE & CONSTRUCTION CAREER PATH | | | | | |
| ----- | | | | | |
| 8720330 | BLDG CONST TECH 3 Building Construction Technology 3/ Level 2 | /Y | VO | 1.0 | |
| 8720340 | BLDG CONST TECH 4 Building Construction Technology 4/ Level 2 | /Y | VO | 1.0 | |
| 8720350 | BLDG CONST TECH 5 Building Construction Technology 5/ Level 2 | /Y | VO | 1.0 | |
| 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 |
| I46040R | BLDG CONST TECH-APPR Building Construction Technologies - Apprenticeship | 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 |
| 8720100 | CABINETMAKING Cabinetmaking | 9-12,30,31 | / | | CAB WOODWK @7 G BLDG CONST @7 G CARPENTRY @7 G TEC CONSTR @7 G |

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|---|---|-----------------------------|---|--------|------------------------------------|
| ----- | | | | | |
| ARCHITECTURE & CONSTRUCTION CAREER PATH | | | | | |
| ----- | | | | | |
| 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 2 | /Y | VO | 1.0 | |
| 8720140 | CABINETMAKING 4 Cabinetmaking 4/Level 2 | /Y | VO | 1.0 | |
| 8720150 | CABINETMAKING 5 Cabinetmaking 5/Level 2 | /Y | VO | 1.0 | |
| I480704 | CABINETMAKING Cabinetmaking | 30,31 / | | | CAB WOODWK @7 G BLDG CONST @7 G |
| 8722100 | CARPENTRY Carpentry | 9-12,30,31 / | | | CAB WOODWK @7 G BLDG CONST @7 G |
| 8722110 | CARP & CAB MAKING 1 Carpentry and Cabinetmaking 1/Level 2 | /Y | VO | 1.0 | CARPENTRY @7 G TEC CONSTR @7 G |
| 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 2 | /Y | VO | 1.0 | |
| 8722140 | CARP 4 Carpentry 4/Level 2 | /Y | VO | 1.0 | |

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|---|---|-----------------------------|---|--------|------------------------------------|
| ----- | | | | | |
| ARCHITECTURE & CONSTRUCTION CAREER PATH | | | | | |
| ----- | | | | | |
| 8722150 | CARP 5 Carpentry 5/Level 2 | /Y | VO | 1.0 | |
| 8722160 | CARP 6 Carpentry 6/Level 2 | /Y | VO | 1.0 | |
| 8722170 | CARP 7 Carpentry 7/Level 2 | /Y | VO | 1.0 | |
| I460202 | CARPENTRY Carpentry | 30,31 | / | | CAB WOODWK @7 G BLDG CONST @7 G |
| I46020R | CARPENTRY - APPR Carpentry - Apprenticeship | 30,31 | / | | CAB WOODWK @7 G BLDG CONST @7 G |
| I460407 | CMCL & INDUS INSUL Commercial and Industrial Insulation | 30,31 | / | | TEC CONSTR ù7 ùG INSULAT @7 G |
| I46042R | CMCL&INDUSINSUL-APPR Commercial and Industrial Insulation - Apprenticeship | 30,31 | / | | TEC CONSTR ù7 ùG INSULAT @7 G |
| 8722600 | CONCRETE MASONRY Concrete Masonry | 9-12,30,31 | / | | BLDG CONST ù7 ùG TROWEL TR @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 | |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|---|--|-----------------------------|---|--------|--|
| ----- | | | | | |
| ARCHITECTURE & CONSTRUCTION CAREER PATH | | | | | |
| ----- | | | | | |
| 8722650 | MASONRY 5 Masonry 5/Level 2 | /Y | VO | 1.0 | |
| 8722660 | MASONRY 6 Masonry 6/Level 2 | /Y | VO | 1.0 | |
| I463113 | CONCRETE MASONRY Concrete Masonry | 30,31 | / | | BLDG CONST ù7 ùG TROWEL TR @7 G |
| I460404 | DRYWALL INSTAL Drywall Installation | 30,31 | / | | TEC CONSTR ù7 ùG BLDG CONST ù7 ùG DRYWALL @7 G |
| I460314 | ELECTRICIAN Electrician | 30,31 | / | | ELECTRICAL @7 G |
| I46032R | ELECTRICIAN - APPR Electrician - Apprenticeship | 30,31 | / | | ELECTRICAL @7 G |
| 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 2 | /Y | VO | 1.0 | |
| 8727240 | ELECTRICITY 4 Electricity 4/Level 2 | /Y | VO | 1.0 | |
| 8727250 | ELECTRICITY 5 Electricity 5/Level 2 | /Y | VO | 1.0 | |
| 8727260 | ELECTRICITY 6 Electricity 6/Level 2 | /Y | VO | 1.0 | |

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|---|---|-----------------------------|---|--------|----------------------------------|
| ----- | | | | | |
| ARCHITECTURE & CONSTRUCTION CAREER PATH | | | | | |
| ----- | | | | | |
| 8727270 | ELECTRICITY 7 Electricity 7/Level 2 | /Y | VO | 1.0 | |
| 8727280 | ELECTRICITY 8 Electricity 8/Level 2 | /Y | VO | 1.0 | |
| I460312 | ELECTRICITY Electricity | 30,31 / | | | ELECTRICAL @7 G |
| 8721800 | FIRE SPRI SYS TECH Fire Sprinkler System Technology | 9-12,30,31 / | VO | | PLUMBIN @7 G TEC CONSTR ù7 ùG |
| 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/Le vel 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 | |
| I460512 | FIRE SPRI SYS TECH Fire Sprinkler System Technology | 30,31 / | | | PLUMBIN @7 G TEC CONSTR ù7 ùG |
| I46051R | FIRE SPRI SYSS-APPR Fire Sprinkler System Technology- A pprenticeship | 30,31 / | | | PLUMBIN @7 G TEC CONSTR ù7 ùG |

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|---|--|-----------------------------|---|--------|-----------------------------------|
| ----- | | | | | |
| ARCHITECTURE & CONSTRUCTION CAREER PATH | | | | | |
| ----- | | | | | |
| 8721400 | FLOOR COVER INSTAL Floor Covering Installation | 9-12,30,31 / | | | TEC CONSTR ù7 ùG FLOORING @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 | |
| I460405 | FLOOR COVER INSTAL Floor Covering Installation | 30,31 / | | | TEC CONSTR ù7 ùG FLOORING @7 G |
| I460406 | GLAZING Glazing | 30,31 / | | | TEC CONSTR ù7 ùG GLAZIER @7 G |
| I46041R | GLAZING - APPR Glazing - Apprenticeship | 30,31 / | | | TEC CONSTR ù7 ùG GLAZIER @7 G |
| 8706300 | INDUS ELECTR Industrial Electricity | 9-12,30-31 / | | | ELECTRICAL @7 G |
| 8706310 | INDUS ELECTR 1 Industrial Electricity 1/Level 2 | | /Y VO | 1.0 | |
| 8706320 | INDUS ELECTR 2 Industrial Electricity 2/Level 2 | | /Y VO | 1.0 | |
| 8706330 | INDUS ELECTR 3 Industrial Electricity 3/Level 2 | | /Y VO | 1.0 | |
| 8706340 | INDUS ELECTR 4 Industrial Electricity 4/Level 2 | | /Y VO | 1.0 | |

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|---|--|-----------------------------|---|--------|------------------------------------|
| ----- | | | | | |
| ARCHITECTURE & CONSTRUCTION CAREER PATH | | | | | |
| ----- | | | | | |
| 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 |
| I460514 | INDUS PIPEFITTER Industrial Pipefitter | 30,31 / | | | PLUMBIN @7 G TEC CONSTR ù7 ùG |
| I46053R | INDUS PIPEFIT-APPR Industrial Pipefitter - Apprenticeship | 30,31 / | | | PLUMBIN @7 G TEC CONSTR ù7 ùG |
| 8721500 | PAINT & DECORATING Painting and Decorating | 9-12,30,31 / | | | TEC CONSTR ù7 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 ù7 ùG PAINTING @7 G |
| I46043R | PAINT & DEC - APPR Painting and Decorating - Apprenticeship | 30,31 / | | | TEC CONSTR ù7 ùG PAINTING @7 G |
| 8723600 | PLASTERING Plastering | 9-12,30-31 / | | | TEC CONSTR ù7 ùG TROWEL TR @7 G |

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|---|--|-----------------------------|---|--------|------------------------------------|
| ----- | | | | | |
| ARCHITECTURE & CONSTRUCTION CAREER PATH | | | | | |
| ----- | | | | | |
| 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 ù7 ùG TROWEL TR @7 G |
| I46044R | PLASTERING - APPR Plastering - Apprenticeship | 30,31 / | | | TEC CONSTR ù7 ùG TROWEL TR @7 G |
| 8721600 | PLUMBING TECH Plumbing Technology | 9-12,30,31 / | VO | | PLUMBIN @7 G TEC CONSTR ù7 ùG |
| 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 ù7 ùG |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|--|---|-----------------------------|---|--------|--|
| ----- ARCHITECTURE & CONSTRUCTION CAREER PATH ----- | | | | | |
| I46052R | PLUMBING TECH-APPR Plumbing Technology - Apprenticeship | 30,31 / | | | PLUMBIN @7 G TEC CONSTR ù7 ùG BLDG CONST ù7 ùG |
| I460410 | ROOFING Roofing | 30,31 / | | | TEC CONSTR ù7 ùG ROOFING @7 G BLDG CONST ù7 ùG |
| I46045R | ROOFING - APPR Roofing - Apprenticeship | 30,31 /Y | | | TEC CONSTR ù7 ùG ROOFING @7 G BLDG CONST ù7 ùG |
| I480519 | STRUCT STEEL WORK Structural Steel Work | 30,31 / | | | TEC CONSTR ù7 ùG STRL STEEL @7 G BLDG CONST ù7 ùG METAL WORK @7 G |
| I48051R | STRUCT ST WK-APPR Structural Steel Worker - Apprenticeship | 30,31 / | | | TEC CONSTR ù7 ùG STRL STEEL @7 G BLDG CONST ù7 ùG METAL WORK @7 G |
| 8723100 | TILE SETTING Tile Setting | 9-12,30,31 / | | | TEC CONSTR ù7 ùG TILE SET @7 G BLDG CONST ù7 ùG |
| 8723110 | TILE SETTING 1 Tile Setting 1/Level 2 | /Y | VO | 1.0 | |
| 8723120 | TILE SETTING 2 Tile Setting 2/Level 2 | /Y | VO | 1.0 | |
| 8723130 | TILE SETTING 3 Tile Setting 3/Level 2 | /Y | VO | 1.0 | |
| I460103 | TILE SETTING Tile Setting | 30, 31 / | | | TEC CONSTR ù7 ùG TILE SET @7 G BLDG CONST ù7 ùG |
| I46010R | TILE SETTING - APPR Tile Setting - Apprenticeship | 30,31 / | | | TEC CONSTR ù7 ùG TILE SET @7 G BLDG CONST ù7 ùG |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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

| ARCHITECTURE & CONSTRUCTION CAREER PATH |
-----MAINTENANCE/OPERATIONS CAREER PATH (ACPC)

| | | | | | | |
|----------|--|--------------|----|-----|-----------------|---------------|
| I460303 | ELEC LINE SERV & REP Electric Line Service and Repair | 30,31 / | | | ELECTRICAL @7 G | TEC ELEC @7 G |
| □I46031R | Line Erector-APPR Line Erector - Apprenticeship | 30,31 /Y | | | ELECTRICAL @7 G | |
| I460499 | ROADWAY TECH Roadway Technician | 30,31 / | | | ROAD CONST G | |
| I46049R | ROADWAY TECH-APPR Roadway Technician- Apprenticeship | 30,31 / | | | ROAD CONST G | |
| 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 | | |
| I469939 | SWIMMING POOL MAINT Swimming Pool Maintenance | 30,31 / | | | POOL MAINT @7 G | |
| I46993R | SWIM POOL MAINT-APPR Swimming Pool Maintenance - Apprent iceship | 30,31 / | | | POOL MAINT @7 G | |

SUPPLEMENTAL PROGRAMS

| | | | | | | |
|---------|---|---------------|----|----------|----------------|--|
| 8700400 | INDUS COOP ED-OJT Industrial Cooperative Education- OJT | 9-12,30,31 /M | VO | MULTIPLE | ANY INDUS ED G | |
| I469999 | INDUS COOP ED-OJT Industrial Cooperative Education- OJT | 30,31 / | | | ANY INDUS ED G | |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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

|ARCHITECTURE & CONSTRUCTION CAREER PATH |

| | | | | | |
|---------|---|---------------|-------------|-----|------------|
| 8700100 | INDUS ED DIR STUDY Industrial Education Directed Study | 11-12,30,31/M | VO MULTIPLE | 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 | |

|ARTS, A/V TECHNOLOGY & COMMUNICATION CAREER PATH |

AUDIO/VIDEO TECHNOLOGY & FILM CAREER PATH (ARPA)

| | | | | | | |
|---------|--|---------------|----|--------------------|---------------|-----------------|
| 8772300 | DIG AUD PROD Digital Audio Production | 9-12,30,31 /Y | | TEC ELEC TEC ED | ù7 ùG @2 1 | TV PRO TEC @7 G |
| 8772310 | DIG AUD PROD 1 Digital Audio Production 1/Level 2 | /Y | VO | 1.0 | | |
| 8772320 | DIG AUD PROD 2 Digital Audio Production 2/Level 2 | /Y | VO | 1.0 | | |
| 8772330 | DIG AUD PROD 3 Digital Audio Production 3/Level 2 | /Y | VO | 1.0 | | |
| 8772340 | DIG AUD PROD 4 Digital Audio Production 4/Level 2 | /Y | VO | 1.0 | | |
| 8772350 | DIG AUD PROD 5 Digital Audio Production 5/Level 2 | /Y | VO | 1.0 | | |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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|--|--|-----------------------------|---|--------|--|
| ----- | | | | | |
| ARTS, A/V TECHNOLOGY & COMMUNICATION CAREER PATH | | | | | |
| ----- | | | | | |
| 88772360 | DIG AUD PROD 6 Digital Audio Production 6/Level 2 | /Y | VO | 1.0 | |
| 88772370 | DIG AUD PROD 7 Digital Audio Production 7/Level 2 | /Y | VO | 1.0 | |
| 81100230 | DIG AUD PROD Digital Audio Production | 30,31 | /Y | | TEC ELEC ù7 ùG TV PRO TEC @7 G |
| 88772400 | DIG VID PROD Digital Video Production | 9-12,30,31 | /Y | | TEC ED @2 TV PRO TEC @7 G TEC ELEC ù7 ùG |
| 88772410 | DIG VID PROD 1 Digital Video Production 1/Level 2 | /Y | VO | 1.0 | |
| 88772420 | DIG VID PROD 2 Digital Video Production 2/Level 2 | /Y | VO | 1.0 | |
| 88772430 | DIG VID PROD 3 Digital Video Production 3/Level 2 | /Y | VO | 1.0 | |
| 88772440 | DIG VID PROD 4 Digital Video Production 4/Level 2 | /Y | VO | 1.0 | |
| 88772450 | DIG VID PROD 5 Digital Video Production 5/Level 2 | /Y | VO | 1.0 | |
| 88772460 | DIG VID PROD 6 Digital Video Production 6/Level 2 | /Y | VO | 1.0 | |
| 88772470 | DIG VID PROD 7 Digital Video Production 7/Level 2 | /Y | VO | 1.0 | |
| 88772480 | DIG VID PROD 8 Digital Video Production 8/Level 2 | /Y | VO | 1.0 | |
| 88772490 | DIG VID PROD 9 Digital Video Production 9/Level 2 | /Y | VO | 1.0 | |

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| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|--|---|-----------------------------|---|--------|---|
| ----- | | | | | |
| ARTS, A/V TECHNOLOGY & COMMUNICATION CAREER PATH | | | | | |
| ----- | | | | | |
| 8772491 | DIG VID PROD 10 Digital Video Production 10/Level 2 | /Y | VO | 1.0 | |
| 1100240 | DIG VID PROD Digital Video Production | 30,31 | /Y | | TV PRO TEC @7 G TEC ELEC @7 G |
| 8772200 | FILM PDCT EQ OPERAT Film Production Equipment Operation | 9-12,30,31 / | | | TEC ED 1 @2 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 | |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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|--|---|-----------------------------|---|--------|---|
| ----- | | | | | |
| ARTS, A/V TECHNOLOGY & COMMUNICATION CAREER PATH | | | | | |
| ----- | | | | | |
| 8772280 | FILM PDCT EQ OP 8 Film Production Equipment Operation 8/Level 2 | /Y | VO | 1.0 | |
| 8772290 | FILM PDCT EQ OP 9 Film Production Equipment Operation 9/Level 2 | /Y | VO | 1.0 | |
| 8772291 | FILM PDCT EQ OP 10 Film Production Equipment Operation 10/Level 2 | /Y | VO | 1.0 | |
| 8772292 | FILM PDCT EQ OP 11 Film Production Equipment Operation 11/Level 2 | /Y | VO | 1.0 | |
| I100112 | FILM PDCT EQ OPERAT Film Production Equipment Operation | 30,31 / | | | TV PRO TEC @7 G TEC ELEC @7 G |
| JOURNALISM & BROADCASTING CAREER PATH (ARPB) | | | | | |
| ----- | | | | | |
| ^a 8771100 | ^a ACA OF JOURN Academy of Journalism | 9-12,30,31 / | | | CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| 8771110 | INDUS COMM Industrial Communications/Level 2 | /Y | VO | 1.0 | |
| 1006300 | JOURNALISM 1 Journalism 1/Level 2 | /Y | VO | 1.0 | |
| 8209510 | DIGITAL DESIGN 1 Digital Design 1/Level 2 | /Y | VO | 1.0 | |
| 8207110 | WEB DESIGN 1 Web Design 1/Level 2 | /Y | VO | 1.0 | |
| I100114 | RADIO BROADCASTING Radio Broadcasting | 30,31 / | | | TEC ELEC ù7 ùG TV PRO TEC @7 G |
| 8772100 | TV PRODUCTION Television Production | 9-12,30,31 / | | | TV PRO TEC @7 G TEC ELEC ù7 ùG TEC ED 1 @2 |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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|--|--|-----------------------------|---|--------|--|
| ----- | | | | | |
| ARTS, A/V TECHNOLOGY & COMMUNICATION CAREER PATH | | | | | |
| ----- | | | | | |
| 8772110 | TV PRODUCTION 1 Television Production 1/Level 2 | /Y | VO | 1.0 | |
| 8772120 | TV PRODUCTION 2 Television Production 2/Level 2 | /Y | VO | 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 | VO | 1.0 | |
| 8772160 | TV PRODUCTION 6 Television Production 6/Level 3 | /Y | VO | 1.0 | |
| 8772170 | TV PRODUCTION 7 Television Production 7/Level 3 | /Y | VO | 1.0 | |
| 8772180 | TV PRODUCTION 8 Television Production 8/Level 3 | /Y | VO | 1.0 | |
| 8772190 | TV PRODUCTION 9 Television Production 9/Level 3 | /Y | VO | 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 ù7 ùG TEC ED 1 TV PRO TEC @7 G |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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|------------------------------|--|-----------------------------|---|--------|---------------|
|------------------------------|--|-----------------------------|---|--------|---------------|

 |ARTS, A/V TECHNOLOGY & COMMUNICATION CAREER PATH |

 PRINTING TECHNOLOGY CAREER PATH (ARPD)

| | | | | | |
|---------|--|--------------|-------|-----|---------------|
| I480205 | DIGITAL PRINT TECH Digital Printing Technology | 30,31 / | | | PRINTING @7 G |
| 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 VO | 1.0 | |
| 8739020 | PRINT & GRAPHS COMM2 Printing and Graphic Communications 2/Level 2 | | /Y VO | 1.0 | |
| 8739030 | PRINT & GRAPHS COMM3 Printing and Graphic Communications 3/Level 2 | | /Y VO | 1.0 | |
| 8739040 | PRINT & GRAPHS COMM4 Printing and Graphic Communications 4/Level 3 | | /Y VO | 1.0 | |
| 8739050 | PRINT & GRAPHS COMM5 Printing and Graphic Communications 5/Level 3 | | /Y VO | 1.0 | |
| 8739060 | PRINT & GRAPHS COMM6 Printing and Graphic Communications 6/Level 3 | | /Y VO | 1.0 | |
| 8739070 | PRINT & GRAPHS COMM7 Printing and Graphic Communications 7/Level 3 | | /Y VO | 1.0 | |

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|--|--|-----------------------------|---|--------|---|
| ----- | | | | | |
| ARTS, A/V TECHNOLOGY & COMMUNICATION CAREER PATH | | | | | |
| ----- | | | | | |
| 8739080 | PRINT & GRAPHS COMM8 Printing and Graphic Communications 8/Level 3 | /Y | VO | 1.0 | |
| 8739090 | PRINT & GRAPHS COMM9 Printing and Graphic Communications 9/Level 3 | /Y | VO | 1.0 | |
| 8739091 | PRINT & GRAPHS COMM10 Printing and Graphic Communications 10/Level 3 | /Y | VO | 1.0 | |
| 8739092 | PRINT & GRAPHS COMM11 Printing and Graphic Communications 11/Level 3 | /Y | VO | 1.0 | |
| 8739093 | PRINT & GRAPHS COMM12 Printing and Graphic Communications 12/Level 3 | /Y | VO | 1.0 | |
| I480201 | PRINT&GRAPHIC COMM Printing and Graphic Communications | 30,31 / | | | PRINTING @7 G |
| TELECOMMUNICATIONS CAREER PATH (ARPE) | | | | | |
| ----- | | | | | |
| I470103 | COMM ELECTRONICS Communication Electronics | 30,31 / | | | TEC ELEC @7 G ELECTRONIC @7 G |
| 8730200 | TELECOM TECH Telecommunications Technology | 9-12,30,31 / | | | COMP SVC @7 G ELECTRONIC @7 G BUS MACH @7 G TELCOM G |
| 8730210 | TELECOM TECH 1 Telecommunications Technology 1/Level 2 | /Y | VO | 1.0 | |

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|--|---|-----------------------------|---|--------|--|
| ----- | | | | | |
| ARTS, A/V TECHNOLOGY & COMMUNICATION CAREER PATH | | | | | |
| ----- | | | | | |
| 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 |
| I47034R | TELECOM TECH - APPR Telecommunications Technology - Apprenticeship | 30,31 | / | | COMP SVC @7 G BUS MACH @7 G TELCOM G ELECTRONIC @7 G ELECTRICAL @7 G |
| I470305 | WIRELESS TELE Wireless Telecommunications | 30,31 | / | | TELCOM G |
| 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 | VO | 1.0 | |
| 8718020 | CMCL ART TECH 2 Commercial Art Technology 2/Level 2 | /Y | VO | 1.0 | |
| 8718030 | CMCL ART TECH 3 Commercial Art Technology 3/Level 2 | /Y | VO | 1.0 | |

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

|ARTS, A/V TECHNOLOGY & COMMUNICATION CAREER PATH |

| | | | | | |
|---------|--|--------------|----|-----|---------------|
| 8718040 | CMCL ART TECH 4 Commercial Art Technology 4/Level 2 | /Y | VO | 1.0 | |
| 8718050 | CMCL ART TECH 5 Commercial Art Technology 5/Level 2 | /Y | VO | 1.0 | |
| 8718060 | CMCL ART TECH 6 Commercial Art Technology 6/Level 2 | /Y | VO | 1.0 | |
| 8718070 | CMCL ART TECH 7 Commercial Art Technology 7/Level 2 | /Y | VO | 1.0 | |
| 8718080 | CMCL ART TECH 8 Commercial Art Technology 8/Level 2 | /Y | VO | 1.0 | |
| 8718090 | CMCL ART TECH 9 Commercial Art Technology 9/Level 2 | /Y | VO | 1.0 | |
| 8718091 | CMCL ART TECH 10 Commercial Art Technology 10/Level 2 | /Y | VO | 1.0 | |
| I480203 | COMMERCIAL ART TECH Commercial Art Technology | 30,31 / | | | COMM ART @7 G |
| 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 | VO | 1.0 | |
| 8772020 | CMCL PHOTO TECH 2 Commercial Photography Technology 2 /Level 2 | /Y | VO | 1.0 | |
| 8772030 | CMCL PHOTO TECH 3 Commercial Photography Technology 3 /Level 2 | /Y | VO | 1.0 | |

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| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|--|--|-----------------------------|---|--------|--|
| ----- | | | | | |
| ARTS, A/V TECHNOLOGY & COMMUNICATION CAREER PATH | | | | | |
| ----- | | | | | |
| 8772040 | CMCL PHOTO TECH 4 Commercial Photography Technology 4 /Level 2 | /Y | VO | 1.0 | |
| 8772050 | CMCL PHOTO TECH 5 Commercial Photography Technology 5 /Level 2 | /Y | VO | 1.0 | |
| 8772060 | CMCL PHOTO TECH 6 Commercial Photography Technology 6 /Level 2 | /Y | VO | 1.0 | |
| 8772070 | CMCL PHOTO TECH 7 Commercial Photography Technology 7 /Level 2 | /Y | VO | 1.0 | |
| 8772080 | CMCL PHOTO TECH 8 Commercial Photography Technology 8 /Level 2 | /Y | VO | 1.0 | |
| 8772090 | CMCL PHOTO TECH 9 Commercial Photography Technology 9 /Level 2 | /Y | VO | 1.0 | |
| 8772091 | CMCL PHOTO TECH 10 Commercial Photography Technology 1 0/Level 2 | /Y | VO | 1.0 | |
| 8772092 | CMCL PHOTO TECH 11 Commercial Photography Technology 1 1/Level 2 | /Y | VO | 1.0 | |
| I480204 | CMCL PHOTO TECH Commercial Photography Technology | 30,31 / | | | PHOTOG @7 G |
| 8209600 | DIGITAL DESIGN Digital Design | 9-12,30,31 / | | | SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |

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| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|--|---|-----------------------------|---|--------|--|
| ----- | | | | | |
| ARTS, A/V TECHNOLOGY & COMMUNICATION CAREER PATH | | | | | |
| ----- | | | | | |
| 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 | VO | 1.0 | |
| 8209510 | DIGITAL DESIGN 1 Digital Design 1/Level 2 | /Y | VO | 1.0 | |
| 8209520 | DIGITAL DESIGN 2 Digital Design 2/Level 2 | /Y | VO | 1.0 | |
| 8209530 | DIGITAL DESIGN 3 Digital Design 3/Level 2 | /Y | VO | 1.0 | |
| 8209540 | DIGITAL DESIGN 4 Digital Design 4/Level 2 | /Y | VO | 1.0 | |
| 8209550 | DIGITAL DESIGN 5 Digital Design 5/Level 2 | /Y | VO | 1.0 | |
| 8209560 | DIGITAL DESIGN 6 Digital Design 6/Level 2 | /Y | VO | 1.0 | |
| 8209570 | DIGITAL DESIGN 7 Digital Design 7/Level 2 | /Y | VO | 1.0 | |
| B070600 | DIGITAL DESIGN Digital Design | 30, 31 / | | | SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |

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| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|---|--|-----------------------------|---|--------|--|
| ----- ARTS, A/V TECHNOLOGY & COMMUNICATION CAREER PATH ----- | | | | | |
| 8506400 | FASH DESIGN SERS Fashion Design Services | 9-12,30,31 / | | | VOC HME EC @2 @4 HME EC OCC ¢7 HOME EC 1 @2 GEN HME EC @2 @4 APPRL MFG ¢7 APPRL MFG ¢7 @7 G GEN HME EC @4 HOMEMAKING @2 ¢7 FAM CON SC 1 TAILORING ¢7 TEC ED ¢7 T G W |
| 8506405 | DES SERS CORE Design Services Core/Level 2 | /Y | VO | 1.0 | |
| 8506410 | PRIN OF FASH DSN SER Principles of Fashion Design Services/Level 2 | /Y | | 1.0 | |
| 8506420 | PATTERN DSN TECNQS Pattern Design Techniques/Level 2 | /Y | | 1.0 | |
| 8506430 | FASH DSN SPEC Fashion Design Specialist/Level 3 | /Y | | 1.0 | |
| V200400 | FASH DESIGN SERS Fashion Design Services | 30,31 / | | | VOC HME EC @2 @4 FAM CON SC 1 TEC ED W T G HOMEMAKING ¢7 @2 @7 G APPRL MFG ¢7 HME EC OCC ¢7 APPRL MFG ¢7 @7 G HOME EC 1 @2 GEN HME EC @2 @4 HME EC OCC ¢7 @7 G TAILORING ¢7 @7 G HOMEMAKING ¢7 TEC ED ¢7 |
| 8521040 | INT DECOR FAB Interior Decor Fabrication | 9-12,30,31 / | | | HOMEMAKING ¢7 @2 GEN HME EC @4 HOME EC 1 @2 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 | |

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|--|--|-----------------------------|---|--------|--|
| ----- | | | | | |
| ARTS, A/V TECHNOLOGY & COMMUNICATION CAREER PATH | | | | | |
| ----- | | | | | |
| 8521043 | INTROD INT DECR FAB3 Introduction to Interior Decor Fabr ication 3/Level 2 | /Y | VO | 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 |
| V200600 | INT DECORATING SERS Interior Deocorating Services | 30,31 / | VO | | HOMEMAKING ç7 @2 @7 G HOME EC 1 @2 GEN HME EC @2 @4 HME EC OCC ç7 @7 G FAM CON SC 1 VOC HME EC @2 @4 INT DEC @7 G |
| 8506500 | INT DESIGN SERS Interior Design Services | 9-12,30,31 / | | | VOC HME EC @2 @4 GEN HME EC @4 HME EC OCC ç7 HOMEMAKING @2 ç7 HOME EC 1 @2 FAM CON SC 1 GEN HME EC @2 @4 TAILORING ç7 APPRL MFG ç7 TEC ED W T G APPRL MFG ç7 @7 G TEC ED ç7 |
| 8506405 | DES SERS CORE Design Services Core/Level 2 | /Y | VO | 1.0 | |
| 8506540 | PRIN OF INT DSN SERS Principles of Interior Design Servi ces/Level 2 | /Y | VO | 1.0 | |
| 8506550 | INT DSN TECNQS Interior Design Techniques/Level 2 | /Y | VO | 1.0 | |
| 8506560 | INT DSN SPEC Interior Design Specialist/Level 3 | /Y | VO | 1.0 | |

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| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|---|---|-----------------------------|--|--|---|
| ----- ARTS, A/V TECHNOLOGY & COMMUNICATION CAREER PATH ----- | | | | | |
| V200500 | INT DESIGN SERS Interior Design Services | 30,31 / | | VOC HME EC @2 @4 FAM CON SC 1 TEC ED W T G HOMEMAKING ¢7 @2 @7 G APPRL MFG ¢7 HME EC OCC ¢7 | HOME EC 1 @2 GEN HME EC @2 @4 HME EC OCC ¢7 @7 G TAILORING ¢7 @7 G HOMEMAKING ¢7 APPRL MFG ¢7 @7 G |
| ----- BUSINESS MANAGEMENT & ADMINISTRATIVE CAREER PATH ----- | | | | | |
| ----- MANAGEMENT CAREER PATH (BAPA) ----- | | | | | |
| 8215200 | BUSINESS SUPV & MGMT Business Supervision and Management | 9-12,30,31 / | | BUS ED 1 @4 @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 | VO | 1.0 | |

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|--|---|-----------------------------|---|--------|--|
| ----- | | | | | |
| BUSINESS MANAGEMENT & ADMINISTRATIVE CAREER PATH | | | | | |
| ----- | | | | | |
| 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 @4 @2 VOE @7 MANAG SUPV @7 G TEACH CBE @7 BOOKKEEPIN @4 @7 G |
| BUSINESS FINANCIAL MANAGEMENT CAREER PATH (BAPB) | | | | | |
| ----- | | | | | |
| 8203400 | ACCT OPS Accounting Operations | 9-12,30,31 / | | | BUS ED 1 @4 @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 | |

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|--|---|-----------------------------|---|--------|---|
| ----- | | | | | |
| BUSINESS MANAGEMENT & ADMINISTRATIVE CAREER PATH | | | | | |
| ----- | | | | | |
| 8207310 | INTROD TO INFO TECH Introduction to Information Technol ogy/Level 2 | /Y | VO | 1.0 | |
| 8203310 | ACCT APPL 1 Accounting Applications 1/Level 2 | /Y | VO | 1.0 | |
| 8203320 | ACCT APPL 2 Accounting Applications 2/Level 2 | /Y | VO | 1.0 | |
| 8203330 | ACCT APPL 3 Accounting Applications 3/Level 3 | /Y | VO | 1.0 | |
| 8203340 | ACCT APPL 4 Accounting Applications 4/Level 3 | /Y | VO | 1.0 | |
| 8203350 | ACCT APPL 5 Accounting Applications 5/Level 3 | /Y | VO | 1.0 | |
| B070110 | ACCT OPS Accounting Operations | 30, 31 / | | | BUS ED 1 @4 @2 TEACH CBE @7 ACCTING @7 G BOOKKEEPIN @4 VOE @7 BOOKKEEPIN @7 G |
| ----- | | | | | |
| BUSINESS ANALYSIS CAREER PATH (BAPD) | | | | | |
| ----- | | | | | |
| 8216100 | ACAD INTL BUSINESS Academy of International Business | 9-12,30,31 / | | | BUS ED 1 @4 @2 VOE @7 MANAG SUPV @7 G TEACH CBE @7 BOOKKEEPIN @4 BOOKKEEPIN @7 G |
| 8200320 | KEYBD & BUS SK & Keyboarding and Business Skills/Lev el 2 AND | /S | VO | 0.5 | |
| 8200330 | CPT & BUS SK OR Computer and Business Skills/Level 2 OR | /S | VO | 0.5 | |

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|--|---|-----------------------------|---|--------|--|
| ----- | | | | | |
| BUSINESS MANAGEMENT & ADMINISTRATIVE CAREER PATH | | | | | |
| ----- | | | | | |
| 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 | VO | 1.0 | |
| 8203310 | ACCT APPL 1 Accounting Applications 1/Level 2 | /Y | VO | 1.0 | |
| 8216110 | INTL BUS SYSS International Business Systems/Level 1 2 | /Y | VO | 1.0 | |
| 8216120 | INTL FIN & LAW International Finance and Law/Level 3 | /Y | VO | 1.0 | |
| 8216130 | BUSINESS INTERNSHIP Business Internship/Level 2 | /Y | VO | 1.0 | |
| B060901 | ACA OF INTL BUSINESS Academy of International Business | 30,31 / | | | BUS ED 1 @4 @2 VOE @7 BOOKKEEPIN @4 @7 G TEACH CBE @7 MANAG SUPV @7 G |
| ----- | | | | | |
| MARKETING & COMMUNICATIONS CAREER PATH (BAPE) | | | | | |
| ----- | | | | | |
| 8217100 | ACA OF PROMO ENT Academy of Promotional Enterprise | 9-12,30,31 /Y | | | BUS ED @4 1 @2 TEACH CBE @7 ELECT DP @7 G SECRETAR @7 G TEC ELEC \$7 G VOE @7 BUS DP @7 G CLERICAL @7 G STENOG @4 @7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |

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|--|--|-----------------------------|---|--------|---|
| ----- | | | | | |
| BUSINESS MANAGEMENT & ADMINISTRATIVE CAREER PATH | | | | | |
| ----- | | | | | |
| 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 | VO | 1.0 | |
| 8217110 | CUS PROMO LAYOUT DSN Custom Promotional Layout Design /Level 2 | /Y | VO | 1.0 | |
| 8217120 | PROMO DSN MGMT Promotional Design Management /Level 2 | /Y | VO | 1.0 | |
| 8217130 | CUS PROMO S&D MGMT Custom Promotinal Sales and Distribution Management/Level 2 | /Y | VO | 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 | |
| 8017100 | ACA OF PROMO ENT Academy of Promotional Enterprise | 30,31 | /Y | | BUS ED @4 1 @2 TEACH CBE @7 ELECT DP @7 G SECRETAR @7 G TEC ELEC \$7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE BUS ED @4 1 @2 ELECT DP @7 G VOE @7 BUS DP @7 G CLERICAL @7 G STENOG @4 @7 G |
| 8200300 | ELEC BUSINESS ENTERP Electronic Business Enterprise | 9-12 | / | | BUS ED @4 1 @2 ELECT DP @7 G |

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|---|---|-----------------------------|---|--------|---|
| ----- | | | | | |
| BUSINESS MANAGEMENT & ADMINISTRATIVE CAREER PATH | | | | | |
| ----- | | | | | |
| 8207310 | INTROD TO INFO TECH Introduction to Information Technol ogy/Level 2 | /Y | VO | 1.0 | |
| 8200340 | INTRO TO E-COMMERCE Introduction to E-Commerce/Level 2 | /Y | VO | 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 Des ign/Level 2 | /Y | VO | 1.0 | |
| B070100 | ELEC BUSINESS ENTERP Electronic Business Enterprise | 30,31 / | | | BUS ED @4 1 @2 ELECT DP @7 G BUS DP @7 |
| ADMINISTRATIVE & INFORMATION SUPPORT CAREER PATH (BAPF) | | | | | |
| ----- | | | | | |
| 8212500 | ADM AST Administrative Assistant | 9-12,30,31 / | | | BUS ED 1 @4 @2 VOE @7 CLERICAL @7 G MANAG SUPV @7 G TEACH CBE @7 STENOGR @4 SECRETAR @7 G |
| 8200320 | KEYBD & BUS SK & Keyboarding and Business Skills/Lev el 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/L evel 2 OR | /Y | VO | 1.0 | |

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| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|--|---|-----------------------------|---|--------|---|
| ----- | | | | | |
| BUSINESS MANAGEMENT & ADMINISTRATIVE CAREER PATH | | | | | |
| ----- | | | | | |
| 8207310 | INTROD TO INFO TECH Introduction to Information Technol ogy/Level 2 | /Y | VO | 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/Le vel 2 | /Y | VO | 1.0 | |
| 8209510 | DIGITAL DESIGN 1 Digital Design 1/Level 2 | /Y | VO | 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/Le vel 2 | /Y | VO | 1.0 | |
| B070330 | ADM ASSISTANT Administrative Assistant | 30, 31 / | | | BUS ED 1 @4 @2 VOE @7 CLERICAL @7 G MANAG SUPV @7 G BUS ED 1 @4 @2 VOE @7 STENOG @4 TEACH CBE @7 STENOG @4 SECRETAR @7 G |
| *8200200 | *COURT RPT Court Reporting | 9-12,30,31 / | | | BUS ED 1 @4 @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 | |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|--|---|-----------------------------|---|--------|--|
| ----- | | | | | |
| BUSINESS MANAGEMENT & ADMINISTRATIVE CAREER PATH | | | | | |
| ----- | | | | | |
| 8200240 | COURT RPT TECH 2 Court Reporting Technology 2/Level 2 | /Y | VO | 1.0 | |
| 8200250 | COURT RPT TECH 3 Court Reporting Technology 3/Level 2 | /Y | VO | 1.0 | |
| 8200260 | COURT RPT TECH 4 Court Reporting Technology 4/Level 2 | /Y | VO | 1.0 | |
| 8200270 | COURT RPT TECH 5 Court Reporting Technology 5/Level 2 | /Y | VO | 1.0 | |
| 8200280 | COURT RPT TECH 6 Court Reporting Technology 6/Level 2 | /Y | VO | 1.0 | |
| 8200290 | COURT RPT TECH 7 Court Reporting Technology 7/Level 2 | /Y | VO | 1.0 | |
| 8200291 | COURT RPT TECH 8 Court Reporting Technology 8/Level 2 | /Y | VO | 1.0 | |
| ^a B070602 | ^a COURT RPT Court Reporting | 30,31 / | | | BUS ED 1 @4 @2 VOE @7 STENOGR @4 SECRETAR @7 G |
| 8218100 | CUST ASST TECH Customer Assistance Technology | 9-12, 3031 / | | | BUS ED @4 1 @2 TEACH CBE @7 SECRETAR @7 G VOE @7 CLERICAL @7 G |
| 8200320 | KEYBD & BUS SK & Keyboarding and Business Skills/Lev el 2 AND | /S | VO | 0.5 | |

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|--|---|-----------------------------|---|--------|--|
| ----- | | | | | |
| BUSINESS MANAGEMENT & ADMINISTRATIVE CAREER PATH | | | | | |
| ----- | | | | | |
| 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/L evel 2 OR | /Y | VO | 1.0 | |
| 8207310 | INTROD TO INFO TECH Introduction to Information Technol ogy/Level 2 | /Y | VO | 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 @4 1 @2 TEACH CBE @7 SECRETAR @7 G VOE @7 CLERICAL @7 G |
| 8212000 | LEG ADMIN SPEC Legal Administrative Specialist | 9-12,30,31 / | | | BUS ED 1 @4 @2 TEACH CBE @7 VOE @7 SECRETAR @7 G CLERICAL @7 G |
| 8200320 | KEYBD & BUS SK & Keyboarding and Business Skills/Lev el 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/L evel 2 OR | /Y | VO | 1.0 | |

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|--|---|-----------------------------|---|--------|---|
| ----- | | | | | |
| BUSINESS MANAGEMENT & ADMINISTRATIVE CAREER PATH | | | | | |
| ----- | | | | | |
| 8207310 | INTROD TO INFO TECH Introduction to Information Technol ogy/Level 2 | /Y | VO | 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/Le vel 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 @4 @2 VOE @7 STENOGRAPHIC @4 TEACH CBE @7 SECRETAR @7 G |
| 8212300 | MED ADM SPEC Medical Administrative Specialist | 9-12,30,31 / | | | BUS ED 1 @4 @2 TEACH CBE @7 SECRETAR @7 VOE @7 STENOGRAPHIC @4 CLERICAL @7 G |
| 8200320 | KEYBD & BUS SK & Keyboarding and Business Skills/Lev el 2 AND | /S | VO | 0.5 | |
| 8200330 | CPT & BUS SK OR Computer and Business Skills/Level 2 OR | /S | VO | 0.5 | |

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|--|---|-----------------------------|---|--------|---|
| ----- | | | | | |
| BUSINESS MANAGEMENT & ADMINISTRATIVE CAREER PATH | | | | | |
| ----- | | | | | |
| 8209020 | CPT FOR COLG &CAR OR Computing for College and Careers/L evel 2 OR | /Y | VO | 1.0 | |
| 8207310 | INTROD TO INFO TECH Introduction to Information Technol ogy/Level 2 | /Y | VO | 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/Le vel 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 @4 @2 TEACH CBE @7 SECRETAR ¢7 BUS ED 1 @4 @2 VOE @7 STENOG @4 VOE @7 STENOG @4 SECRETAR @7 SECRETAR @7 G |
| 8207600 | VOICE WRIT Voice Writing | 9-12,30,31 / | | | |

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|------------------------------|--|-----------------------------|---|--------|---------------|
|------------------------------|--|-----------------------------|---|--------|---------------|

| ----- | | | | | |
|--|---|----|----|-----|--|
| BUSINESS MANAGEMENT & ADMINISTRATIVE CAREER PATH | | | | | |
| ----- | | | | | |
| 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 | VO | 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 | |

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|--|--|-----------------------------|---|----------|--|
| ----- | | | | | |
| BUSINESS MANAGEMENT & ADMINISTRATIVE CAREER PATH | | | | | |
| ----- | | | | | |
| 8207680 | VOICE WRITING 8 Voice Writing 8/Level 2 | /M | VO | 2.0 | |
| B070603 | VOICE WRITING Voice Writing | 30,31 / | | | BUS ED 1 @4 @2 VOE @7 STENOG @4 TEACH CBE @7 SECRETAR @7 G |
| SUPPLEMENTAL PROGRAMS | | | | | |
| ----- | | | | | |
| 8200420 | BUSINESS COOP MGMT Business Cooperative Education Orga nization and Management | 9-12,30,31 /M | VO | MULTIPLE | BUS ED 1 @4 @2 VOE @7 ANY BUSINESS ED/TC COOP ED E G TEACH CBE @7 |
| B079998 | BUSINESS COOP ORG Business Cooperative Education Orga nization and Management | 30,31 /M | VO | MULTIPLE | BUS ED 1 @4 @2 VOE @7 TEACH CBE @7 |
| 8200410 | BUSINESS COOP ED OJT Business Cooperative Education-OJT | 9-12,30,31 /M | VO | MULTIPLE | BUS ED 1 @4 @2 VOE @7 ANY BUSINESS ED/TC COOP ED E G TEACH CBE @7 |
| B079999 | BUSINESS COOP OJT Business Cooperative Education-OJT | 30,31 / | | | BUS ED 1 @4 @2 VOE @7 ANY BUSINESS ED/TC COOP ED E G TEACH CBE @7 |
| 8200100 | BUSINESS DIR STUDY Business Education Directed Study | 11-12,30,31/M | VO | MULTIPLE | 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 |
| 8200110 | BUSINESS KEYBD Business Keyboarding | 6-9,30,31 /S | VO | 0.5 | BUS ED 1 @4 @2 TEACH CBE @7 VOE @7 |
| 8200130 | BUS KEY & CAR PLAN Business Keyboarding and Career Pla nning | 6-9,30,31 /S | VO | 0.5 | BUS ED @4 @4 1 VOE @7 TEACH CBE @7 |

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|--|--|-----------------------------|--|--------|--|
| ----- | | | | | |
| BUSINESS MANAGEMENT & ADMINISTRATIVE CAREER PATH | | | | | |
| ----- | | | | | |
| 8200120 | BUSINESS LEAD SKLS Business Leadership Skills | 6-9,30,31 /S | VO | 0.5 | BUS ED 1 @4 @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 @4 @2 TEACH CBE @7 VOE @7 BUS DP @7 G STENOG @4 BOOKKEEPIN @4 @7 G ELECT DP @7 G TEC ELEC \$7 G CLERICAL @7 G SECRETAR @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 @4 @2 TEACH CBE @7 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 @4 @2 TEACH CBE @7 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 @4 @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 STENOG @4 SECRETAR @7 CLERICAL @7 COMPU SCI @6 |
| 8200212 | CPTR APPL BUSINESS 4 Computer Applications in Business 4 | 6-9,30,31 /S | VO | 0.5 | BUS ED 1 @4 @2 TEACH CBE @7 STENOG @4 SECRETAR @7 CLERICAL @7 COMPU SCI @6 |
| 8207010 | EMERG TECH BUSINESS Emerging Technology in Business/Level 2 | 9-12,30,31 /Y | VO | 1.0 | BUS ED 1 @4 @2 TEACH CBE @7 VOE @7 ACCTING @7 G TEC ELEC \$7 G BUS DP @7 G ELECT DP @7 G MANAG SUPV @7 G CLERICAL @7 G SECRETAR @7 G BOOKKEEPIN @7 G |
| 8200320 | KEYBD & BUSINESS SKL Keyboarding and Business Skills/Level 2 | 9-12,30,31 /S | VO | 0.5 | BUS ED 1 @4 @2 TEACH CBE @7 VOE @7 STENOG @4 CLERICAL @7 G SECRETAR @7 G |

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|------------------------------|--|-----------------------------|--|--------|---------------|
|------------------------------|--|-----------------------------|--|--------|---------------|

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

| | | | | | |
|---------|---|---------|--|--|-----------|
| P131023 | SIGN LANGUAGE COMM Sign Language Communication | 30,31 / | | | ANY FIELD |
|---------|---|---------|--|--|-----------|

ADMINISTRATION & ADMINISTRATIVE SUPPORT CAREER PATH (EDPB)

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

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|--------------------------------------|---|-----------------------------|---|--|--|
| ----- | | | | | |
| EDUCATION & TRAINING CAREER PATH | | | | | |
| ----- | | | | | |
| TEACHING/TRAINING CAREER PATH (EDPC) | | | | | |
| ----- | | | | | |
| V200206 | CHILD CARE CTR OPS Child Care Center Operations | 30,31 / | | VOC HME EC @4 @2 GEN HME EC @4 @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 |
| 8503210 | EARLY CHILD ED Early Childhood Education | 9-12,30,31 / | | VOC HME EC @4 @2 GEN HME EC @4 HOMEMAKING 7 @2 E CHILD ED @0 PK PRIMARY H | HOME EC 1 @2 PRIMARY ED @B PRESCH ED A HME EC OCC 7 FAM CON SC 1 |
| 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 | VO | 1.0 | |
| 8503213 | EARLY CHILD ED 3 Early Childhood Education 3/Level 2 | /Y | VO | 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 @4 @2 E CHILD ED @0 HOME EC 1 @2 FAM CON SC 1 |
| V20021R | EARLY CHILD ED-APPR Early Childhood Education - Apprenticeship | 30,31 / | | VOC HME EC @4 @2 PRIMARY ED @B PRESCH ED A PK PRIMARY H CH CARE TR 7 G | GEN HME EC @4 @2 E CHILD ED @0 HOME EC 1 @2 FAM CON SC 1 |

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|--|--|-----------------------------|---|--------|--|
| ----- EDUCATION & TRAINING CAREER PATH ----- | | | | | |
| 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 @4 @2 PRIMARY ED @B PRESCH ED A PK PRIMARY H FAM CON SC 1 |
| 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 @4 @2 E CHILD ED @0 HOME EC 1 @2 FAM CON SC 1 |
| 8500150 | S FAM CH CARE TRAIN Secondary Family Child Care Trainin g/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 GEN HME EC @4 @2 PRIMARY ED @B PRESCH ED A PK PRIMARY H FAM CON SC 1 |
| 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 @4 @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 | |
| 8500185 | S SCH AGE CER TRAIN4 Secondary School Age Certification Training 4/Level 2 | /Y | VO | 1.0 | |

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|--|---|-----------------------------|--|----------|---|
| ----- | | | | | |
| FINANCE CAREER PATH | | | | | |
| ----- | | | | | |
| FINANCIAL & INVESTMENT PLANNING CAREER PATH (FNPA) | | | | | |
| ----- | | | | | |
| 8815100 | ACAD OF FINANCE Academy of Finance | 9-12,30,31 / | | | TEACH CDE @7 BUS ED 1 @4 BANK FINC @7 G DIST ED @7 MKTG 1 MKTG MGMT @7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| 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 | MULTIPLE | |
| 8800410 | MARKETING COOP-OJT Marketing Cooperative Education-OJT /Level 2 | /M | VO | MULTIPLE | |
| 8815120 | PERS FIN PLAN Personal Financial Planning/Level 3 | /Y | VO | 1.0 | |
| M804011 | ACAD OF FINANCE Academy of Finance | 30,31 / | | | TEACH CDE @7 BUS ED 1 @4 BANK FINC @7 G DIST ED @7 MKTG 1 MKTG MGMT @7 G |
| ----- | | | | | |
| BANKING & RELATED SERVICES CAREER PATH (FNPC) | | | | | |
| ----- | | | | | |
| M807050 | MORTGAGE BROKER Mortgage Broker | 30,31 / | | | MORG @7 G |
| M804990 | TELLER OPERATIONS Teller Operations | 30,31 / | | | BANK FINC @7 G DIST ED @7 TEACH CDE @7 BUS ED 1 @4 MKTG 1 |

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|---|--|-----------------------------|--|--------|---|
| ----- | | | | | |
| FINANCE CAREER PATH | | | | | |
| ----- | | | | | |
| 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 @4 DIST ED @7 MKTG 1 |
| INSURANCE SERVICES CAREER PATH (FNPD) | | | | | |
| ----- | | | | | |
| M810011 | HEALTH INS MARKET Health Insurance Marketing | 30,31 / | | | INSURANCE @7 G |
| M810015 | INS CLAIMS ADJUSTER Insurance Claims Adjuster | 30,31 /Y | VO | | SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| M810013 | INS CUSTOMER REPR Insurance Customer Representative | 30, 31 / | | | INSURANCE @7 G |
| M810016 | INS CUST SERV REP Insurance Customer Service Represen tative | 30,31 /Y | VO | | SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| M810014 | INS GEN LINES AGENT Insurance General Lines Agent | 30, 31 / | | | INSURANCE @7 G |
| M810012 | LIFE INS MARKETING Life Insurance Marketing | 30, 31 / | | | INSURANCE @7 G |
| M810020 | PERS LINES INS(20-44 Personal Lines Insurance (20-44) | 30,31 / | | | INSURANCE @7 G |
| ----- | | | | | |
| GOVERNMENT & PUBLIC ADMINISTRATION CAREER PATH | | | | | |
| ----- | | | | | |
| PUBLIC MANAGEMENT & ADMINISTRATION CAREER PATH (GVPG) | | | | | |
| ----- | | | | | |
| 8900310 | PRIN OF PUB SERV Principles of Public Service/Level 2 | 9-12,30,31 /Y | | 1.0 | ANY PUB SERV OCC ED G |

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|--|--|-----------------------------|---|--------|---|
| ----- | | | | | |
| GOVERNMENT & PUBLIC ADMINISTRATION CAREER PATH | | | | | |
| ----- | | | | | |
| P440401 | PUBLIC ADMIN SUPV Public Administration Supervision | 30,31 / | | | PUB SERV @7 G PUB ADM @7 G |
| SUPPLEMENTAL PROGRAMS | | | | | |
| ----- | | | | | |
| 8900210 | EX OF PS OCCS Exploration of Public Service Occup ations | 6-9,30,31 /S | VO | 0.5 | ANY PUB SERV OCC ED G TEC CHEM @7 G TEC CONSTR @7 G |
| ----- | | | | | |

| HEALTH SCIENCE CAREER PATH |

THERAPEUTIC SERVICES CAREER PATH (HLP)

| | | | | | |
|--|---|--------------|----|-----|---|
| ----- | | | | | |
| HEALTH SCIENCE CAREER PATH | | | | | |
| ----- | | | | | |
| THERAPEUTIC SERVICES CAREER PATH (HLP) | | | | | |
| ----- | | | | | |
| 8417130 | ALLIED HEALTH ASSIT Allied Health Assisting | 10-12,30,31/ | | | CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| 8417100 | HEALTH SCIENCE 1 Health Science 1/Level 2 | /Y | VO | 1.0 | |
| 8417110 | HEALTH SCIENCE 2 Health Science 2/Level 2 | /Y | VO | 1.0 | |
| 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 CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |

SECTION 5

CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|------------------------------|--|-----------------------------|---|--------|---|
| ----- | | | | | |
| HEALTH SCIENCE CAREER PATH | | | | | |
| ----- | | | | | |
| 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 DENTAL TEC \$7 \$G NURSING ED DENTAL HYG |
| H170100 | DEN ASST TECH&MGTATD Dental Assisting Technology and Man agement - ATD | 30,31 | / | | DENTL ASST @7 G DENTAL TEC \$7 \$G NURSING ED DENTAL HYG |
| H170102 | DEN ASSIST NON-ACCD Dental Assisting, Non-Accredited | 30,31 | / | | DENTL ASST @7 G DENTAL TEC \$7 \$G NURSING ED DENTAL HYG |
| 8417150 | DEN LAB ASST Dental Laboratory Assisting | 10-12,30,31/ | VO | | CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| 8417100 | HEALTH SCIENCE 1 Health Science 1/Level 2 | /Y | VO | 1.0 | |
| 8417110 | HEALTH SCIENCE 2 Health Science 2/Level 2 | /Y | VO | 1.0 | |
| 8417151 | DEN LAB ASSIST 3 Dental Laboratory Assisting 3/Level 2 | /Y | VO | 1.0 | |
| 8417152 | DEN LAB ASSIST 4 Dental Laboratory Assisting 4/Level 2 | /Y | VO | 1.0 | |
| H170103 | DENTAL LAB TECH Dental Laboratory Technology | 30,31 | / | | DEN LABTEC @7 G DENTAL TEC \$7 \$G |
| 8417160 | EKG AIDE Electrocardiograph Aide | 10-12,30,31/ | | | CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|------------------------------|--|-----------------------------|---|--------|---|
| ----- | | | | | |
| HEALTH SCIENCE CAREER PATH | | | | | |
| ----- | | | | | |
| 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 |
| W170208 | EMT (Basic)-ATD Emergency Medical Technician(Basic) -ATD | 30,31 / | | | |
| 8417170 | FIRST RES First Responder | 10-12,30,31/ | | | CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| 8417100 | HEALTH SCIENCE 1 Health Science 1/Level 2 | /Y | VO | 1.0 | |
| 8417110 | HEALTH SCIENCE 2 Health Science 2/Level 2 | /Y | VO | 1.0 | |
| 8417171 | 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 CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| 8417100 | HEALTH SCIENCE 1 Health Science 1/Level 2 | /Y | VO | 1.0 | |
| 8417110 | HEALTH SCIENCE 2 Health Science 2/Level 2 | /Y | VO | 1.0 | |

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|------------------------------|--|-----------------------------|---|--------|---|
| ----- | | | | | |
| HEALTH SCIENCE CAREER PATH | | | | | |
| ----- | | | | | |
| 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 REG NURSE G HEMO TEC G NURSING ED |
| H170604 | HME HLTH AIDE (PS) Home Health Aide (Postsecondary) | 30,31 / | | | PRAC NURSE @7 G REG NURSE G NURSING ED |
| 8417190 | HME HEALTH AIDE (S) Home Health Aide (Secondary) | 10-12,30,31/ | | | CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| 8417100 | HEALTH SCIENCE 1 Health Science 1/Level 2 | /Y | VO | 1.0 | |
| 8417110 | HEALTH SCIENCE 2 Health Science 2/Level 2 | /Y | VO | 1.0 | |
| 8417191 | HME HLTH AIDE 3 Home Health Aide 3/Level 2 | /S | VO | 0.5 | |
| H120405 | MASSAGE THERAPY Massage Therapy | 30,31 / | | | MASSEUR @7 G MASSAGE TH G |
| H170503 | MEDICAL ASSISTING Medical Assisting | 30,31 / | | | SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| 8417200 | MED LAB ASSIST Medical Laboratory Assisting (Secondary) | 10-12,30,31/ | VO | | CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| 8417100 | HEALTH SCIENCE 1 Health Science 1/Level 2 | /Y | VO | 1.0 | |
| 8417110 | HEALTH SCIENCE 2 Health Science 2/Level 2 | /Y | VO | 1.0 | |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|------------------------------|--|-----------------------------|---|--------|---|
| ----- | | | | | |
| HEALTH SCIENCE CAREER PATH | | | | | |
| ----- | | | | | |
| 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 CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| 8417100 | HEALTH SCIENCE 1 Health Science 1/Level 2 | /Y | VO | 1.0 | |
| 8417110 | HEALTH SCIENCE 2 Health Science 2/Level 2 | /Y | VO | 1.0 | |
| 8417211 | NURSE ASSIST 3 Nursing Assistant 3/Level 3 | /Y | VO | 1.0 | |
| H170690 | NURSING ASST (ART.) Nursing Assistant (Articulated) | 30,31 / | | | PRAC NURSE @7 G NURSING ED REG NURSE G |
| H170602 | NURSING ASSISTANT Nursing Assistant (Long Term Care) | 30,31 / | | | PRAC NURSE @7 G NURSING ED REG NURSE G |
| H170704 | OPTOMETRIC ASSIST Optometric Assisting | 30,31 / | | | TEC OPTICS @7 G OPTOM ASST @7 G |
| W170206 | PARAMEDIC Paramedic | 30,31 / | | | PRAC NURSE @7 EMR MED TE @7 PARAMEDIC @7 |
| H170692 | PATIENT CARE ASST. Patient Care Assistant | 30,31 / | | | PRAC NURSE @7 G NURSING ED REG NURSE G |
| H170694 | PATIENT CARE TECH Patient Care Technician | 30, 31 / | | | SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| H170507 | PHARMACY TECHNICIAN Pharmacy Technician | 30,31 / | | | PHARMACY @7 G |
| H170606 | PHARMACY TECH--ATD Pharmacy Technician--ATD | 30,31 / | | | |

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| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|------------------------------|--|-----------------------------|---|--------|---|
| ----- | | | | | |
| HEALTH SCIENCE CAREER PATH | | | | | |
| ----- | | | | | |
| 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 | |
| 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 |
| H181106 | PSYCHIATRIC TECH Psychiatric Technology | 30,31 / | | | REG NURSE @7 G MENT HEAL @7 G |
| H170211 | SURGICAL TECHNOLOGY Surgical Technology | 30,31 / | | | NURSING ED PRAC NURSE @7 G REG NURSE G |
| 8417230 | VISION CARE ASSIST Vision Care Assisting | 10-12,30,31/ | | | CERTIFICATION BY COURSE SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |

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| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|--|--|-----------------------------|---|--------|---|
| ----- | | | | | |
| HEALTH SCIENCE CAREER PATH | | | | | |
| ----- | | | | | |
| 8417100 | HEALTH SCIENCE 1 Health Science 1/Level 2 | /Y | VO | 1.0 | |
| 8417110 | HEALTH SCIENCE 2 Health Science 2/Level 2 | /Y | VO | 1.0 | |
| 8417231 | VISION CARE ASSIST 3 Vision Care Assisting 3/Level 3 | /Y | VO | 1.0 | |
| 8417232 | VISION CARE ASSIST 4 Vision Care Assisting 4/Level 3 | /Y | VO | 1.0 | |
| ----- | | | | | |
| DIAGNOSTIC SERVICES CAREER PATH (HLPB) | | | | | |
| ----- | | | | | |
| H170209 | BASIC X-RAY MACHI Basic X-Ray Machine Operator | 30,31 | / | | TEC X RAY @7 G |
| H170208 | EKG TECH Electrocardiograph Technology | 30,31 | / | | LAB TECH @7 G LAB ASST @7 G REG NURSE G RESP THER @7 G NURSING ED |
| H170204 | ELECTRONEURODIAG Electroneurodiagnostic Technology | 30,31 | / | | ENCEPHALGH @7 G |
| H170308 | MED CLIN LAB TEC-ATD Medical Clinical Laboratory Technician-ATD | 30,31 | / | | |
| H170306 | MED LAB ASSIST Medical Laboratory Assisting (Postsecondary) | 30,31 | / | | TEC MED !7 G LAB TECH @7 G LAB ASST @7 G |
| H170307 | MED LAB (CERT) Medical Laboratory Technology (Certificate) | 30,31 | / | | TEC MED !7 G LAB TECH @7 G LAB ASST @7 G |

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|---------------------------------------|--|-----------------------------|--|---|--|
| ----- | | | | | |
| HEALTH SCIENCE CAREER PATH | | | | | |
| ----- | | | | | |
| H170302 | PHLEBOTOMY Phlebotomy | 30,31 / | | TEC MED !7 G MED ASST @7 G PRAC NURSE @7 G LAB TECH @7 G | LAB ASST @7 G PARAMEDIC @7 G REG NURSE G |
| W170209 | RADIO TEC Radiological Technician | 30,31 / | | TEC X RAY @7 G | |
| HEALTH INFORMATICS CAREER PATH (HLPC) | | | | | |
| ----- | | | | | |
| H180708 | HEALTH CARE SERS-ATD Health Care Services-ATD | 30,31 / | | | |
| H170513 | HEALTH UNIT COOR PS Health Unit Coordinator (Postsecond ary) | 30,31 / | | TEC MED @7 G REG NURSE G NURSING ED | PRAC NURSE @7 G MED RECTEC @7 G |
| H170526 | MED CODER/BILLER Medical Coder/Billor | 30,31 / | | CER COD SP G MED RECTEC @7 G | MED ASST @7 G MED TRANS @7 G |
| H170528 | MED CODER/BILLER-ATD Medical Coder/Billor-ATD | 30,31 / | | | |
| H170506 | MED RECORD TRANSCRI Medical Record Transcribing | 30,31 / | | MED ASST @7 G MED TRANS @7 G | MED RECTEC @7 G |
| H170508 | MED RCD TRANSCRI-ATD Medical Record Transcribing-ATD | 30,31 / | | | |
| 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 |

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| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|---|---|-----------------------------|---|--------|--|
| ----- HEALTH SCIENCE CAREER PATH ----- | | | | | |
| V200434 | DIET MGMT & SUPV Dietetic Management and Supervision | 30,31 / | HOMEMAKING ç7 @7 @2 G SC FOOD SV @6 D HME EC OCC ç7 @7 G VOC HME EC @4 @2 | | QUAN FOOD @7 G ç7 GEN HME EC @4 @2 HOME EC @2 FAM CON SC 1 |
| ^a H170599 | ^a HOSP HOUSEKEEP SUPV Hospital Housekeeping Supervision | 30,31 / | PRAC NURSE @7 G REG NURSE G | | TEC MED !7 G NURSING ED |
| V200404 | NUTRIT & DIET SERS Nutrition and Dietetic Services | 30,31 / | HOMEMAKING ç7 @7 @2 G GEN HME EC @4 @2 HME EC OCC ç7 @7 G VOC HME EC @4 @2 | | QUAN FOOD @7 G ç7 SC FOOD SV @6 D HOME EC 1 @2 FAM CON SC 1 |
| 8530000 | NUTRIT & DIET SERS Nutrition and Dietetic Services/Level 2 | 9-12,30,31 /Y | VO | 1.0 | HOMEMAKING ç7 @2 HME EC OCC ç7 GEN HME EC @4 QUAN FOOD ç7 FAM CON SC 1 |
| ----- BIOTECHNOLOGY RESEARCH & DEVELOPMENT CAREER PATH (HLPE) ----- | | | | | |
| 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 |
| ----- GENERAL HEALTH SCIENCE PROGRAMS ----- | | | | | |
| ^a 8400310 | EXPL HLTH OCCS Exploration Of Health Occupations | 6-8,30,31 /S | VO | 0.5 | VOC HME EC ù4 ANY HEALTH OCCUP G HOME EC ù1 ù2 |
| 8400210 | EXPL HLTH OCCS & C P Exploration Of Health Occupations and Career Planning | 6-8,30,31 /S | VO | 0.5 | VOC HME EC ù4 ANY HEALTH OCCUP G HOME EC ù1 ù2 |
| 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 |

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|---|--|-----------------------------|---|---|-----------------------------|
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| HEALTH SCIENCE CAREER PATH | | | | | |
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| 8400410 | HSE COOP - OJT Health Science Education Cooperativ e - OJT | 10-12,30,31/M | VO MULTIPLE | ANY HEALTH OCCUP G | |
| H179999 | HSE COOP - OJT Health Science Education Cooperativ e - OJT | 30,31 / | | ANY HEALTH OCCUP G | |
| 8400100 | HSE DIR STUDY Health Science Education Directed S tudy | 10-12,30,31/M | VO MULTIPLE | ANY HEALTH OCCUP G | |
| 8400320 | MEDICAL SKLS SERS Medical Skills and Services | 9-12,30,31 /Y | VO | 1.0 ANY HEALTH OCCUP G | |
| 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 |
| ----- | | | | | |
| HOSPITALITY & TOURISM CAREER PATH | | | | | |
| ----- | | | | | |
| RESTAURANTS AND FOOD & BEVERAGE SERVICES CAREER PATH (HTPA) | | | | | |
| ----- | | | | | |
| I20041R | CMCL FOODS - APPR Commercial Foods - Apprenticeship | 30,31 / | | COMM COOK @7 G | QUAN FOOD @7 G |
| 8763000 | CMCL FDS & CUL ARTS Commercial Foods and Culinary Arts | 9-12,30,31 / | | VOC HME EC @4 QUAN FOOD @7 G FAM CON SC 1 | HOME EC 1 COMM COOK @7 G |

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|-----------------------------------|---|-----------------------------|---|--------|------------------------------------|
| ----- | | | | | |
| HOSPITALITY & TOURISM CAREER PATH | | | | | |
| ----- | | | | | |
| 8763010 | CMCL FDS & CUL ART 1 Commercial Foods & Culinary Arts 1/ Level 2 | /Y | VO | 1.0 | |
| 8763020 | CMCL FDS & CUL ART 2 Commercial Foods & Culinary Arts 2/ Level 2 | /Y | VO | 1.0 | |
| 8763030 | CMCL FDS & CUL ART 3 Commercial Foods & Culinary Arts 3/ Level 2 | /Y | VO | 1.0 | |
| 8763040 | CMCL FDS & CUL ART 4 Commercial Foods & Culinary Arts 4/ Level 2 | /Y | VO | 1.0 | |
| 8763050 | CMCL FDS & CUL ART 5 Commercial Foods & Culinary Arts 5/ Level 2 | /Y | VO | 1.0 | |
| 8763060 | CMCL FDS & CUL ART 6 Commercial Foods & Culinary Arts 6/ Level 2 | /Y | VO | 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 | |
| I200403 | CMCL FDS & CUL ARTS Commercial Foods and Culinary Arts | 30,31 | / | | COMM COOK @7 G QUAN FOOD @7 G |

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|-----------------------------------|--|-----------------------------|---|--|---|
| ----- | | | | | |
| HOSPITALITY & TOURISM CAREER PATH | | | | | |
| ----- | | | | | |
| I20040R | CMCL FD& CU ART-APPR Commercial Foods and Culinary Arts - Apprenticeship | 30,31 / | | COMM COOK @7 G | QUAN FOOD @7 G |
| 8515100 | CULINARY OPS Culinary Operations | 9-12,30,31 / | | VOC HME EC @4 FAM CON SC 1 HOMEMAKING ¢7 @2 SC FOOD SV @6 G CULINARY 7 G | HOME EC 1 @2 GEN HME EC @4 QUAN FOOD ¢7 @7 G HME EC OCC ¢7 |
| 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 | VO | 1.0 | |
| 8515111 | CUL OPS 5 Culinary Operations 5/Level 3 | /Y | VO | 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 | |
| 8515114 | CUL OPS 8 Culinary Operations 8/Level 3 | /Y | VO | 1.0 | |

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|--|--|------------------------------|-------------|---|--------|--|
| ----- | | | | | | |
| HOSPITALITY & TOURISM CAREER PATH | | | | | | |
| ----- | | | | | | |
| 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 @4 @2 HOMEMAKING ¢7 @7 G @2 QUAN FOOD ¢7 @7 G FAM CON SC 1 |
| V20040R | CUL OPS - APPR Culinary Operations - Apprenticeship | 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 @4 @2 HOMEMAKING ¢7 @7 G @2 QUAN FOOD ¢7 @7 G FAM CON SC 1 |
| ----- | | | | | | |
| 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 @4 @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 @4 @2 HOME EC 1 @2 G FAM CON SC 1 | | VOC HME EC @4 @2 HME EC OCC ¢7 @7 G CUSTODIAL @7 G BLDG MAINT @7 G |
| 8830300 | LODGING OPS Lodging Operations | 9-12,30,31 | / | HOTEL TRNG @7 G TEACH CDE @7 MKTG 1 VOC HME EC @4 | | DIST ED @7 MKTG MGMT @7 G HOME EC 1 FAM CON SC 1 |
| SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE | | | | | | |

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|-------------------------------------|--|-----------------------------|---|----------|--|
| ----- | | | | | |
| HOSPITALITY & TOURISM CAREER PATH | | | | | |
| ----- | | | | | |
| 8850110 | INTRO TO HOS TOUR Introduction to Hospitality and Tourism/Level 2 | /Y | VO | 1.0 | |
| 8830320 | LODG PRIN Lodging Principles/Level 2 | /Y | VO | 1.0 | |
| 8845130 | HOS & TOUR INTERN Hospitality and Tourism Internship/Level 2 OR: | /Y | VO | 1.0 | |
| 8800410 | MARKETING COOP-OJT Marketing Cooperative Education-OJT/Level 2 | /M | VO | MULTIPLE | |
| 8830330 | LODG APPL Lodging Applications/Level 2 | /Y | VO | 1.0 | |
| M607010 | LODGING OPS Lodging Operations | 30,31 / | | | SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| ----- | | | | | |
| TRAVEL & TOURISM CAREER PATH (HTPC) | | | | | |
| ----- | | | | | |
| 8845100 | ACA HOS TOUR Academy of Hospitality and Tourism | 9-12,30,31 / | | | DIST ED @7 TEACH CDE @7 TRANSPORT @7 G MKTG MGMT @7 G MKTG 1 BUS ED 1 @4 HOTEL TRNG @7 G SEE CURRICULUM 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 | |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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|-----------------------------------|--|-----------------------------|---|----------|---|
| ----- | | | | | |
| HOSPITALITY & TOURISM CAREER PATH | | | | | |
| ----- | | | | | |
| 8845130 | HOS & TOUR INTERN Hospitality and Tourism Internship/ Level 2 OR: | /Y | VO | 1.0 | |
| 8800410 | MARKETING COOP-OJT Marketing Cooperative Education-OJT /Level 2 | /M | VO | MULTIPLE | |
| 8845120 | TRA & TOUR MKT MGMT Travel and Tourism Marketing Manage ment/Level 3 | /Y | VO | 1.0 | |
| M811040 | ACA HOS & TOURISM Academy of Hospitality and Tourism | 30,31 | / | | DIST ED @7 TEACH CDE @7 TRANSPORT @7 G MKTG MGMT @7 G MKTG 1 MKTG MGMT @7 G |
| M811053 | TRA & TOUR IND OPS Travel and Tourism Industry Operati ons | 30, 31 | / | | TEACH CDE @7 G HOTEL TRNG @7 G TRANSPORT @7 G MKTG MGMT @7 G MKTG 1 |
| M811058 | TRA & TOUR MGMT-ATD Travel and Tourism Management-ATD | 30,31 | / | | SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| 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 | |
| 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 |

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|--|--|-----------------------------|--|--------|---|
| ----- | | | | | |
| HUMAN SERVICES CAREER PATH | | | | | |
| ----- | | | | | |
| FAMILY & COMMUNITY SERVICES CAREER PATH (HMPC) | | | | | |
| ----- | | | | | |
| 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 @4 @2 PRAC NURSE @7 G TEC ED 1 @2 AGRICULTUR 1 @2 NURSING ED @5 HOME EC 1 @2 AGRI @4 @2 FAM CON SC 1 GEN HME EC @4 VOC AGRI @4 INDUS ARTS @4 @6 REG NURSE G |
| 8500310 | CHILD DEV Child Development/Level 2 | 9-12,30,31 /S | VO | 0.5 | E CHILD ED @0 VOC HME EC @4 HOME EC 1 @2 PK PRIMARY H GEN HME EC @4 PRESCH ED A PRIMARY ED @B FAM CON SC 1 |
| 8500380 | FABR CONSTRUCTION Fabric Construction/Level 2 | 9-12,30,31 /S | VO | 0.5 | VOC HME EC @4 FAM CON SC 1 GEN HME EC @4 |
| 8500345 | FAMILY DYNAMICS Family Dynamics/Level 2 | 9-12,30,31 /S | VO | 0.5 | VOC HME EC @4 FAM CON SC 1 HOME EC 1 @2 GEN HME EC @4 |
| 8500365 | FAMILY HME CONS TECH Family, Home and Consumer Technolog y/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 |
| 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 |
| C200101 | HOME & FAMILY MGMT Home and Family Management | 30,31 / | | | VOC HME EC @4 HME EC OCC ¢7 @7 G HOME EC 1 @2 GEN HME EC @4 @2 FAM CON SC 1 HOMEMAKING ¢7 @7 @2 G |
| 8502000 | LIF MGMT SKL Life Management Skills/Level 2 | 9-12,30,31 /S | LM | 0.5 | VOC HME EC @4 FAM CON SC 1 REG NURSE G GEN HME EC @4 PRAC NURSE @7 G HOME EC 1 @2 |
| 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 |

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|---|---|-----------------------------|---|--------|---|
| ----- | | | | | |
| HUMAN SERVICES CAREER PATH | | | | | |
| ----- | | | | | |
| C200111 | PARENTING Parenting | 30,31 / | | | VOC HME EC @4 @2 HOME EC 1 @2 GEN HME EC @4 @2 FAM CON SC 1 |
| 8500300 | PARENT SKLS Parenting Skills/Level 2 | 9-12,30,31 /S | VO | 0.5 | E CHILD ED @0 GEN HME EC @4 VOC HME EC @4 PRESCH ED A FAM CON SC 1 PRIMARY ED @B PK PRIMARY H HOME EC 1 @2 |
| 8500120 | PERS & FAM FIN Personal and Family Finance/Level 2 | 9-12,30,31 /S | VO | 0.5 | VOC HME EC @4 GEN 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 GEN HME EC @4 FAM CON SC 1 HOME EC 1 @2 |
| ----- | | | | | |
| 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 | |

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|------------------------------|--|-----------------------------|---|--------|-------------------------------|
| ----- | | | | | |
| HUMAN SERVICES CAREER PATH | | | | | |
| ----- | | | | | |
| 8757160 | BARBERING 6 Barbering 6/Level 2 | /Y | VO | 1.0 | |
| 8757170 | BARBERING 7 Barbering 7/Level 2 | /Y | VO | 1.0 | |
| 8757180 | BARBERING 8 Barbering 8/Level 2 | /Y | VO | 1.0 | |
| I120402 | BARBERING Barbering | 30,31 / | | | BARBERING @7 G PERS SERV @7 G |
| 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 | VO | 1.0 | |
| 8757250 | COSMETOLOGY 5 Cosmetology 5/Level 2 | /Y | VO | 1.0 | |
| 8757260 | COSMETOLOGY 6 Cosmetology 6/Level 2 | /Y | VO | 1.0 | |
| 8757270 | COSMETOLOGY 7 Cosmetology 7/Level 2 | /Y | VO | 1.0 | |

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|------------------------------|--|-----------------------------|---|--------|-------------------------------|
| ----- | | | | | |
| HUMAN SERVICES CAREER PATH | | | | | |
| ----- | | | | | |
| 8757280 | COSMETOLOGY 8 Cosmetology 8/Level 2 | /Y | VO | 1.0 | |
| 8757290 | COSMETOLOGY 9 Cosmetology 9/Level 2 | /Y | VO | 1.0 | |
| I120404 | COSMETOLOGY Cosmetology | 30,31 / | | | COSMETOL @7 G PERS SERV @7 G |
| 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 |
| 8757400 | FACIALS SPEC Facials Specialty | 9-12,30,31 / | VO | | COSMETOL @7 G FACIAL TEC @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 | |

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|--------------------------------------|--|-----------------------------|---|--------|--|
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| HUMAN SERVICES CAREER PATH | | | | | |
| ----- | | | | | |
| 8757420 | FACIALS SPECT 3 Facials Specialty 3/Level 2 | | /Y VO | 1.0 | |
| I120424 | FACIALS SPECIALTY Facials Specialty | 30,31 | / | | COSMETOL @7 G PERS SERV @7 G NAIL TEC @7 G |
| V200602 | LIFE CARE SERS Life Care Services | 30,31 | / | | HOMEMAKING 7 @7 G @2 VOC HME EC @4 @2 GEN HME EC @4 @2 HME EC OCC 7 @7 G HOME EC 1 @2 FAM CON SC 1 |
| 8757300 | NAILS SPEC Nails Specialty | 9-12,30,31 | / | | COSMETOL @7 G PERS SERV @7 G NAIL TEC @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 | |
| 8757320 | NAILS SPECT 3 Nails Specialty 3/Level 2 | | /Y VO | 1.0 | |
| I120414 | NAILS SPECIALTY Nails Specialty | 30,31 | / | | COSMETOL @7 G PERS SERV @7 G NAIL TEC @7 G |
| CONSUMER SERVICES CAREER PATH (HMPE) | | | | | |
| ----- | | | | | |
| H170205 | FAM HLTH SPT WKR-ATD Family Health Support Worker-ATD | 30,31 | / | | |
| H170408 | UNIT TRTMT REHAB-ATD Unit Treatment and Rehabilitation-A TD | 30,31 | / | | |

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|------------------------------|--|-----------------------------|---|--|--|
| ----- | | | | | |
| HUMAN SERVICES CAREER PATH | | | | | |
| ----- | | | | | |
| SUPPLEMENTAL PROGRAMS | | | | | |
| ----- | | | | | |
| 8500140 | CAR DISC Career Discovery | 6-8,30,31 /M | VO MULTIPLE | VOC HME EC @4 HOME EC 1 @2 | GEN HME EC @4 FAM CON SC 1 |
| 8500100 | FAM&CONS SCI DIR ST Family and Consumer Sciences Direct ed Study | 9-12,30,31 /M | VO MULTIPLE | GEN HME EC @4 @2 VOC HME EC @4 ANY HOME ECONOMICS ED G PRESCH ED A E CHILD ED 2 SC FOOD SV @6 FAM CON SC 1 NA | HOME EC 1 @2 PK PRIMARY H PRIMARY ED @B QUAN FOOD @7 G |
| 8599990 | FAM & CONS SCI TRAN Family and Consumer Sciences Transf er | 9-12,30,31 / | | NA | |
| V000000 | FAM & CONS SCI TRAN Family and Consumer Sciences Transf er | 30,31 / | | NA | |
| 8500410 | FAM & CONS SCI - OJT Family and Consumer Sciences-OJT | 9-12,30,31 /M | VO MULTIPLE | HOMEMAKING  7 @2 ANY HOME EC/TC COOP ED E G PK PRIMARY H FAM CON SC 1 GEN HME EC @2 @4 PRIMARY ED @B E CHILD ED @0 | HOME EC 1 @2 QUAN FOOD @7 G  7 VOC HME EC @4 PRESCH ED A SC FOOD SV @6 HME EC OCC  7 |
| V209999 | FAM & CONS SCI - OJT Family and Consumer Sciences-OJT | 30,31 / | | GEN HME EC @4 @2 HOME EC 1 @2 PRESCH ED A PRIMARY ED @B SC FOOD SV @6 HOMEMAKING  7 G @7 @2 | HME EC OCC  7 @7 G PK PRIMARY H E CHILD ED @0 QUAN FOOD @7 G  7 FAM CON SC 1 VOC HME EC @4 @2 |
| *8500330 | *LIFE CHOICES Life Choices | 6-8,30,31 /S | VO | 0.5 VOC HME EC @4 HOME EC 1 @2 | GEN HME EC @4 FAM CON SC 1 |
| *8500130 | *LIFE CHOICES & CAR P Life Choices and Career Planning | 6-8,30,31 /S | VO | 0.5 VOC HME EC @4 HOME EC 1 @2 | GEN HME EC @4 FAM CON SC 1 |

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|------------------------------|--|-----------------------------|---|--------|--|
| ----- | | | | | |
| HUMAN SERVICES CAREER PATH | | | | | |
| ----- | | | | | |
| 8500230 | PERSONAL DEV Personal Development | 6-8,30,31 /S | VO | 0.5 | VOC HME EC @4 HOME EC 1 @2 GEN HME EC @4 FAM CON SC 1 |
| 8500430 | PERSONAL DEV & CAR P Personal Development and Career Pla nning | 6-8,30,31 /S | VO | 0.5 | VOC HME EC @4 HOME EC 1 @2 GEN HME EC @4 FAM CON SC 1 |
| E92010R | PRE-APPR - APPR Pre-Apprenticeship - Apprenticeship | 30,31 /Y | | | ANY VOCATIONAL FIELD OR COVERAGE |
| ^a 8500240 | ^a TEEN CHALLENGES Teen Challenges | 6-8,30,31 /S | VO | 0.5 | VOC HME EC @4 HOME EC 1 @2 GEN HME EC @4 FAM CON SC 1 |

| INFORMATION TECHNOLOGY (IT) CAREER PATH |

NETWORK SYSTEMS CAREER PATH (ITPA)

| | | | | | |
|---------|--|--------------|----|----|--|
| 8208000 | NETWK SPT SERS Network Support Services | 9-12,30,31 / | | | SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| 8200320 | KEYBD & BUS SK & Keyboarding and Business Skills/Lev el 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/L evel 2 OR | | /Y | VO | 1.0 |

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|---|---|-----------------------------|---|--------|--|
| ----- | | | | | |
| INFORMATION TECHNOLOGY (IT) CAREER PATH | | | | | |
| ----- | | | | | |
| 8207310 | INTROD TO INFO TECH Introduction to Information Technol ogy/Level 2 | /Y | VO | 1.0 | |
| 8207020 | NETWORKING 1 Networking 1/Level 2 | /Y | VO | 1.0 | |
| 8207030 | NETWORKING 2 INFRAST Networking 2 Infrastructure/Level 2 | /Y | VO | 1.0 | |
| 8207040 | NETWORKING 3 INFRAST Networking 3 Infracstructure/Level 3 | /Y | VO | 1.0 | |
| 8207050 | NETWORKING 4 INFRAST 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 CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| B079300 | NETWK SYSS ADMIN Network Systems Administration | 30, 31 / | VO | | SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| 8207440 | NETWK SYSS ADMIN Newtwork Systems Administration | 9-12,30,31 / | VO | | SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| 8200320 | KEYBD & BUS SK & Keyboarding and Business Skills/Lev el 2 AND | /S | VO | 0.5 | |
| 8200330 | CPT & BUS SK OR Computer and Business Skills/Level 2 OR | /S | VO | 0.5 | |

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|---|---|-----------------------------|---|--------|--|
| ----- | | | | | |
| INFORMATION TECHNOLOGY (IT) CAREER PATH | | | | | |
| ----- | | | | | |
| 8209020 | CPT FOR COLG &CAR OR Computing for College and Careers/L evel 2 OR | /Y | VO | 1.0 | |
| 8207310 | INTROD TO INFO TECH Introduction to Information Technol ogy/Level 2 | /Y | VO | 1.0 | |
| 8207020 | NETWORKING 1 Networking 1/Level 2 | /Y | VO | 1.0 | |
| 8207441 | NETWORKING 2 ADMIN Networking 2 Administration/Level 2 | /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 | |
| 8207340 | PC SPT SERS PC Support Services | 9-12,30,31 / | | | SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| 8200320 | KEYBD & BUS SK & Keyboarding and Business Skills/Lev el 2 AND | /S | VO | 0.5 | |
| 8200330 | CPT & BUS SK OR Computer and Business Skills/Level 2 OR | /S | VO | 0.5 | |

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|---|---|-----------------------------|---|--------|--|
| ----- | | | | | |
| INFORMATION TECHNOLOGY (IT) CAREER PATH | | | | | |
| ----- | | | | | |
| 8209020 | CPT FOR COLG &CAR OR Computing for College and Careers/L evel 2 OR | | /Y VO | 1.0 | |
| 8207310 | INTROD TO INFO TECH Introduction to Information Technol ogy/Level 2 | | /Y VO | 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 CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| INFORMATION SUPPORT & SERVICES CAREER PATH (ITPB) | | | | | |
| ----- | | | | | |
| 8206400 | ACA DATAB PGM ESSEN Academy of Database and Programming Essentials | 11-12 | / | | CERT TEACH W APPROP INDUST CERT AS IN CURR FRAMEWO SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| 8206410 | DATAB FUND Database Fundamentals/Level 2 | | /S VO | 0.5 | |

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|---|---|-----------------------------|---|--------|--|
| ----- | | | | | |
| INFORMATION TECHNOLOGY (IT) CAREER PATH | | | | | |
| ----- | | | | | |
| 8206420 | DATA CONTROL & FUNC Data Control and Functions/Level 2 | /S | VO | 0.5 | |
| 8206430 | SPELZD DATAB PRGM Specialized Database Programming/Le vel 3 | /S | VO | 1.0 | |
| 8206440 | ^a DATAB WEB PRGM [@] SPELZD DATAB APPS ^a Database Web Programming/ Level 3 [@] Specialized Database Applications | /S | VO | 1.0 | |
| 8207300 | ACAD OF INFO TECH Academy of Information Technology | 9-12 | / | | SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| 8207310 | INTROD TO INFO TECH Introduction to Information Technol ogy/Level 2 | /Y | VO | 1.0 | |
| 8207320 | AOIT-PGM/DATAB Academy of Information Technology- Programming/Database/Level 3 | /Y | VO | 1.0 | |
| 8203051 | AOIT-TECH SPT/NW Academy of Information Technology- Technical Support/Networking/Level3 | /Y | VO | 1.0 | |
| 8207350 | AOIT-INTERN Academy of Information Technology- Internship/Level 2 | /Y | VO | 1.0 | |
| 8207360 | AOIT-WEB/DIG MEDI Academy of Information Technology- Web/Digital Media/Level 3 | /Y | VO | 1.0 | |

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|---|--|-----------------------------|---|----------------|-----------------|
| ----- | | | | | |
| INFORMATION TECHNOLOGY (IT) CAREER PATH | | | | | |
| ----- | | | | | |
| INTERACTIVE MEDIA CAREER PATH (ITPC) | | | | | |
| ----- | | | | | |
| ▣8208400 | GAME,SIM&ANI ADV APP Game, Simulation & Animation Advanc ed Applications | 9-12,30,31 /Y | | BUS ED @4 1 @2 | COMPU SCI @6 @2 |
| ▣B082400 | GAME,SIM&ANI ADV APP Game, Simulation & Animation Advanc ed Applications | 30,31 /Y | | BUS ED @4 1 @2 | COMPU SCI @6 @2 |
| ▣8208200 | GAME,SIM&ANI AUD/VID Game, Simulation & Animation Audio/ Video Effects | 9-12,30,31 /Y | | BUS ED @4 1 @2 | COMPU SCI @6 @2 |
| ▣8208110 | GAME & SIM FOUND Game and Simulation Foundations /Level 2 | /Y | VO | 1.0 | |
| ▣8208120 | GAME & SIM DSN Game and Simulation Design /Level 2 | /Y | VO | 1.0 | |
| ▣8208230 | GAME,SIM AUD&SND EFF Game, Simulation Audio and Sound Ef fects/Level 2 | /Y | VO | 1.0 | |
| ▣8208240 | GAME,SIM VID&SPEC EF Game/Simulation Video and Special E ffects/Level 2 | /Y | VO | 1.0 | |
| ▣B082200 | GAME,SIM&ANI AUD/VID Game, Simulation & Animation Audio/ Video Effects | 30,31 /Y | | BUS ED @4 1 @2 | COMPU SCI @6 @2 |
| ▣8208300 | GAME,SIM & ANI PGM Game, Simulation & Animation Progra mming | 9-12,30,31 /Y | | BUS ED @4 1 @2 | COMPU SCI @6 @2 |

SECTION 5

CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|---|---|-----------------------------|---|--------|--------------------------------|
| ----- | | | | | |
| INFORMATION TECHNOLOGY (IT) CAREER PATH | | | | | |
| ----- | | | | | |
| ▣8208110 | GAME & SIM FOUND Game and Simulation Foundations /Level 2 | /Y | VO | 1.0 | |
| ▣8208120 | GAME & SIM DSN Game and Simulation Design /Level 2 | /Y | VO | 1.0 | |
| ▣8208330 | GAME/SIM PRGM Game/Simulation Programming/Level 2 | /Y | VO | 1.0 | |
| ▣8208340 | MULTI-USER GAME/SIM Multi-User Game/Simulation Programm ing/Level 2 | /Y | VO | 1.0 | |
| ▣B082300 | GAME,SIM & ANI PGM Game, Simulation & Animation Progra mming | 30,31 | /Y | | BUS ED @4 1 @2 COMPU SCI @6 @2 |
| ▣8208100 | GAME,SIM&ANI VIS DSN Game, Simulation & Animation Visual Design | 9-12,30,31 | /Y | | BUS ED @4 1 @2 COMPU SCI @6 @2 |
| ▣8208110 | GAME & SIM FOUND Game and Simulation Foundations /Level 2 | /Y | VO | 1.0 | |
| ▣8208120 | GAME & SIM DSN Game and Simulation Design /Level 2 | /Y | VO | 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 @4 1 @2 COMPU SCI @6 @2 |

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|---|---|-----------------------------|---|--------|--|
| ----- | | | | | |
| INFORMATION TECHNOLOGY (IT) CAREER PATH | | | | | |
| ----- | | | | | |
| 8212400 | MULTIMED DESIGN TECH Multimedia Design Technology | 9-12,30,31 / | | | BUS ED 1 @4 @2 CLERICAL @7 G TEACH CBE @7 ELECT DP @7 G COMPU SCI @6 COMM ART @7 G 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 VO | 1.0 | |
| 8212430 | MULTIMED FOUND 1 Multimedia Foundations 1/Level 2 | | /Y VO | 1.0 | |
| 8207110 | WEB DESIGN 1 Web Design 1/Level 2 | | /Y VO | 1.0 | |
| 8212440 | MULTIMED FOUND 2 Multimedia Foundations 2/Level 2 | | /Y VO | 1.0 | |
| 8212450 | MULTIMED FOUND 3 Multimedia Foundations 3/Level 2 | | /Y VO | 1.0 | |
| B070200 | MULTIMED DESIGN TECH Multimedia Design Technology | 30,31 / | | | BUS ED 1 @4 @2 CLERICAL @7 G TEACH CBE @7 ELECT DP @7 G COMPU SCI @6 COMM ART @7 G VOE @7 BUS DP @7 G SECRETAR @7 G TEC ELEC @7 G STENOG @4 TV PRO TEC @7 G |

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|---|--|-----------------------------|--|--------|--|
| ----- | | | | | |
| INFORMATION TECHNOLOGY (IT) CAREER PATH | | | | | |
| ----- | | | | | |
| 8207400 | NEW MEDIA TECH New Media Technology | 9-12,30,31 / | | | BUS ED 1 @4 @2 CLERICAL @7 G TEACH CBE @7 ELECT DP @7 G TEC ELEC \$7 G COMM ART @7 G METAL WORK G VOE @7 BUS DP @7 G SECRETAR @7 G STENOG @4 @7 G COMPU SCI @6 TV PRO TEC @7 TEC ED 1 |
| 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 | VO | 1.0 | |
| 8207410 | NEW MEDI DIG IM FUND New Media and Digital Imaging Fundamentals/Level 2 | /Y | VO | 1.0 | |
| 8207420 | DIG VID SOUND FUND Digital Video and Sound Fundamentals/Level 2 | /Y | VO | 1.0 | |
| 8207110 | WEB DESIGN 1 Web Design 1/Level 2 | /Y | VO | 1.0 | |

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|---|---|-----------------------------|--|--------|--|
| ----- | | | | | |
| INFORMATION TECHNOLOGY (IT) CAREER PATH | | | | | |
| ----- | | | | | |
| B077400 | NEW MEDIA TECH New Media Technology | 30,31 / | | | BUS ED 1 @4 @2 CLERICAL @7 G TEACH CBE @7 ELECT DP @7 G TEC ELEC \$7 G COMM ART @7 G METAL WORK G VOE @7 BUS DP @7 G SECRETAR @7 G STENOG @4 @7 G COMPU SCI @6 TV PRO TEC @7 TEC ED 1 |
| 8207500 | WEB DESIGN Web Design | 9-12,30,31 / | | | SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| 8200320 | KEYBD & BUS SK & Keyboarding and Business Skills/Level 2 AND | | /S VO | 0.5 | |
| 8200330 | CPT & BUS SK OR Computer and Business Skills/Level 2 OR | | /S VO | 0.5 | |
| 8209020 | CPT FOR COLG & CAR 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 VO | 1.0 | |
| 8207110 | WEB DESIGN 1 Web Design 1/Level 2 | | /Y VO | 1.0 | |
| 8207120 | WEB DESIGN 2 Web Design 2/Level 2 | | /Y VO | 1.0 | |
| 8207130 | WEB DESIGN 3 Web Design 3/Level 2 | | /Y VO | 1.0 | |
| 8207140 | WEB DESIGN 4 Web Design 4/Level 2 | | /Y VO | 1.0 | |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|---|--|-----------------------------|---|--------|--|
| ----- | | | | | |
| INFORMATION TECHNOLOGY (IT) CAREER PATH | | | | | |
| ----- | | | | | |
| 8207150 | WEB DESIGN 5 Web Design 5/Level 2 | /Y | VO | 1.0 | |
| 8207160 | WEB DESIGN 6 Web Design 6/Level 2 | /Y | VO | 1.0 | |
| B070500 | WEB DESIGN Web Design | 30, 31 | / | | SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| B079200 | WEB PGM SERS Web Programming Services | 30, 31 | / | | SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| 8718100 | 3-D ANIMATION TECH 3-D Animation Technology | 9-12,30,31 | / | | COMM ART @7 G BUS ED @4 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 | VO | 1.0 | |
| 8718120 | 3-D ANIMATION TECH 2 3-D Animation Technology 2/Level 2 | /Y | VO | 1.0 | |
| 8718130 | 3-D ANIMATION TECH 3 3-D Animation Technology 3/Level 2 | /Y | VO | 1.0 | |
| 8718140 | 3-D ANIMATION TECH 4 3-D Animation Technology 4/Level 2 | /Y | VO | 1.0 | |
| 8718150 | 3-D ANIMATION TECH 5 3-D Animation Technology 5/Level 2 | /Y | VO | 1.0 | |
| 8718160 | 3-D ANIMATION TECH 6 3-D Animation Technology 6/Level 2 | /Y | VO | 1.0 | |
| 8718170 | 3-D ANIMATION TECH 7 3-D Animation Technology 7/Level 2 | /Y | VO | 1.0 | |
| I480200 | 3-D ANIMATION TECH 3-D Animation Technology | 30,31 | / | | COMM ART @7 G BUS ED @4 1 @2 COMPU SCI @6 @2 TV PRO TEC @7 G TEC ELEC \$7 G |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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

 | INFORMATION TECHNOLOGY (IT) CAREER PATH |

 PROGRAMMING & SOFTWARE DEVELOPMENT CAREER PATH (ITPD)

| | | | | | |
|---------|---|--------------|-------|-----|--|
| 8206500 | BUSINESS CPTR PGM Business Computer Programming | 9-12,30,31 / | | | SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| 8200320 | KEYBD & BUS SK & Keyboarding and Business Skills/Level 2 AND | | /S VO | 0.5 | |
| 8200330 | CPT & BUS SK OR Computer and Business Skills/Level 2 OR | | /S VO | 0.5 | |
| 8209020 | CPT FOR COLG & CAR 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 VO | 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 | |

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| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|--|---|-----------------------------|--|--------------------------------|---------------|
| ----- | | | | | |
| INFORMATION TECHNOLOGY (IT) CAREER PATH | | | | | |
| ----- | | | | | |
| 8206050 | BUS CPT PGM 5 Business Computer Programming 5/Lev el 3 | /Y | VO | 1.0 | |
| 8206060 | BUS CPT PGM 6 Business Computer Programming 6/Lev el 3 | /Y | VO | 1.0 | |
| 8206070 | BUS CPT PGM 7 Business Computer Programming 7/Lev el 3 | /Y | VO | 1.0 | |
| B070320 | BUSINESS CPTR PGM Business Computer Programming | 30, 31 | / | | |
| ----- | | | | | |
| LAW, PUBLIC SAFETY & SERVICE CAREER PATH | | | | | |
| ----- | | | | | |
| 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 |
| P430102 | CORR OFFICER Correctional Officer | 30,31 | / | CORR OFF @7 G PUB SERV @7 G | LAW ENF @7 G |
| P430122 | CORR PRO OFR Correctional Probation Officer | 30,31 | / | LAW ENF @7 G PUB SERV @7 G | CORR OFF @7 G |
| P430132 | CROSSOVER CO TO CPO Crossover Correctional Officer to C orrectional Probation Officer | 30,31 | / | LAW ENF @7 G CORR OFF @7 G | PUB SERV @7 G |
| P430125 | CROSSOVER CO TO LEO Crossover Correctional Officer to L aw Enforcement Officer | 30,31 | / | LAW ENF @7 G CORR OFF @7 G | PUB SERV @7 G |

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|---|---|-----------------------------|---|--------|---------------|
| ----- | | | | | |
| LAW, PUBLIC SAFETY & SERVICE CAREER PATH | | | | | |
| ----- | | | | | |
| 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 |
| 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 |
| EMERGENCY & FIRE MANAGEMENT SERVICES CAREER PATH (LWPB) | | | | | |
| ----- | | | | | |
| P430203 | FIRE APPARATUS OPER Fire Apparatus Operator | 30,31 / | FIRE FIGHT @7 G | | |
| 8918100 | FIRE FIGHTER II Fire Fighter II | 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 | |
| P430205 | FIRE FIGHTER II Fire Fighter II | 30,31 / | FIRE FIGHT @7 G | | PUB SERV @7 G |
| P43020R | FIRE FIGHT - APPR Fire Fighter II - Apprenticeship | 30,31 / | FIRE FIGHT @7 G | | PUB SERV @7 G |
| P430204 | FIRE INSPECTOR I Fire Inspector I | 30,31 / | FIRE FIGHT @7 G | | |
| P430207 | FIRE INSTRUCTOR Fire Instructor | 30,31 / | FIRE FIGHT @7 G | | |
| P430202 | FIRE INVESTIGATOR I Fire Investigator I | 30,31 / | FIRE FIGHT @7 G | | |

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|---|---|-----------------------------|--|--------|---|
| ----- | | | | | |
| LAW, PUBLIC SAFETY & SERVICE CAREER PATH | | | | | |
| ----- | | | | | |
| P430206 | FIRE OFFICER I Fire Officer I | 30,31 / | | | FIRE FIGHT @7 G |
| P439991 | POL SERV AIDE Police Service Aide | 30,31 / | | | LAW ENF @7 G PUB SERV @7 G |
| 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 |
| P430201 | SPEC FIRESAFETY INSP Special Firesafety Inspector | 30,31 / | | | FIRE FIGHT @7 G |
| SECURITY & PROTECTIVE SERVICES CAREER PATH (LWPC) | | | | | |
| ----- | | | | | |
| □P430208 | PRIV INVEST INTERN Private Investigator Intern | 30,31 / | | | ANY ACADEMIC OR VOCATIONAL FIELD |
| P430109 | PRIVATE SECURITY OFR Private Security Officer | 30,31 / | | | LAW ENF @7 G PUB SERV @7 G |
| P430110 | SEA SEC OFR Seaport Security Officer | 30,31 / | | | LAW ENF @7 G PUB SERV @7 G |
| 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 |
| 8918000 | CRIMINAL JUST OPS Criminal Justice Operations | 9-12,30,31 / | | | CORR OFF @7 G LAW ENF @7 G PUB SERV @7 G |
| □8900310 | PRIN OF PUB SERV Principles of Public Service/Level 2 | /Y | VO | 1.0 | |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION | |
|--|---|-----------------------------|---|--------|---------------------------------------|---------------|
| ----- | | | | | | |
| LAW, PUBLIC SAFETY & SERVICE CAREER PATH | | | | | | |
| ----- | | | | | | |
| 8918010 | CRIMINAL JUST OPS 1 Criminal Justice Operations 1/Level 2 | /Y | VO | 1.0 | | |
| 8918020 | CRIMINAL JUST OPS 2 Criminal Justice Operations 2/Level 2 | /Y | VO | 1.0 | | |
| 8918030 | CRIMINAL JUST OPS 3 Criminal Justice Operations 3/Level 3 | /Y | VO | 1.0 | | |
| P430199 | CRIMINAL JUST OPS Criminal Justice Operations | 30,31 | / | | CORR OFF @7 G | LAW ENF @7 G |
| P430142 | CROSSOVER CPO TO CO Crossover Correctional Probation Of ficer to Correctional Officer | 30,31 | / | | PUB SERV @7 G CORR OFF @7 G | PUB SERV @7 G |
| P430107 | CROSSOVER CPO TO LEO Crossover Correctional Probation Of ficer to Law Enforcement Officer | 30,31 | / | | LAW ENF @7 G CORR OFF @7 G | PUB SERV @7 G |
| P430105 | LAW ENFORCEMENT OFR Law Enforcement Officer | 30,31 | / | | LAW ENF @7 G CORR OFF @7 G | PUB SERV @7 G |
| LEGAL SERVICES CAREER PATH (LWPE) | | | | | | |
| ----- | | | | | | |
| P430135 | BAIL BOND AGENT Bail Bond Agent | 30,31 | / | | LAW ENF @7 G | |
| 8900220 | EX OF CJ OCCS Exploration of Criminal Justice Occ upations | 6-9,30,31 | /S VO | 0 4 | LAW ENF @7 G ANY PUB SERV OCC ED G | CORR OFF @7 G |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|--|--|-----------------------------|---|----------|---------------------------------------|
| ----- | | | | | |
| LAW, PUBLIC SAFETY & SERVICE CAREER PATH | | | | | |
| ----- | | | | | |
| GENERAL PROGRAMS | | | | | |
| ----- | | | | | |
| 8900222 | EXP OF CJ OCCS & CP Exploration of Criminal Justice Occupations and Career Planning | 6-9,30,31 /S | VO | 0 4 | LAW ENF @7 G ANY PUB SERV OCC ED G |
| 8900410 | PUB SERV COOP ED-OJT Public Service Cooperative Education - OJT | 9-12,30,31 /M | VO | MULTIPLE | 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 | MULTIPLE | 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 |

|MANUFACTURING CAREER PATH |

MANUFACTURING PRODUCTION PROCESS CAREER PATH (MNPA)

| | | | | | |
|---------|---|---------|--|--|---------------|
| I480202 | CMCL SGN DESIGN&FAB Commercial Sign Design and Fabrication | 30,31 / | | | COMM ART @7 G |
| I48020R | CMCL SGN DSNFAB-APPR Commercial Sign Design and Fabrication - Apprenticeship | 30,31 / | | | COMM ART @7 G |

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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 |
|---|--|-----------------------------|--|--------|--|
| ----- MANUFACTURING CAREER PATH ----- | | | | | |
| I150404 | ELEC & INST TECH Electrical and Instrumentation Technology | 30,31 / | | | TEC ELEC @7 G ELECTRONIC @7 G |
| I150403 | ELECTROMECH TECH Electromechanical Technology | 30,31 / | | | TEC MECH @7 G ELECTRONIC @7 G TEC ELEC @7 G |
| 8743000 | ENGR ASSIST Engineering Assisting | 9-12,30,31 / | | | TEC CONSTR ù7 ùG BLDG CONST ù7 ùG MILLWRIGHT @7 G IND ENGR @7 G TEC EN AID ù7 ùG ENG 7 G SEE CURRICULUM FRAMEWORK F @ G MACH SHOP @7 G WELDING @7 G ELECTRONIC @7 G TEC ED 1 @2 |
| 8743010 | ENGR ASSIST 1 Engineering Assisting 1/Level 2 | | /Y VO | 1.0 | |
| 8743020 | ENGR ASSIST 2 Engineering Assisting 2/Level 2 | | /Y VO | 1.0 | |
| 8743030 | ENGR ASSIST 3 Engineering Assisting 3/Level 2 | | /Y VO | 1.0 | |
| 8743040 | ENGR ASSIST 4 Engineering Assisting 4/Level 2 | | /Y VO | 1.0 | |
| 8743050 | ENGR ASSIST 5 Engineering Assisting 5/Level 2 | | /Y VO | 1.0 | |
| 8743060 | ENGR ASSIST 6 Engineering Assisting 6/Level 2 | | /Y VO | 1.0 | |
| I159999 | ENGN RELATED TECH Engineering Related Technology | 30,31 / | | | ANY TECHNICAL ED G ANY INDUS ED G |
| ^a I062001 | ^a IND FORE & SUPV Industrial Foremanship and Supervision | 30,31 / | | | SUPVR TRG @7 G HUMAN REL @7 G IND ENGR @7 G |
| I150603 | INDUS TECH Industrial Technology | 30,31 / | | | IND ENGR @7 G |
| I150499 | MICRO ELECTS MAN PRO Micro Electronics Manufacturing Processing | 30,31 / | | | ELECTRONIC @7 G TEC ELEC @7 G |

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| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|-------------------------------|--|-----------------------------|---|--------|---|
| ----- | | | | | |
| MANUFACTURING CAREER PATH | | | | | |
| ----- | | | | | |
| I150606 | OPTICAL TECHNOLOGY Optical Technology | 30,31 / | | | TEC MECH ù7 ùG TEC OPTICS @7 G TEC CHEM ù7 ùG |
| ----- | | | | | |
| PRODUCTION CAREER PATH (MNPB) | | | | | |
| ----- | | | | | |
| 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 | |

SECTION 5

CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|------------------------------|--|-----------------------------|---|--------|---|
| ----- | | | | | |
| MANUFACTURING CAREER PATH | | | | | |
| ----- | | | | | |
| 8721080 | BOATBLD WO & FAB 8 Boatbuilding-Wood and Fabricated 8/ Level 2 | /Y | VO | 1.0 | |
| 8721090 | BOATBLD WO & FAB 9 Boatbuilding-Wood and Fabricated 9/ Level 2 | /Y | VO | 1.0 | |
| I480799 | BOATBLD WO & FAB Boatbuilding-Wood and Fabricated | 30,31 | / | | CAB WOODWK @7 G CARPENTRY @7 G |
| 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 |
| I480604 | INDUSTRIAL PLASTICS Industrial Plastics | 30,31 | / | | IND PLASTI @7 G |
| I48060R | INDUSTRIAL PLASTICS Industrial Plastics | 30,31 | / | | IND PLASTI @7 G |
| 8754000 | MACHINING Machining | 9-12,30,31 | / | | MACH SHOP @7 G METAL WORK @7 G TOOL DIE @7 G |

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / | GRADE LEVEL/ COURSE LEVEL | CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|------------------------------|--|------------------------------|-------------|---|--------|--|
| ----- | | | | | | |
| MANUFACTURING CAREER PATH | | | | | | |
| ----- | | | | | | |
| 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 | |
| 8754092 | MACHINING 11 Machining 11/Level 3 | | /Y | VO | 1.0 | |
| 8754093 | MACHINING 12 Machining 12/Level 3 | | /Y | VO | 1.0 | |
| I480503 | MACHINING Machining | 30,31 | / | | | MACH SHOP @7 G TOOL DIE @7 G METAL WORK @7 G |
| I48050R | MACHINING - APPR Machining - Apprenticeship | 30,31 | / | | | MACH SHOP @7 G TOOL DIE @7 G METAL WORK @7 G |

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|------------------------------|--|-----------------------------|--|--------|---|
| ----- | | | | | |
| MANUFACTURING CAREER PATH | | | | | |
| ----- | | | | | |
| 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 |

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|------------------------------|--|-----------------------------|--|--------|---|
| ----- | | | | | |
| MANUFACTURING CAREER PATH | | | | | |
| ----- | | | | | |
| 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 METAL WORK @7 G |
| 8754100 | SHEET METAL FAB TECH Sheet Metal Fabrication Technology | 9-12,30,31 / | | | SHEETMETAL @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 |
| I48052R | SH MTL FAB TECH-APPR Sheet Metal Fabrication Technology - Apprenticeship | 30,31 / | | | SHEETMETAL @7 G METAL WORK @7 G |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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

| MANUFACTURING CAREER PATH |
-----MAINTENANCE, INSTALLATION & REPAIR CAREER PATH (MNPC)

| | | | | | | |
|---------|---|--------------|----|----------|------|-----------------|
| 8754500 | APPLIED WELDING TECH Applied Welding Technologies | 9-12,30,31 / | | WELDING | @7 G | METAL WORK @7 G |
| 8754510 | WELDING TECH 1 Welding Technologies 1/Level 2 | /Y | VO | 1.0 | | |
| 8754520 | WELDING TECH 2 Welding Technologies 2/Level 2 | /Y | VO | 1.0 | | |
| 8754530 | WELDING TECH 3 Welding Technologies 3/Level 2 | /Y | VO | 1.0 | | |
| 8754540 | WELDING TECH 4 Welding Technologies 4/Level 2 | /Y | VO | 1.0 | | |
| 8754550 | WELDING TECH 5 Welding Technologies 5/Level 2 | /Y | VO | 1.0 | | |
| 8754560 | WELDING TECH 6 Welding Technologies 6/Level 2 | /Y | VO | 1.0 | | |
| 8754570 | WELDING TECH 7 Welding Technologies 7/Level 2 | /Y | VO | 1.0 | | |
| 8754580 | WELDING TECH 8 Welding Technologies 8/Level 2 | /Y | VO | 1.0 | | |
| I480500 | APPLIED WELDING TECH Applied Welding Technologies | 30,31 / | | WELDING | @7 G | METAL WORK @7 G |
| I48054R | APLD WELD TECH -APPR Applied Welding Technologies - Appr enticeship | 30,31 / | | WELDING | @7 G | METAL WORK @7 G |
| 8775500 | AUTO UPH & TRIM Automotive Upholstery and Trim | 9-12,30,31 / | | AUTO UPH | @7 G | |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|------------------------------|--|-----------------------------|--|--------|-----------------------------------|
| ----- | | | | | |
| MANUFACTURING CAREER PATH | | | | | |
| ----- | | | | | |
| 8775010 | UPH & FURN REF 1 Upholstery and Furniture Refinishin g 1/Level 2 | /Y | VO | 1.0 | |
| 8775020 | UPH & FURN REF 2 Upholstery and Furniture Refinishin g 2/Level 2 | /Y | VO | 1.0 | |
| 8775503 | AUTO UPHOLSTERY 3 Automobile Upholstery 3/Level 2 | /Y | VO | 1.0 | |
| 8775504 | AUTO UPHOLSTERY 4 Automobile Upholstery 4/Level 2 | /Y | VO | 1.0 | |
| 8775505 | AUTO UPHOLSTERY 5 Automobile Upholstery 5/Level 2 | /Y | VO | 1.0 | |
| 8775506 | AUTO UPHOLSTERY 6 Automobile Upholstery 6/Level 2 | /Y | VO | 1.0 | |
| 8775507 | AUTO UPHOLSTERY 7 Automobile Upholstery 7/Level 2 | /Y | VO | 1.0 | |
| 8775508 | AUTO UPHOLSTERY 8 Automobile Upholstery 8/Level 2 | /Y | VO | 1.0 | |
| 8775509 | AUTO UPHOLSTERY 9 Automobile Upholstery 9/Level 2 | /Y | VO | 1.0 | |
| 8775510 | AUTO UPHOLSTERY 10 Automobile Upholstery 10/Level 2 | /Y | VO | 1.0 | |
| 8775511 | AUTO UPHOLSTERY 11 Automobile Upholstery 11/Level 2 | /Y | VO | 1.0 | |
| I480313 | AUTO UPH & TRIM Automotive Upholstery and Trim | 30,31 / | | | AUTO UPH @7 G |
| I150401 | BIOMED EQ TECH Biomedical Equipment Technology | 30,31 / | | | TEC MED @7 G PRAC NURSE ù7 ùG |
| 8751300 | BOAT&YCT RPR/REF TEC Boat and Yacht Repair/Refinishing T echnology | 9-12,30,31 / | | | SEAMANSHIP @7 G CARPENTRY @7 G |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|------------------------------|---|-----------------------------|--|--------|-------------------------------------|
| ----- | | | | | |
| MANUFACTURING CAREER PATH | | | | | |
| ----- | | | | | |
| 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 | |
| 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 T echnology | 30,31 / | | | SEAMANSHIP @7 G CARPENTRY @7 G |
| I470408 | CLK/WATCH MAK & RPR Clock/Watch Making and Repair | 30,31 / | | | INSTRMENT @7 G WATCH REPR @7 G |
| 8716000 | CMCL BUSINESS MAINT Commercial Business Machine Mainten ance | 9-12,30,31 / | | | BUS MACH @7 G |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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

| ----- | | | | | | |
|---------------------------|--|----|----|--|-----|--|
| MANUFACTURING CAREER PATH | | | | | | |
| ----- | | | | | | |
| 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 | |
| 8716100 | CMCL BUS MACHMAINT10 Commercial Business Machine Maintenance 10/Level 2 | /Y | VO | | 1.0 | |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|------------------------------|--|-----------------------------|---|--------|----------------------------------|
| ----- | | | | | |
| MANUFACTURING CAREER PATH | | | | | |
| ----- | | | | | |
| 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 |
| 8732100 | CPTR SYSS TECH Computer Systems Technology | 9-12,30,31 / | | | BUS MACH @7 G ELECTRONIC @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 2 | /Y | VO | 1.0 | |
| 8732140 | CPT SYSS TECH 4 Computer Systems Technology 4/Level 2 | /Y | VO | 1.0 | |
| 8732150 | CPT SYSS TECH 5 Computer Systems Technology 5/Level 2 | /Y | VO | 1.0 | |
| 8732160 | CPT SYSS TECH 6 Computer Systems Technology 6/Level 2 | /Y | VO | 1.0 | |
| 8732170 | CPT SYSS TECH 7 Computer Systems Technology 7/Level 2 | /Y | VO | 1.0 | |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|------------------------------|---|-----------------------------|---|--------|---|
| ----- | | | | | |
| MANUFACTURING CAREER PATH | | | | | |
| ----- | | | | | |
| 8732180 | CPT SYSS TECH 8 Computer Systems Technology 8/Level 2 | /Y | VO | 1.0 | |
| 8732190 | CPT SYSS TECH 9 Computer Systems Technology 9/Level 2 | /Y | VO | 1.0 | |
| 8732191 | CPT SYSS TECH 10 Computer Systems Technology 10/Leve l 2 | /Y | VO | 1.0 | |
| 8732192 | CPT SYSS TECH 11 Computer Systems Technology 11/Leve l 2 | /Y | VO | 1.0 | |
| I470104 | CPTR SYSS TECH Computer Systems Technology | 30,31 / | | | COMP SVC @7 G BUS MACH @7 G ELECTRONIC @7 G |
| 8730100 | CONS ELECT PROD SER Consumer Electronic Product Servi ng | 9-12,30,31 / | | | RADIO TV @7 G ELECTRONIC @7 G |
| 8730110 | CONS ELECT PROD SER1 Consumer Electronic Product Servi ng 1/Level 2 | /Y | VO | 1.0 | |
| 8730120 | CONS ELECT PROD SER2 Consumer Electronic Product Servi ng 2/Level 2 | /Y | VO | 1.0 | |
| 8730130 | CONS ELECT PROD SER3 Consumer Electronic Product Servi ng 3/Level 2 | /Y | VO | 1.0 | |
| 8730140 | CONS ELECT PROD SER4 Consumer Electronic Product Servi ng 4/Level 2 | /Y | VO | 1.0 | |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|------------------------------|--|-----------------------------|---|--------|--|
| ----- | | | | | |
| MANUFACTURING CAREER PATH | | | | | |
| ----- | | | | | |
| 8730150 | CONS ELECT PROD SER5 Consumer Electronic Product Servi ng 5/Level 2 | /Y | VO | 1.0 | |
| 8730160 | CONS ELECT PROD SER6 Consumer Electronic Product Servi ng 6/Level 2 | /Y | VO | 1.0 | |
| 8730170 | CONS ELECT PROD SER7 Consumer Electronic Product Servi ng 7/Level 2 | /Y | VO | 1.0 | |
| 8730180 | CONS ELECT PROD SER8 Consumer Electronic Product Servi ng 8/Level 2 | /Y | VO | 1.0 | |
| 8730190 | CONS ELECT PROD SER9 Consumer Electronic Product Servi ng 9/Level 2 | /Y | VO | 1.0 | |
| 8730191 | CONS ELECT PRODSER10 Consumer Electronic Product Servi ng 10/Level 2 | /Y | VO | 1.0 | |
| 8730192 | CONS ELECT PRODSER11 Consumer Electronic Product Servi ng 11/Level 2 | /Y | VO | 1.0 | |
| 8730193 | CONS ELECT PRODSER12 Consumer Electronic Product Servi ng 12/Level 2 | /Y | VO | 1.0 | |
| I470113 | CONS ELECT PROD SERV Consumer Electronic Product Servi ng | 30,31 / | | | TEC ELEC @7 G RADIO TV @7 G ELECTRONIC @7 G |
| I46030R | ELEC LINESER&RPR-APP Electrical Line Service and Repair - Apprecticeship | 30,31 / | | | ELECTRICAL @7 G TEC ELEC @7 G |
| 8730000 | ELECTRONIC TECH Electronic Technology | 9-12,30,31 / | | | TEC ELEC @7 G RADIO TV @7 G ELECTRONIC @7 G AVIONICS @7 G |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|------------------------------|---|-----------------------------|---|--------|----------------------------------|
| ----- | | | | | |
| MANUFACTURING CAREER PATH | | | | | |
| ----- | | | | | |
| 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 | |
| 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 |
| I15030R | ELECT TECH - APPR Electronic Technology - Apprentices hip | 30,31 | / | | ELECTRONIC @7 G AVIONICS @7 G |
| 8736000 | INDUS BIOTECH Industrial Biotechnology | 9-12,30,31 | /Y | VO | 1.0 BIOTECH G 7 |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|------------------------------|---|-----------------------------|---|--------|----------------------------------|
| ----- | | | | | |
| MANUFACTURING CAREER PATH | | | | | |
| ----- | | | | | |
| 3027010 | BIOTECH 1 Biotechnology 1 (0.5 credit SC & 0. 5 credit VOC) | /Y | SV | 1.0 | |
| 3027020 | BIOTECH 2 Biotechnology 2 (0.5 credit SC & 0. 5 credit VOC) | /Y | SV | 1.0 | |
| 8736030 | BIOTECH 3 Biotechnology 3 | /Y | VO | 1.0 | |
| I470105 | IND ELECTRONICS Industrial Electronics | 30,31 / | | | RADIO TV @7 G ELECTRONIC @7 G |
| 8743100 | INDUS MACHI MAINT Industrial Machinery Maintenance | 9-12,30,31 / | | | TEC ELEC @7 G MILLWRIGHT @7 G |
| 8743210 | MAINT SKILLS 1 Maintenance Skills 1/Level 2 | /Y | VO | 1.0 | BLDG CONST @7 G IND ENGR @7 G |
| 8743220 | MAINT SKILLS 2 Maintenance Skills 2/Level 2 | /Y | VO | 1.0 | |
| 8743230 | MAINT SKILLS 3 Maintenance Skills 3/Level 2 | /Y | VO | 1.0 | |
| 8743240 | MACH MAINT 4 Machinery Maintenance 4/Level 2 | /Y | VO | 1.0 | |
| 8743250 | MACH MAINT 5 Machinery Maintenance 5/Level 2 | /Y | VO | 1.0 | |
| 8743260 | MACH MAINT 6 Machinery Maintenance 6/Level 2 | /Y | VO | 1.0 | |
| 8743170 | INDUSTRIAL MAINT 7 Industrial Maintenance 7/Level 2 | /Y | VO | 1.0 | |

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|------------------------------|--|-----------------------------|---|--------|--|
| ----- | | | | | |
| MANUFACTURING CAREER PATH | | | | | |
| ----- | | | | | |
| 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 ù7 ùG MILLWRIGHT @7 G |
| I47031R | INDUS MACH MAINT-APP Industrial Machinery Maintenance - Apprenticeship | 30,31 / | | | TEC CONSTR ù7 ùG MILLWRIGHT @7 G BLDG CONST ù7 ùG IND ENGR @7 G |
| I470401 | INSTRUMENT REPAIR Instrument Repair | 30,31 / | | | INSTRMENT @7 G |
| 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 Re pair Core 1/Level 2 | /Y | VO | 1.0 | |
| 8745502 | CLK/WCH/JEWLMAK&RPR2 Clock, Watch, Jewelry Making and Re pair Core 2/Level 2 | /Y | VO | 1.0 | |
| 8745503 | CLK/WCH/JEWLMAK&RPR3 Clock, Watch, Jewelry Making and Re pair Core 3/Level 2 | /Y | VO | 1.0 | |
| 8745504 | JEWL MAK & RPR 4 Jewelry Making and Repair 4/Level 2 | /Y | VO | 1.0 | |
| 8745505 | JEWL MAK & RPR 5 Jewelry Making and Repair 5/Level 2 | /Y | VO | 1.0 | |

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|------------------------------|--|-----------------------------|---|--------|---------------------------------|
| ----- | | | | | |
| MANUFACTURING CAREER PATH | | | | | |
| ----- | | | | | |
| 8745506 | JEWL MAK & RPR 6 Jewelry Making and Repair 6/Level 2 | /Y | VO | 1.0 | |
| 8745507 | JEWL MAK & RPR 7 Jewelry Making and Repair 7/Level 2 | /Y | VO | 1.0 | |
| 8745508 | JEWL MAK & RPR 8 Jewelry Making and Repair 8/Level 2 | /Y | VO | 1.0 | |
| 8745509 | JEWL MAK & RPR 9 Jewelry Making and Repair 9/Level 2 | /Y | VO | 1.0 | |
| 8745510 | JEWL MAK & RPR 10 Jewelry Making and Repair 10/Level 2 | /Y | VO | 1.0 | |
| 8745511 | JEWL MAK & RPR 11 Jewelry Making and Repair 11/Level 2 | /Y | VO | 1.0 | |
| I480602 | JEWELRY MAKING & RPR Jewelry Making and Repair | 30,31 / | | | METAL WORK @7 G JWLY MFGR @7 G |
| I470106 | MAJ APP & REFG RPR Major Appliance and Refrigeration Repair | 30,31 / | | | GAS FITTER @7 G APPLI REPR @7 G |
| 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 | |
| 8706020 | MAJ APP & REFG RPR 2 Major Appliance and Refrigeration Repair 2/Level 2 | /Y | VO | 1.0 | |

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| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA | | CREDIT | CERTIFICATION |
|------------------------------|---|-----------------------------|---------------------------------|--|--------|--|
| | | | GRADUATION REQUIREMENTS | | | |
| ----- | | | | | | |
| MANUFACTURING CAREER PATH | | | | | | |
| ----- | | | | | | |
| 8706030 | MAJ APP & REFG RPR 3 Major Appliance and Refrigeration R epair 3/Level 2 | /Y | VO | | 1.0 | |
| 8706040 | MAJ APP & REFG RPR 4 Major Appliance and Refrigeration R epair 4/Level 2 | /Y | VO | | 1.0 | |
| 8706050 | MAJ APP & REFG RPR 5 Major Appliance and Refrigeration R epair 5/Level 2 | /Y | VO | | 1.0 | |
| 8706060 | MAJ APP & REFF RPR 6 Major Appliance and Refrigeration R epair 6/Level 2 | /Y | VO | | 1.0 | |
| 8706070 | MAJ APP & REFF RPR 7 Major Appliance and Refrigeration R epair 7/Level 2 | /Y | VO | | 1.0 | |
| 8706080 | MAJ APP & REFF RPR 8 Major Appliance and Refrigeration R epair 8/Level 2 | /Y | VO | | 1.0 | |
| 8706090 | MAJ APP & REFF RPR 9 Major Appliance and Refrigeration R epair 9/Level 2 | /Y | VO | | 1.0 | |
| 8706100 | MAJ APP & REFR RPR10 Major Appliance and Refrigeration R epair 10/Level 2 | /Y | VO | | 1.0 | |
| I47010R | MAJ APP&REFG RPR APP Major Appliance and Refrigeration R epair - Apprenticeship | 30,31 | /Y | | | |
| 8743200 | MILLWRIGHT Millwright | 9-12,30,31 / | | | | TEC CONSTR ù7 G BLDG CONST ù7 G MILLWRIGHT @7 G IND ENGR @7 G |

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| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|------------------------------|---|-----------------------------|---|--------|--|
| ----- | | | | | |
| MANUFACTURING CAREER PATH | | | | | |
| ----- | | | | | |
| 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 |
| I47032R | MILLWRIGHT - APPR Millwright - Apprenticeship | 30,31 | / | | BLDG CONST `7 G TEC CONSTR `7 G MILLWRIGHT `7 G IND ENGR @7 G |
| I470202 | REFG TECH Refrigeration Technology | 30,31 | / | | BLDG CONST `7 G AC HEAT ME @7 G REFRG MECH @7 G |
| I47020R | REFG TECH - APPR Refrigeration Technology - Apprenti ceship | 30,31 | / | | AC HEAT ME @7 G REFRG MECH @7 G |
| I469929 | REL INDUS TECH Related Industrial Technology | 30,31 | / | | ANY INDUS ED G |

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| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|------------------------------|--|-----------------------------|---|----------------|--------------------|
| ----- | | | | | |
| MANUFACTURING CAREER PATH | | | | | |
| ----- | | | | | |
| 8775000 | UPH & FURN REF Upholstery and Furniture Refinishin g | 9-12,30,31 / | | FURN REPR @7 G | HOMEMAKING !2 !7 G |
| 8775010 | UPH & FURN REF 1 Upholstery and Furniture Refinishin g 1/Level 2 | /Y | VO | 1.0 | |
| 8775020 | UPH & FURN REF 2 Upholstery and Furniture Refinishin g 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 | |
| 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 Refinishin g | 30,31 / | | FURN REPR @7 G | HOMEMAKING !7 G |

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

 |MANUFACTURING CAREER PATH |

HEALTH, SAFETY & ENVIRONMENTAL ASSURANCE CAREER PATH (MNPf)

| | | | | | | |
|---------|--|-------|---|--|------|------|
| I150701 | OCC SAF & HLTH TECH Occupational Safety and Health Tech nology | 30,31 | / | | OSHA | @7 G |
|---------|--|-------|---|--|------|------|

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

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|--|--|-----------------------------|---|--------|---|
| ----- | | | | | |
| MANUFACTURING CAREER PATH | | | | | |
| ----- | | | | | |
| 8700370 | PRAC GRAPHIC ARTS Practical Graphic Arts | /Y | VO | 1.0 | |
| 8700380 | PRAC DRAFTING Practical Drafting | /Y | VO | 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 |
| ----- | | | | | |
| MARKETING, SALES & SERVICES CAREER PATH | | | | | |
| ----- | | | | | |
| MANAGEMENT & ENTREPRENEURSHIP CAREER PATH (MKPA) | | | | | |
| ----- | | | | | |
| 8812100 | ACA OF ENTREP Academy of Entrepreneurship | 9-12,30,31 / | | | DIST ED @7 BUS ED 1 @4 VOE @7 RETAILING @7 G WHOLESALE @7 G TEACH CDE @7 MKTG 1 TEACH CBE @7 MKTG MGMT @7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| 8812110 | PRIN OF ENTREP Principles of Entrepreneurship/Level 2 | /Y | VO | 1.0 | |
| 8812120 | BUS MGMT & LAW Business Management and Law/Level 3 | /Y | VO | 1.0 | |

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|---|--|-----------------------------|---|--------|---|
| ----- | | | | | |
| MARKETING, SALES & SERVICES CAREER PATH | | | | | |
| ----- | | | | | |
| 8812000 | BUSINESS OWNERSHIP Business Ownership/Level 3 | /Y | VO | 1.0 | |
| M803010 | ACA OF ENTREP Academy of Entrepreneurship | 30,31 / | | | RETAILING @7 G DIST ED @7 MKTG MGMT @7 G TEACH CDE @7 WHOLESA @7 G MKTG 1 VOE @7 BUS ED 1 @4 TEACH CBE @7 |
| M618020 | BUSINESS OWNERSHIP Business Ownership | 30,31 / | | | RETAILING @7 G DIST ED @7 TEACH CDE @7 WHOLESAL @7 G MKTG MGMT @7 G MKTG 1 |
| 8812000 | BUSINESS OWNERSHIP Business Ownership/Level 3 | 9-12,30,31 /Y | VO | 1.0 | SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| PROFESSIONAL SALES & MARKETING CAREER PATH (MKPB) | | | | | |
| ----- | | | | | |
| 8806000 | ACA OF FASHION MKTG Academy of Fashion Marketing | 9-12,30,31 / | | | RETAILING @7 G TEACH CDE @7 DIST ED @7 MKTG 1 MKTG MGMT @7 G |
| 8806010 | FASH ESSENTIALS Fashion Essentials/Level 2 | /Y | VO | 1.0 | |
| 8806020 | FASHION APPL Fashion Applications/Level 2 | /Y | VO | 1.0 | |
| 8806030 | FASH MKT MGMT Fashion Marketing Management/Level 3 | /Y | VO | 1.0 | |
| M801020 | ACA OF FASHION MKT Academy of Fashion Marketing | 30,31 / | | | RETAILING @7 G DIST ED @7 TEACH CDE @7 MKTG 1 MKTG MGMT @7 G |
| 8839100 | ACA INTL MKT Academy of International Marketing | 9-12,30,31 / | | | RETAILING @7 G DIST ED @7 TEACH CDE @7 WHOLESAL @7 G MKTG 1 MKTG MGMT @7 G |

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|---|---|-----------------------------|---|--------|--|
| ----- | | | | | |
| MARKETING, SALES & SERVICES CAREER PATH | | | | | |
| ----- | | | | | |
| 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 | ACAD INTER MKTG Academy of International Marketing | 30,31 | / | | RETAILING @7 G DIST ED @7 TEACH CDE @7 MKTG 1 WHOLESALE @7 G MKTG MGMT @7 G |
| 8827400 | ACA SPRT REC ENT MKT Academy of 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 CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| 8827410 | SPORT REC ENT ESSEN Sport, Recreation, and Entertainmen t Essentials/Level 2 | /Y | VO | 1.0 | |
| 8827420 | SPORT REC ENT APPL Sport, Recreation, and Entertainmen t Applications/Level 2 | /Y | VO | 1.0 | |
| 8827430 | SPRT REC ENT MKT MGM Sport, Recreation, and Entertainmen t 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 | |

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|---|--|-----------------------------|---|--|--|
| ----- | | | | | |
| MARKETING, SALES & SERVICES CAREER PATH | | | | | |
| ----- | | | | | |
| 8800410 | MARKETING COOP-OJT Marketing Cooperative Education-OJT /Level 2 | /M | VO MULTIPLE | | |
| M899400 | ACA SPRT REC ENT MKT Academy of 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 |
| 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 @4 |
| 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 @4 |
| 8818000 | FLORAL DESIGN & MKT Floral Design and Marketing | 9-12,30,31 / | | DIST ED @7 TEACH CDE @7 MKTG MGMT @7 G | RETAILING @7 G MKTG 1 |
| 8818010 | FLORAL DSN & MKT 1 Floral Design and Marketing 1/Level 2 | /Y | VO | 1.0 | |
| 8818020 | FLORAL DSN & MKT 2 Floral Design and Marketing 2/Level 2 | /Y | VO | 1.0 | |

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| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|---|--|-----------------------------|---|--------|--|
| ----- | | | | | |
| MARKETING, SALES & SERVICES CAREER PATH | | | | | |
| ----- | | | | | |
| 8818030 | FLORAL DSN & MKT 3 Floral Design and Marketing 3/Level 2 | /Y | VO | 1.0 | |
| 8818040 | FLORAL DSN & MKT 4 Floral Design and Marketing 4/Level 2 | /Y | VO | 1.0 | |
| 8818050 | FLORAL DSN & MKT 5 Floral Design and Marketing 5/Level 2 | /Y | VO | 1.0 | |
| 8818060 | FLORAL DSN & MKT 6 Floral Design and Marketing 6/Level 2 | /Y | VO | 1.0 | |
| M805030 | FLORAL DESIGN & MKT Floral Design and Marketing | 30,31 / | | | RETAILING @7 G TEACH CDE @7 MKTG MGMT @7 G DIST ED @7 MKTG 1 |
| 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 |
| 8836100 | INSURANCE MKT INSURANCE MARKETING | 9-12,30,31 / | | | INSURANCE @7 G TEACH CDE @7 MKTG 1 DIST ED @7 MKTG MGMT @7 G 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/Leve l 2 | /Y | VO | 1.0 | |
| 8827100 | MKT Marketing | 9-12,30,31 / | | | TEACH CDE @7 MKTG 1 MKTG MGMT @7 G DIST ED @7 RETAILING @7 G ADVR PROM @7 G |

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| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|---|--|-----------------------------|---|----------|---|
| ----- | | | | | |
| MARKETING, SALES & SERVICES CAREER PATH | | | | | |
| ----- | | | | | |
| 8827110 | MARKETING ESSENTIALS Marketing Essentials/Level 2 | /Y | VO | 1.0 | |
| 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 TEACH CDE @7 DIST ED @7 MKTG 1 ADVR PROM @7 G |
| 8800410 | MARKETING COOP-OJT Marketing Cooperative Education- OJ T/Level 2 | 9-12,30,31 /M | VO | MULTIPLE | TEACH CDE @7 DIST ED @7 MKTG 1 @2/TC COOP ED E |
| M899990 | MARKETING COOP-OJT Marketing Cooperative Education-OJT /Level 2 | 30,31 / | | | DIST ED @7 G TEACH CDE @7 MKTG 1 @2/TC COOP ED E |
| M807040 | REAL EST APPRA TRAIN Real Estate Appraiser Trainee | 30,31 / | | | REAL ESTAT @7 G |
| M807020 | REAL ESTA BRKR Real Estate Broker | 30,31 / | | | REAL ESTAT @7 G |
| M807010 | REAL ESTA SLS AGT Real Estate Sales Agent | 30,31 / | | | REAL ESTAT @7 G |
| M809050 | RESTAURANT MKTG Restaurant Marketing | 30,31 / | | | RETAILING @7 G DIST ED @7 TEACH CDE @7 RESTAURANT @7 G MKTG MGMT @7 G |
| 8824100 | RESTAURANT MKT Restaurant Marketing/Level 2 | 9-12,30,31 / | | | RETAILING @7 G DIST ED @7 TEACH CDE @7 RESTAURANT @7 G MKTG MGMT @7 G MKTG 1 |

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|---|--|-----------------------------|---|--------|--|
| ----- | | | | | |
| MARKETING, SALES & SERVICES CAREER PATH | | | | | |
| ----- | | | | | |
| 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 TEACH CDE @7 MKTG MGMT @7 G DIST ED @7 MKTG 1 |
| 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 TEACH CDE @7 MKTG MGMT @7 G DIST ED @7 MKTG 1 |

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COURSES MEETING

SUBJECT AREA

PROGRAM/
COURSE

ABBREVIATED TITLE

GRADE LEVEL/
PROGRAM/COURSE TITLE / COURSE LEVEL

GRADUATION

NUMBER

PROGRAM/COURSE TITLE / COURSE LEVEL

CRSE LENGTH

REQUIREMENTS

CREDIT

CERTIFICATION

|MARKETING, SALES & SERVICES CAREER PATH |
-----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/L evel 2 | /Y | VO | 1.0 | | |
| 8848120 | CUST SER REP 2 Customer Service Representative 2/L evel 2 | /Y | VO | 1.0 | | |
| 8848130 | CUST SER REP 3 Customer Service Representative 3/L evel 2 | /Y | VO | 1.0 | | |
| 8848140 | CUST SER REP 4 Customer Service Representative 4/L evel 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 |
| M807068 | CUST SERV TECH-ATD Customer Service Technology-ATD | 30,31 / | | | | |

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| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|---|--|-----------------------------|--|--|--|
| ----- | | | | | |
| MARKETING, SALES & SERVICES CAREER PATH | | | | | |
| ----- | | | | | |
| DISTRIBUTION & LOGISTICS CAREER PATH (MKPF) | | | | | |
| ----- | | | | | |
| 812040 | IND DIST & MGMT (MKT Industrial Distribution and Managem ent (MKT)/Level 2 | 30,31 / | | RETAILING @7 G TEACH CDE @7 WHOLESALE @7 G | DIST ED @7 MKTG 1 MKTG MGMT @7 G |
| 8809100 | MKT MCH & PARTS OPS Marketing, Merchandising & Parts Op erations | 9-12,30,31 / | | RETAILING @7 G TEACH CDE @7 MKTG MGMT @7 G | MKTG 1 WHOLESALE @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 | |
| 8809111 | PARTS SPEC 3 Parts Specialist 3/Level 2 | /Y | VO | 1.0 | |

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| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|---|--|-----------------------------|---|----------|--|
| ----- | | | | | |
| MARKETING, SALES & SERVICES CAREER PATH | | | | | |
| ----- | | | | | |
| 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 Op erations | 30,31 / | | | RETAILING @7 G TEACH CDE @7 WHOLESALE @7 G DIST ED @7 MKTG 1 MKTG MGMT @7 G |
| SUPPLEMENTAL PROGRAMS | | | | | |
| ----- | | | | | |
| 8800210 | EX OF MKT OCCS Exploration of Marketing Occupation s | 6-9,30,31 /S | VO | 0.5 | BUS ED 1 @4 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 | MULTIPLE | ANY MARKETING ED G |
| 8899990 | MKT ED TRAN Marketing Education Transfer | 9-12,30,31 / | | | NA |
| M000000 | MKT ED TRANSFER Marketing Education Transfer | 30,31 / | | | NA |
| 8800110 | ORIEN TO MKT OCCS Orientation to Marketing Occupation s | 6-9,30,31 /S | VO | 0.5 | BUS ED 1 @4 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 |

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| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION | |
|---|---|-----------------------------|---|--------|--|--|
| ----- | | | | | | |
| SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS (STEM) CAREER PATH | | | | | | |
| ----- | | | | | | |
| ENGINEERING & TECHNOLOGY CAREER PATH (SCPA) | | | | | | |
| ----- | | | | | | |
| 8601900 | ADV TECH APPL Advanced Technology Applications/Level 3 | 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 ENG 7 G INDUS ARTS @4 @6 ENG 7 G | 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 TEC ED 1 TEC ED 1 |
| 8600080 | AEROSPACE TECHS Aerospace Technologies | 9-12,30,31 / | | | | |
| 8600580 | AEROSPACE TECH I Aerospace Technology I/Level 2 | /Y | VO | 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 | | |
| 8915000 | CIVIL ENGR AIDE Civil Engineering Aide | 9-12,30,31 / | | | TEC CONSTR @7 G SURVEY @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 | | |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|--|---|-----------------------------|---|--------|---|
| ----- SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS (STEM) CAREER PATH ----- | | | | | |
| 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 | |
| 8601000 | COMM TECH Communications Technology | 9-12,30,31 / | | | INDUS ARTS @4 @6 GRAPH ARTS @4 TEC ED 1 GEN SHOP @4 PRINTING @7 G ENG @7 |
| 8601010 | COMM TECH I Communications Technology I/Level 2 | /Y | VO | 1.0 | |
| 8601020 | COMM TECH II Communications Technology II/Level 2 | /Y | VO | 1.0 | |
| 8601030 | COMM TECH III Communications Technology III/Level 3 | /Y | VO | 1.0 | |
| 8600700 | CONST TECH Construction Technology | 9-12,30,31 / | | | INDUS ARTS @4 @6 CARPENTRY @7 G TEC CONSTR @7 G TEC ED 1 ENG @7 GEN SHOP @4 WOODWORKIN @4 BLDG CONST @7 G BLDG MAINT @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 | VO | 1.0 | |
| 8600730 | CONST TECH III Construction Technology III/Level 3 | /Y | VO | 1.0 | |
| 8600800 | DRAFT/ILL DESIGN TEC Drafting/Illustrative Design Technology | 9-12,30,31 / | | | INDUS ARTS @4 @6 GRAPH ARTS @4 TEC ED 1 GEN SHOP @4 DRAFTING @7 G ENG 7 G |

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| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|---|---|-----------------------------|---|--------|---|
| ----- SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS (STEM) CAREER PATH ----- | | | | | |
| 8600810 | DRAFT/ILL DSN TECH I Drafting/Illustrative Design Techno logy I/Level 2 | /Y | VO | 1.0 | |
| 8600820 | DRAFT/ILL DSN TECHII Drafting/Illustrative Design Techno logy II/Level 2 | /Y | VO | 1.0 | |
| 8600830 | DRAFT/ILL DSN TECIII Drafting/Illustrative Design Techno logy III/Level 3 | /Y | VO | 1.0 | |
| 8600900 | ELECTS TECH Electronics Technology | 9-12,30,31 / | | | INDUS ARTS @4 @6 ELECTRONIC @7 G TEC ELEC @7 G ENG @7 GEN SHOP @4 ELECTRICAL @4 @7 G TEC ED 1 |
| 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 | |
| 8607000 | ENGINEERING TECH Engineering Technology | 9-12,30,31 / | VO | | INDUS ARTS @4 @6 ENG 7 G TEC ED 1 |
| 8600570 | ENGINEERING TECH I Engineering Technology I/Level 2 | /Y | VO | 1.0 | |
| 8600670 | ENGINEERING TECH II Engineering Technology II/Level 2 | /Y | VO | 1.0 | |
| 8601770 | ENGINEERING TECH III Engineering Technology III/Level 3 | /Y | VO | 1.0 | |

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|---|--|-----------------------------|---|--------|---|
| ----- | | | | | |
| SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS (STEM) CAREER PATH | | | | | |
| ----- | | | | | |
| 8600520 | PRIN OF ENGR Principles of Engineering/Level 2 | /Y | VO | 1.0 | |
| 8600530 | DIG ELECT Digital Electronics/Level 2 | /Y | VO | 1.0 | |
| 8600550 | INTRO TO ENGR DSN Introduction to Engineering Design/ Level 2 | /Y | VO | 1.0 | |
| 8600560 | COMP INTG MAN Computer Integrated Manufacturing/L evel 2 | /Y | VO | 1.0 | |
| 8600590 | CIV ENGR & ARCH Civil Engineering and Architecture/ Level 2 | /Y | VO | 1.0 | |
| 8600620 | AERO ENGR Aerospace Engineering/Level 2 | /Y | VO | 1.0 | |
| 8600630 | BIOTECH ENGR Biotechnical Engineering/Level 2 | /Y | VO | 1.0 | |
| 8600650 | ENGR DSN & DEV Engineering Design and Development/ Level 2 | /Y | VO | 1.0 | |
| 8600200 | GIS TECH Geospatial/Geographic Information S ystems (GIS) Technology | 9-12,30,31 | /Y | | BUS ED @4 1 @2 TEC ED 1 @2 COMPU SCI @6 @2 TEC EN AID @7 G SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| 8600260 | INTRO TO GIS/RS TECH Introduction to GIS/RS Technology | /Y | VO | 1.0 | |
| 8600270 | ESSENTIAL GIS TOOLS Essential GIS Tools | /Y | VO | 1.0 | |

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| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|---|--|-----------------------------|---|--------|--|
| ----- SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS (STEM) CAREER PATH ----- | | | | | |
| 8600280 | GIS ANALYSIS & MODEL GIS Analysis and Modeling | /Y | VO | 1.0 | |
| 8600290 | ADV GIS APPLICATIONS Advanced GIS Applications | /Y | VO | 1.0 | |
| 860020 | GIS TECH Geospatial/Geographic Information Systems (GIS) Technology | 30,31 | /Y | | BUS ED @4 1 @2 TEC ED 1 @2 SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| 8601100 | MAT & PROCS TECH Materials and Processes Technology | 9-12,30,31 / | | | INDUS ARTS @4 @6 METALS @4 TEC ED 1 GEN SHOP @4 WOODWORKIN @4 ENG 7 G |
| 8601110 | MAT & PROCS TECH I Materials and Processes Technology I/Level 2 | /Y | VO | 1.0 | |
| 8601120 | MAT & PROCS TECH II Materials and Processes Technology II/Level 2 | /Y | VO | 1.0 | |
| 8601130 | MAT & PROCS TECH III Materials and Processes Technology III/Level 3 | /Y | VO | 1.0 | |
| 8601300 | POWER & ENERGY TECH Power and Energy Technology | 9-12,30,31 / | | | INDUS ARTS @4 @6 TEC ED 1 AUTO IND @7 G TRANSPORT @4 AIR MECH @7 G ENG @7 GEN SHOP @4 AUTO MECH @7 G GASENG RPR @7 G DIESEL MEC @7 G TEC MECH @7 G |
| 8601310 | POWER ENRG TECH I Power and Energy Technology I/Level 2 | /Y | VO | 1.0 | |

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| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|---|--|-----------------------------|---|--------|--------------------------------------|
| ----- | | | | | |
| SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS (STEM) CAREER PATH | | | | | |
| ----- | | | | | |
| 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 ENG 7 G TEC ED 1 |
| 8600540 | PRODUCTION TECH I Production Technology I/Level 2 | /Y | VO | 1.0 | |
| 8600640 | PRODUCTION TECH II Production Technology II/Level 2 | /Y | VO | 1.0 | |
| 8601740 | PRODUCTION TECH III Production Technology III/Level 3 | /Y | VO | 1.0 | |
| 8600100 | TECH STUDIES Technology Studies | 9-12,30,31 / | VO | | INDUS ARTS @4 @6 ENG @7 TEC ED 1 |
| 8600510 | TECH STUDIES I Technology Studies I/Level 2 | /Y | VO | 1.0 | |
| 8600610 | TECH STUDIES II Technology Studies II/Level 2 | /Y | VO | 1.0 | |
| 8601710 | TECH STUDIES III Technology Studies III/Level 2 | /Y | VO | 1.0 | |
| 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 | |

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|---|--|-----------------------------|---|--------|--|
| ----- | | | | | |
| SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS (STEM) CAREER PATH | | | | | |
| ----- | | | | | |
| 8600140 | INTRO TO DESIGN Introduction to Design/Level 2 | /Y | VO | 1.0 | |
| 8600150 | TECH ISSUES Technological Issues/Level 2 | /Y | VO | 1.0 | |
| 8600160 | ENGR DESIGN Engineering Design/Level 2 | /Y | VO | 1.0 | |
| 8600400 | TECH SYSS Technology Systems | 9-12,30,31 / | | | SEE CURRICULUM FRAMEWORK FOR SPECIFIC VOC COVERAGE |
| 8600410 | COMMUNICATIONS SYSS Communications Systems/Level 2 | /S | VO | 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 | VO | 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 | |

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| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|--|--|-----------------------------|---|--------|---|
| ----- SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS (STEM) CAREER PATH ----- | | | | | |
| 8601200 | TRANS TECH Transportation Technology | 9-12,30,31 / | | | INDUS ARTS @4 @6 TEC ED 1 AUTO IND @7 G TRANSPORT @4 AIR MECH @7 G ENG @7 GEN SHOP @4 AUTO MECH @7 G GASENG RPR @7 G DIESEL MEC @7 G TEC MECH @7 G |
| 8601210 | TRANS TECH I Transportation Technology I/Level 2 | /Y | VO | 1.0 | |
| 8601220 | TRANS TECH II Transportation Technology II/Level 2 | /Y | VO | 1.0 | |
| 8601230 | TRANS TECH III Transportation Technology III/Level 3 | /Y | VO | 1.0 | |
| 8601800 | WORK-BASED EXP Work-Based Experience/Level 2 | 9-12,30,31 /M | VO | 3.0 | 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 ENG 7 G 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 TEC ED 1 |
| SCIENCE & MATHEMATICS CAREER PATH (SCPB) ----- | | | | | |
| 8600042 | EX OF PDCT TECH & CA Exploration of Production Technology and Career Planning | 6-9,30,31 / | VO | | INDUS ARTS @4 @6 TEC ED 1 |
| 8600220 | EXPLO TECH Exploring Technology | 6-9,30,31 /S | VO | 0.5 | INDUS ARTS @4 @6 TEC ED 1 |
| 8600000 | INTEGRATED TECH ST Integrated Technology Studies | 6-9,30,31 / | | | INDUS ARTS @4 @6 ENG @7 TEC ED 1 |

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|------------------------------|--|-----------------------------|---|--------|---------------|
|------------------------------|--|-----------------------------|---|--------|---------------|

 | SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS (STEM) CAREER PATH |

| | | | | | |
|---------|--|----|----|-----|--|
| 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 Techn ology | /S | VO | 0.5 | |
| 8600040 | EX PRODUCTION TECH Exploration of Production Technolog y | /S | VO | 0.5 | |
| 8600050 | EX AEROSPACE TECH Exploration of Aerospace Technology | /S | VO | 0.5 | |
| 8600240 | EX TRANS TECH Exploration of Transportation Techn ology | /S | VO | 0.5 | |
| 8600250 | EX POWER & ENRG TECH Exploration of Power and Energy Tec hnology | /S | VO | 0.5 | |

 | TRANSPORTATION, DISTRIBUTION & LOGISTICS CAREER PATH |

 TRANSPORTATION OPERATIONS CAREER PATH (TRPA)

| | | | | | |
|---------|---|-------|---|--|--|
| I490310 | BAS MARITIME OPS Basic Maritime Operations | 30,31 | / | | |
|---------|---|-------|---|--|--|

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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

 |TRANSPORTATION, DISTRIBUTION & LOGISTICS CAREER PATH |

 FACILITY & MOBILE EQUIPMENT MAINTENANCE CAREER PATH (TRPD)

| | | | | | | |
|---------|---|--------------|----|-----|-----------------|---------------|
| 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 | | |
| I470604 | ADV AUTO TECH Advanced Automotive Technology | 30,31 / | | | AUTO MECH @7 G | AUTO IND @7 G |
| 8715200 | AIRCR POWPL MECH Aircraft PowerPlant Mechanic | 9-12,30,31 / | | | AIR MECH @7 G | |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|--|---|-----------------------------|---|--------|------------------------------|
| ----- | | | | | |
| TRANSPORTATION, DISTRIBUTION & LOGISTICS CAREER PATH | | | | | |
| ----- | | | | | |
| 8715110 | AVIATION MAINT GEN 1 Aviation Maintenance General 1/Level 1 3 | /Y | VO | 1.0 | |
| 8715120 | AVIATION MAINT GEN 2 Aviation Maintenance General 2/Level 1 3 | /Y | VO | 1.0 | |
| 8715130 | AVIATION MAINT GEN 3 Aviation Maintenance General 3/Level 1 3 | /Y | VO | 1.0 | |
| 8715140 | AVIATION MAINT GEN 4 Aviation Maintenance General 4/Level 1 3 | /Y | VO | 1.0 | |
| 8709000 | AUTO COLL RPR & REF Automotive Collision Repair and Ref inishing | 9-12,30,31 / | | | AUTO IND @7 G AUTO BODY @7 G |
| 8709010 | AUTO COLL RPR & REF1 Automotive Collision Repair and Ref inishing 1/Level 2 | /Y | VO | 1.0 | |
| 8709020 | AUTO COLL RPR & REF2 Automotive Collision Repair and Ref inishing 2/Level 2 | /Y | VO | 1.0 | |
| 8709030 | AUTO COLL RPR & REF3 Automotive Collision Repair and Ref inishing 3/Level 2 | /Y | VO | 1.0 | |
| 8709040 | AUTO COLL RPR & REF4 Automotive Collision Repair and Ref inishing 4/Level 2 | /Y | VO | 1.0 | |
| 8709050 | AUTO COLL RPR & REF5 Automotive Collision Repair and Ref inishing 5/Level 2 | /Y | VO | 1.0 | |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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|--|--|-----------------------------|---|-----------------------------------|----------------|
| ----- | | | | | |
| TRANSPORTATION, DISTRIBUTION & LOGISTICS CAREER PATH | | | | | |
| ----- | | | | | |
| 8709060 | AUTO COLL RPR & REF6 Automotive Collision Repair and Ref inishing 6/Level 2 | /Y | VO | 1.0 | |
| 8709070 | AUTO COLL RPR & REF7 Automotive Collision Repair and Ref inishing 7/Level 2 | /Y | VO | 1.0 | |
| 8709080 | AUTO COLL RPR & REF8 Automotive Collision Repair and Ref inishing 8/Level 2 | /Y | VO | 1.0 | |
| 8709090 | AUTO COLL RPR & REF9 Automotive Collision Repair and Ref inishing 9/Level 2 | /Y | VO | 1.0 | |
| I470603 | AUTO COLL RPR & REF Automotive Collision Repair and Ref inishing | 30,31 / | | AUTO IND @7 G | AUTO BODY @7 G |
| I47060R | AUTO COLL RPR&REF-AP Automotive Collision Repair and Ref inishing - Apprenticeship | 30,31 / | | AUTO IND @7 G | AUTO BODY @7 G |
| 8710000 | AUTO DETAIL RECD Automotive Detailing and Reconditio ning | 9-12,30,31 / | | AUTO BODY @7 G AUTO IND @7 G | AUTO MECH @7 G |
| 8710010 | AUTO DETAILING 1 Automotive Detailing 1 | /Y | VO | 1.0 | |
| 8710020 | AUTO DETAILING 2 Automotive Detailing 2 | /Y | VO | 1.0 | |
| 8710030 | AUTO DETAILING 3 Automotive Detailing 3 | /Y | VO | 1.0 | |
| I470623 | AUTO DETAIL RECD Automotive Detailing and Reconditio ning | 30,31 / | | AUTO BODY @7 G AUTO IND @7 G | AUTO MECH @7 G |
| I480513 | AUTO MACHINE SHOP Automotive Machine Shop | 30,31 / | | AUTO MACH @7 G METAL WORK @7 G | AUTO IND @7 G |

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|--|--|-----------------------------|---|--------|------------------------------|
| ----- | | | | | |
| TRANSPORTATION, DISTRIBUTION & LOGISTICS CAREER PATH | | | | | |
| ----- | | | | | |
| I47061R | AUTO SERV TECH-APPR Automotive Service Technolgy - Appr enticeship | 30,31 / | | | AUTO MECH @7 G AUTO IND @7 G |
| 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/Lev el 2 | | /Y VO | 1.0 | |
| 8709420 | AUTO SER TECH 2 Automotive Service Technology 2/Lev el 2 | | /Y VO | 1.0 | |
| 8709430 | AUTO SER TECH 3 Automotive Service Technology 3/Lev el 2 | | /Y VO | 1.0 | |
| 8709440 | AUTO SER TECH 4 Automotive Service Technology 4/Lev el 2 | | /Y VO | 1.0 | |
| 8709450 | AUTO SER TECH 5 Automotive Service Technology 5/Lev el 2 | | /Y VO | 1.0 | |
| 8709460 | AUTO SER TECH 6 Automotive Service Technology 6/Lev el 2 | | /Y VO | 1.0 | |
| 8709470 | AUTO SER TECH 7 Automotive Service Technology 7/Lev el 3 | | /Y VO | 1.0 | |
| 8709480 | AUTO SER TECH 8 Automotive Service Technology 8/Lev el 3 | | /Y VO | 1.0 | |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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|--|--|-----------------------------|---|--------|-----------------------------------|
| ----- | | | | | |
| TRANSPORTATION, DISTRIBUTION & LOGISTICS CAREER PATH | | | | | |
| ----- | | | | | |
| 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 |
| I470614 | AUTOTRONICS Autotronics | 30,31 / | | | ELECTRONIC @7 G AUTO ELECT G |
| I470612 | AV AIRFRAME MECH Aviation Airframe Mechanics | 30,31 / | | | AUTO MECH @7 G AIR MECH @7 G |
| 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 | |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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|--|---|-----------------------------|---|--------|-------------------------------|
| ----- | | | | | |
| TRANSPORTATION, DISTRIBUTION & LOGISTICS CAREER PATH | | | | | |
| ----- | | | | | |
| 8715140 | AVIATION MAINT GEN 4 Aviation Maintenance General 4/Level 1 3 | /Y | VO | 1.0 | |
| I470622 | AVIATION POWPL MECH Aviation Powerplant Mechanics | 30,31 / | | | AIR MECH @7 G |
| I470199 | AVIONICS Avionics | 30,31 / | | | ELECTRONIC @7 G AVIONICS @7 G |
| 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 |
| 8742000 | HVY DUTY TRK & BS Heavy Duty Truck and Bus | 9-12,30,31 / | | | DIESEL MEC @7 G |

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

|TRANSPORTATION, DISTRIBUTION & LOGISTICS CAREER PATH |

| | | | | | |
|---------|--|-------|----|-----|-----------------|
| 8742010 | DIESEL ENGN SER 1 Diesel Engine Service 1/Level 2 | /Y | VO | 1.0 | |
| 8742020 | DIESEL ENGN SER 2 Diesel Engine Service 2/Level 2 | /Y | VO | 1.0 | |
| 8742030 | DIESEL ENGN SER 3 Diesel Engine Service 3/Level 2 | /Y | VO | 1.0 | |
| 8742040 | DIESEL ENGN SER 4 Diesel Engine Service 4/Level 2 | /Y | VO | 1.0 | |
| 8742050 | DIESEL ENGN SER 5 Diesel Engine Service 5/Level 2 | /Y | VO | 1.0 | |
| 8742060 | DIESEL ENGN SER 6 Diesel Engine Service 6/Level 2 | /Y | VO | 1.0 | |
| 8742070 | DIESEL ENGN SER 7 Diesel Engine Service 7/Level 2 | /Y | VO | 1.0 | |
| 8742080 | DIESEL ENGN SER 8 Diesel Engine Service 8/Level 2 | /Y | VO | 1.0 | |
| 8742090 | DIESEL ENGN SER 9 Diesel Engine Service 9/Level 2 | /Y | VO | 1.0 | |
| 8742091 | DIESEL ENGN SER 10 Diesel Engine Service 10/Level 2 | /Y | VO | 1.0 | |
| 8742092 | DIESEL ENGN SER 11 Diesel Engine Service 11/Level 2 | /Y | VO | 1.0 | |
| 8742093 | DIESEL ENGN SER 12 Diesel Engine Service 12/Level 2 | /Y | VO | 1.0 | |
| I470605 | HVY DUTY TRK&BS MECH Heavy Duty Truck and Bus Mechanics | 30,31 | / | | DIESEL MEC @7 G |
| I470302 | HVY EQUIPMENT MECH Heavy Equipment Mechanics | 30,31 | / | | DIESEL MEC @7 G |
| I47030R | HVY EQUIP MECH -APPR Heavy Equipment Mechanics - Apprent iceship | 30,31 | / | | DIESEL MEC @7 G |

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|--|---|-----------------------------|---|---------------|-------------------|
| ----- | | | | | |
| TRANSPORTATION, DISTRIBUTION & LOGISTICS CAREER PATH | | | | | |
| ----- | | | | | |
| I490202 | HVY EQUIPMENT OPERAT Heavy Equipment Operation | 30,31 / | | OPER ENGR @7 | G |
| I49020R | HVY EQUIP OP-APPR Heavy Equipment Operation - Apprent iceship | 30,31 / | | OPER ENGR @7 | G |
| 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 | |
| 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 |
| I470616 | MOTORCYCLE SERV TECH Motorcycle Service Technology | 30,31 / | | MOTORCYCLE @7 | G |
| I470698 | REC VEH SERVICE TECH Recreational Vehicle Service Techni cian | 30,31 / | | REC VEH SR @7 | G |

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|------------------------------|--|-----------------------------|---|--------|---------------|
|------------------------------|--|-----------------------------|---|--------|---------------|

| TRANSPORTATION, DISTRIBUTION & LOGISTICS CAREER PATH |

| | | | | | |
|---------|--|---------|--|--|----------------|
| I470613 | TRC&TRK BD RPR & REF Tractor and Trailer Body Repair and Refinishing | 30,31 / | | | AUTO BODY @7 G |
|---------|--|---------|--|--|----------------|

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

| | | | | | |
|---------|--|--------------|-------|-----|----------------------------------|
| 8744000 | ACA OF PUBLIC WORKS Academy of 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 | ACA OF PUBLIC WORKS Academy of Public Works | 30,31 / | | | ANY VOCATIONAL FIELD OR COVERAGE |
| I490105 | AIR TRAFFIC CONTROL Air Traffic Control | 30,31 / | | | AIR CONT @7 G |
| I490251 | CMCL CLASS B DRIVING Commercial Class B Driving | 30,31 / | | | COMM DRIV @7 G |
| 8751200 | COMM FISH Commercial Fishing | 9-12,30,31 / | | | COMM FISH @7 G |

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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|--|---|-----------------------------|--|--------|-------------------------------|
| ----- | | | | | |
| TRANSPORTATION, DISTRIBUTION & LOGISTICS CAREER PATH | | | | | |
| ----- | | | | | |
| 8751210 | COMM FISH 1 Commercial Fishing 1/Level 2 | /Y | VO | 1.0 | |
| 8751220 | COMM FISH 2 Commercial Fishing 2/Level 2 | /Y | VO | 1.0 | |
| 8751230 | COMM FISH 3 Commercial Fishing 3/Level 2 | /Y | VO | 1.0 | |
| 8751240 | COMM FISH 4 Commercial Fishing 4/Level 2 | /Y | VO | 1.0 | |
| 8751250 | COMM FISH 5 Commercial Fishing 5/Level 2 | /Y | VO | 1.0 | |
| I490303 | COMMERCIAL FISHING Commercial Fishing | 30,31 / | | | COMM FISH @7 G |
| I490205 | CMCL VEHICLE DRIVING Commercial Vehicle Driving | 30,31 / | | | COMM DRIV @7 G |
| I490215 | SCHOOL BUS DR TRAIN School Bus Driver Training | 30,31 / | | | SC BS DR T @7 G |
| I490203 | WST CLC EQUIP OPER Solid Waste Collection Equipment Operator | 30,31 / | | | COMM DRIV @7 G OPER ENGR @7 G |
| ----- | | | | | |
| HEALTH, SAFETY & ENVIRONMENTAL MANAGEMENT (TRPF) | | | | | |
| ----- | | | | | |
| I150799 | MINE SAFETY & HEALTH Mine Safety and Health | 30,31 / | | | MSHA @7 G |

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|---|--|-----------------------------|--|--------|--|
| ----- | | | | | |
| RELATED CAREER AND TECHNICAL EDUCATION PROGRAMS/COURSES | | | | | |
| ----- | | | | | |
| DIVERSIFIED | | | | | |
| ----- | | | | | |
| D886700 | C & T REL BAS SK Career and Technical Related Basic Skills | 30,31 / | SCIENCE @4 ENGLISH 1 @4 MG ENG C | | PHYSICS 1 @4 MATH 1 @4 MG MATH C |
| D886200 | COOP DIV ED-OJT Cooperative Diversified Education- OJT | 30,31 / | ANY VOCATIONAL FIELD OR COVERAGE COOR DCT @4 @7 TEACH CDE @7 | | SPECLIZ TC \$7 COOP TEACH @7 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 |
| 8300420 | COOP DIV ED-OJT Cooperative Diversified Education- OJT/Level 2 | 9-12,30,31 /M | VO MULTIPLE COOR DCT @4 @7 TEACH CDE @7 | | SPECLIZ TC \$7 COOP TEACH @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 |
| 8303000 | DIV CAR TECH Diversified Career Technology | 9-12,30,31 / | COOR DCT @4 @7 TEACH CDE @7 | | SPECLIZ TC \$7 COOP TEACH @7 ANY VOC FIELD OR COVERAGE/TC COOP ED E G ANY FIELD/BACHELORS OR HIGHER CERT/TC WK EXP E G COOR WK EX @7 |
| 8303010 | DIV CAREER TECH PRIN Diversified Career Technology Princ iples/Level 2 | /Y | VO | 1.0 | |
| 8303020 | DIV CAR TECH APPL Diversified Career Technology Appli cations/Level 2 | /Y | VO | 1.0 | |
| 8303030 | DIV CAR TECH MGMT Diversified Career Technology Manag ement/Level 2 | /Y | VO | 1.0 | |

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|---|--|-----------------------------|--|-----------------|--------|--|
| ----- | | | | | | |
| RELATED CAREER AND TECHNICAL EDUCATION PROGRAMS/COURSES | | | | | | |
| ----- | | | | | | |
| 8300410 | DIV CAR TECH-OJT Diversified Career Technology OJT/L evel 2 | /M | VO | MULTIPLE | | |
| D886100 | DIV CAR TECH Diversified Career Technology | 30,31 / | | | | COOR DCT @4 @7 SPECLIZ TC \$7 TEACH CDE @7 COOP TEACH @7 ANY VOC FIELD OR COVERAGE/TC COOP ED E G ANY FIELD/BACHELORS OR HIGHER CERT/TC WK EXP E G COOR WK EX @7 |
| 8300100 | DIV ED DIR STUDY Diversified Education Directed Stud y/Level 2 | 11-12,30,31/M | VO | MULTIPLE | | ANY VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER |
| 9100210 | EX CAR OCCS Exploration of Career Occupations | 6-9,30,31 /S | VO | | 0.5 | ANY VOCATIONAL FIELD OR COVERAGE COOR WK EX @7 ANY FIELD/BACHELORS OR HIGHER CERT/TC WK EXP E G ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER TC WK EXP |
| 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 | MULTIPLE | | 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 OR HIGHER |
| 9100110 | ORIEN CAR OCCS & CP Orientation to Career Occupations a nd Career Planning | 6-9,30,31 /S | VO | | 0.5 | ANY VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR OR 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 OR 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 |

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| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|---|--|-----------------------------|---|----------|---|
| ----- | | | | | |
| RELATED CAREER AND TECHNICAL EDUCATION PROGRAMS/COURSES | | | | | |
| ----- | | | | | |
| 8301610 | WORK EXP 1 Work Experience 1/Level 2 | /Y | VO | 1.0 | |
| 8301620 | WORK EXP 2 Work Experience 2/Level 2 | /Y | VO | 1.0 | |
| 8301630 | WORK EXP 3 Work Experience 3/Level 2 | /Y | VO | 1.0 | |
| 8301640 | WORK EXP 4 Work Experience 4/Level 2 | /Y | VO | 1.0 | |
| 8301650 | WORK EXP-OJT Work Experience-OJT | /M | VO | MULTIPLE | |
| D988650 | WKPL ESSENTIALS Workplace Essentials | 30,31 / | | | ANY VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR OR 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 OR HIGHER |
| 8300330 | WKPL TECH APPL Workplace Technology Applications/L evel 2 | 9-12,30,31 /S | VO | 0.5 | ANY VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER |
| INSTRUCTIONAL SUPPORT SERVICES (SPECIAL NEEDS) | | | | | |
| ----- | | | | | |
| S990004 | SUP COMPE EMP AD DIS Supported Competitive Employment fo r Adults W/Disabilities (Phase I) | 30,31 / | | | ANY FIELD |
| 9001810 | VOC ED STUS DISAB Vocational Education for Students With Disabilities | 7-12,30,31 /M | VO | MULTIPLE | ANY VOCATIONAL FIELD OR COVERAGE |
| S990002 | VOC ED STUS DISAB Vocational Education for Students w ith Disabilities | 30,31 / | | | ANY VOCATIONAL FIELD OR COVERAGE |
| 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 OR HIGHER |

SECTION 5

CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|---|--|-----------------------------|--|--------|---|
| ----- | | | | | |
| RELATED CAREER AND TECHNICAL EDUCATION PROGRAMS/COURSES | | | | | |
| ----- | | | | | |
| 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 OR 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 |
| 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 - Ag riculture and Natural Resources | 30,31 /M | | | ANY FIELD |
| E91010B | CWE - BUS TECH Continuing Workforce Education - Bu siness Technology | 30,31 /M | | | ANY FIELD |
| E91010V | CWE - FAM & CONS SCI Continuing Workforce Education - Fa mily and Consumer Sciences | 30,31 /M | | | ANY FIELD |
| E91010H | CWE - HEALTH SCI Continuing Workforce Education - He alth Science | 30,31 /M | | | ANY FIELD |
| E91010I | CWE - IND Continuing Workforce Education - In dustrial | 30,31 /M | | | ANY FIELD |
| E91010M | CWE - MARKETING Continuing Workforce Education - Ma rketing | 30,31 /M | | | ANY FIELD |

SECTION 5

CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

| PROGRAM/ COURSE NUMBER | ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/ CRSE LENGTH | COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS | CREDIT | CERTIFICATION |
|---|---|-----------------------------|---|--------|----------------------------------|
| ----- | | | | | |
| RELATED CAREER AND TECHNICAL EDUCATION PROGRAMS/COURSES | | | | | |
| ----- | | | | | |
| E91010P | CWE - PUB SERV Continuing Workforce Education - Pu blic 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 |
| 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 |

SECTION 5

CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

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

|RELATED CAREER AND TECHNICAL EDUCATION PROGRAMS/COURSES |

| | | | | | | |
|---------|--|--|-------|--|--|----------------------------------|
| 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 |