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</tbody>
</table>

### Manufacturing
- 47.0101 Electrical/Electronics Equipment Installation and Repair General
- 48.0501 Machine Tool Technology/Machinist
- 48.0508 Welding, Brazing and Soldering
- 48.0701 Woodworking General

### Transportation, Distribution & Logistics
- 47.0399 Heavy/Industrial Equipment Maintenance Technologies
- 47.0603 Collision Repair Technician (ASE Certified)
- 47.0604 Automobile Technician (ASE Certified)
- 47.0606 Small Engine & Related Equipment Repair
- 47.0607 Airframe Technology
- 47.0608 Power Plant Technology (Aircraft)
- 47.0609 Avionics Maintenance Technology
- 47.0613 Medium/Heavy Truck Technician (ASE Certified)
- 49.0101 Aeronautics/Aviation/Aerospace Science & Technology

### Business, Management & Administration
- 52.0299 Business Administration Management and Operations
- 52.0800 Finance and Financial Management Services
- 52.1701 Insurance

### Information Technology
- 11.0201 Computer Programming/Programmer
- 11.0801 Digital/Multimedia and Information Resources Design
- 11.0901 Computer Systems Networking and Telecommunications
- 11.1001 System Administration/Administrator

### Architecture & Construction
- 15.1301 Drafting & Design Technology/Architectural
- 19.0605 Home Furnishings Equipment Installers and Consultants
- 46.0000 Construction Trades
- 46.0301 Electrical and Power Transmission Installation
- 46.0503 Plumbing Technology

### Arts, A/V Technology & Communications
- 10.0201 Radio & Television Broadcasting Technology
- 10.0301 Graphics and Printing Technology and Communications
- 19.0906 Fashion Design

### Education & Training
- 13.0000 Education General

### Family & Consumer Sciences
- 19.0000 Family and Consumer Sciences

### Government & Public Administration
- 28.0301 Army (JROTC)

### Human Services
- 12.0400 Cosmetology

### Law, Public Safety, Corrections & Security Career Cluster
- 43.0100 Public Safety/Protective Services

### Science, Technology, Engineering and Mathematics
- 14.4201 Mechatronics
- 15.0000 Engineering Technology
- 15.1306 Mechanical Drafting

### Health Science
- 26.0102 Biotechnology Medical Sciences
- 51.0000 Therapeutic Services
- 51.0707 Health Informatics
- 51.1000 Diagnostic Services

### Agriculture, Food & Natural Resources
- 01.0000 Agriculture, Agricultural Operations and Related Sciences
- 01.0601 Applied Horticulture and Horticultural Operations
- 01.0903 Animal Health & Veterinary Sciences
- 03.0000 Natural Resources and Conservation
- 26.1201 Biotechnology

### Hospitality & Tourism
- 12.0500 Cooking and Related Culinary Arts, General

### Marketing
- 52.1999 Specialized Merchandising, Sales, and Marketing Operations, Other

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* = Not available for New Program Applications

**Michigan Department of Education**
Office of Career and Technical Education
Career Cluster and CIP Codes by CTE Curriculum Consultants

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