

Framework for State of Maine Career Clusters and Pathways

Agriculture and Natural Resources

Natural Resources Systems

- 03.0511 Pulp and Paper Technology (KV)
- 31.0101 Adventure Recreation and Tourism (WC)



- 03.0201 Natural Resources Management and Policy
- 03.0511 Forest Harvest and Product Technology
- 31.0301 Parks and Recreation Facilities Management

Plant Systems

- 01.0601 Horticulture (SM)



- 01.0304 Crop Production
- 01.0601 Applied Horticulture

Power Structure and Technical Systems

- 01.0205 Agriculture Mechanization, General [Secondary]

Architecture, Construction, and Manufacturing

Construction

- 46.0000 Building Construction (WC)
- 46.0201 Residential Construction (NM, SM)
- 46.0302 Electrician Tech (EM, KV, NM, SM, WC)
- 46.0303 Electrical Lineworker Tech (KV)
- 46.0503 Plumbing (NM, SM, WC)
- 46.9999 Plumbing and Heating (NM)
- 47.0201 Heating (NM, SM, WC)
- 49.0202 Heavy Equipment Operations (SM, WC)
- 46.9999 Trade and Technical Occupations (CM, EM, NM, SM, WC, YC)



- 46.0000 Construction Trades
- 46.0101 Mason/Masonry
- 46.0201 Carpentry
- 46.0302 Electrician
- 46.0503 Plumbing Technology
- 49.0202 Construction Equipment Operator

Design/Pre-Construction

- 15.0201 Arch and Civil Engineering Tech (CM, EM)
- 15.0303 Electronics and Computer Tech (KV, SM)
- 15.0403 Electromechanical Tech (CM)
- 15.0501 Air Conditioning and Refrigeration (SM)
- 15.1001 Building Construction Tech (CM)
- 15.1301 CADD/CAD Tech (EM, NM, SM, YC)
- 15.1399 CADD (KV)



- 15.1301 Drafting and Design Technology
- 15.1302 CAD/CADD Drafting
- 15.1303 Mechanical Drafting

Maintenance, Installation, and Repair

- 15.0613 Multi-Axis Machining (SM)
- 15.1201 Computer Technology (SM)
- 47.0104 Computer Technology (CM, NM)



- 15.0613 Manufacturing Technology
- 47.0101 Electrical/Electronics Equipment Repair
- 47.0104 Computer Installation and Repair

Maintenance/Operations

- 47.0302 Heavy Equipment Maintenance (EM, WC)
- 47.0399 Wind Power Technology (NM)



- 47.0302 Heavy Equipment Maintenance and Repair
- 49.0202 Construction Equipment Operator

Production

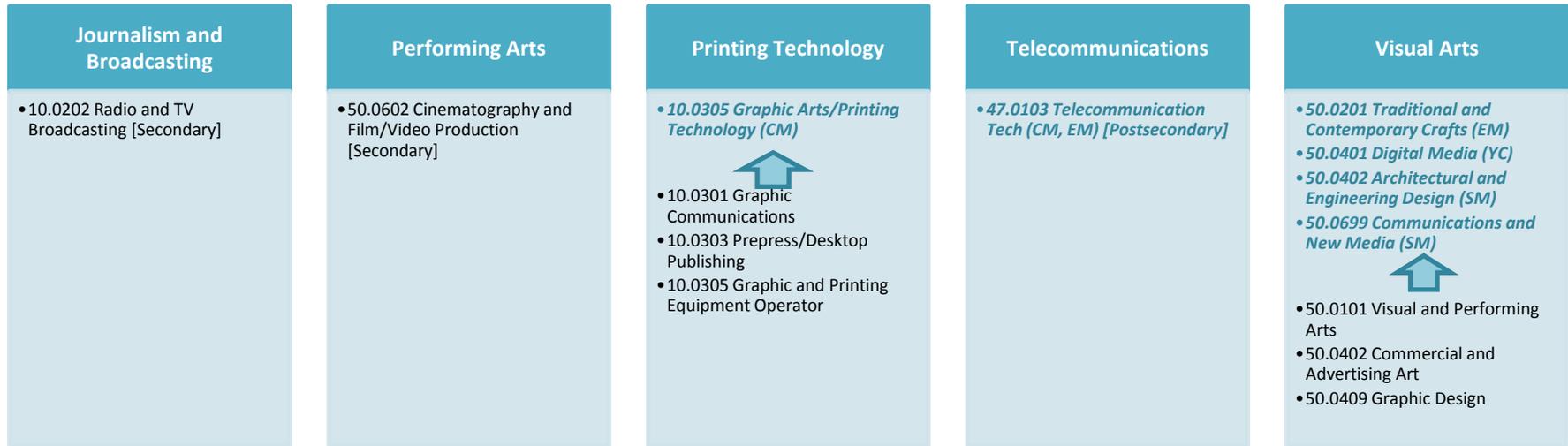
- 48.0501 Machine Tool Technology (CM, EM, KV, NM, SM)
- 48.0508 Welding (NM, WC)
- 48.0599 Precision Metals Manufacturing (NM)



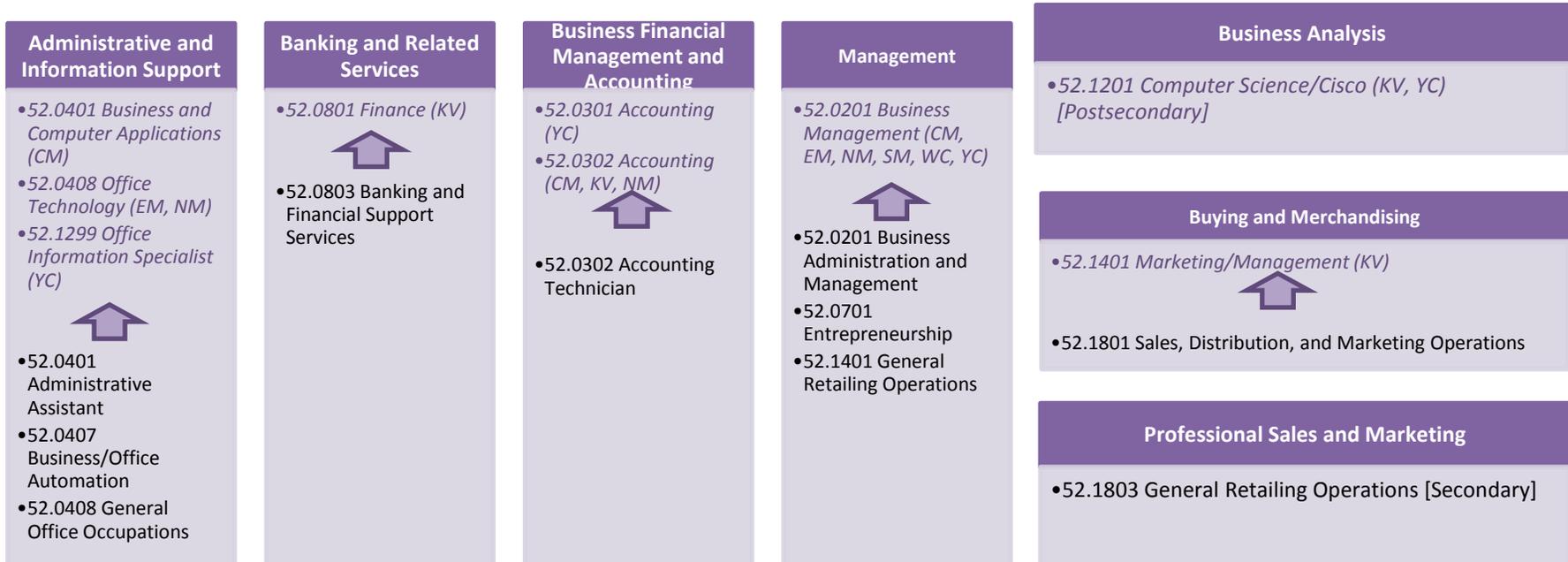
- 48.0501 Machine Tool Technology
- 48.0506 Sheet Metal Technology
- 48.0508 Welding

Framework for State of Maine Career Clusters and Pathways

Arts, Audio/Video Technology, and Communications



Business, Management, and Administration, Finance, Marketing, Sales, and Service



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Health and Human Services

Therapeutic Services

- 51.0000 Health Science (KV)
- 51.0801 Medical Assistant (CM, EM, KV, NM, SM, WC)
- 51.0803 Occupational Therapy Assistant (KV)
- 51.0806 Physical Therapy Assistant (KV)
- 51.0901 Cardiovascular Technology (SM)
- 51.0904 Advanced Emergency Care (KV, NM, SM)
- 51.0905 Radiation Therapy (SM)
- 51.0907 Radiology Technology (CM, EM, SM)
- 51.0908 Respiratory Therapy Technology (KV, SM)
- 51.0909 Surgical Technology (EM, SM)
- 51.0910 Sonography (KV)
- 51.0911 Radiologic Technology (KV)
- 51.1601 Nursing (CM, EM, KV, NM, SM, YC)
- 51.1613 Practical Nursing (CM, EM, KV, NM)
- 51.3104 Dietetic Technology (SM)
- 51.3501 Massage Therapy (KV)
- 54.0904 Emergency Medical Services (EM)



- 51.0000 Health Services/Allied Health
- 51.1614 Nursing Assistant/Aide

Counseling and Mental Health Services

- 51.1599 Mental Health (KV, SM)
[Postsecondary]

Family and Community Services

- 44.0701 Human Services (CM)
[Postsecondary]

Diagnostics Services

- 26.1201 Biotechnology (SM)
- 41.0101 Biological Sciences (KV)



- 41.0101 Biology Technician

Health Informatics

- 51.0707 Health Information Tech/Med Coding (KV)*
- 51.0708 Medical Transcription (CM, EM)*
- 51.0710 Healthcare Secretary (EM)*
- 51.0713 Medical Coding (CM, NM)*
- 51.0716 Medical Office Management (KV, NM, WC)*

*Postsecondary

Education and Public Service

Early Childhood Development and Services

- 13.1013 Education Program--Autism (KV)
- 13.1201 Early Childhood Education (SM)
- 13.1501 Education (CM, EM, KV, WC, YC)
- 19.0706 Early Childhood Education (CM, EM, KV, NM, WC, YC)



- 19.0709 Child Care Provider/Assistant

Public Safety and Security

Law Enforcement Services

- 43.0100 Criminal Justice (CM)
- 43.0104 Criminal Justice (YC)
- 43.0107 Criminal Justice (SM)
- 43.0201 Fire Science Tech (EM, SM)



- 43.0000 Security and Protective Services
- 43.0107 Criminal Justice/Police Science

Framework for State of Maine Career Clusters and Pathways

Science, Technology, Engineering, Mathematics (STEM) and Information Technology

Engineering and Technology

- 14.1801 Composite Manufacturing*
- 15.0000 Engineering Technology*

*Secondary

Information Support Systems

- 11.0201 Computer Programming (EM)
- 11.0901 Computer Systems Technology (EM)



- 11.0103 Computer and Information Sciences
- 47.0101 Electrical/Electronics Equipment Repair
- 47.0104 Computer Installation and Repair

Science and Mathematics

- 40.0607 Marine Biology and Oceanography (SM)*
- 45.0702 Geographic Information Systems (KV)*

*Postsecondary

Transportation

Facility and Mobile Equipment Maintenance

- 47.0199 Marine Electronics (KV)
- 47.0603 Automotive Collision Repair (NM)
- 47.0604 Automotive Technology (CM, EM, NM, SM, WC)
- 47.0605 Engine Specialist (WC)
- 47.0606 Small Engine Mechanics
- 47.0616 Marine Maintenance/Fitter
- 47.0699 Diesel Hydraulics Technology (NM)
- 47.9999 Mechanical Technology (WC)
- 49.0202 Heavy Equipment Operations (SM, WC)



- 47.0603 Automotive Body Repair
- 47.0604 Automotive Mechanic/Technician
- 47.0606 Small Engine Mechanic/Repairer
- 47.0616 Marine Maintenance/Fitter
- 49.0202 Construction Equipment Operator

Transportation Operations

- 49.0205 Truck and Bus Driver/CDL [Secondary]

Transportation Sales and Services

- 52.1907 Automotive Parts and Service Management (CM) [Postsecondary]

Hospitality and Tourism

Restaurants and Food/Beverage Services

- 12.0503 Culinary Arts (CM, EM, SM, YC)
- 12.0504 Restaurant and Food Service Management (EM, WC)
- 12.0505 Food Preparation



- 12.0503 Culinary Arts
- 12.0505 Food Preparation

Recreation, Amusements, and Attractions

- 52.0901 Hotel/Restaurant Operations (YC)*
- 52.0904 Lodging and Restaurant Management (SM)*

*Postsecondary

Maine Community College System

- CM: Central Maine Community College
- EM: Eastern Maine Community College
- KV: Kennebec Valley Community College
- NM: Northern Maine Community College
- SM: Southern Maine Community College
- WC: Washington County Community College