

Michigan Department of Education  
Office of Career and Technical Education  
Career Cluster and CIP Code

\* Not Available for New Program Applications

### Agriculture, Food & Natural Resources

CIP Code	CIP Code Name
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

### Architecture & Construction

CIP Code	CIP Code Name
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
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration

### Arts, A/V Technology & Communications

CIP Code	CIP Code Name
10.0202	Radio & Television Broadcasting Technology
10.0301	Graphics and Printing Technology and Communications
19.0906*	Fashion Design
50.0101	Visual & Performing Arts

### Business, Management & Administration

CIP Code	CIP Code Name
52.0299	Business Administration Management and Operations

### Education & Training

CIP Code	CIP Code Name
13.0000	Education General

### Energy

CIP Code	CIP Code Name
46.0303	Lineworker
46.0502	Plumbing-Pipefitter and Sprinkler Fitter

### Family & Consumer Sciences (not a career cluster)

CIP Code	CIP Code Name
19.0000*	Family and Consumer Sciences

## Finance

CIP Code	CIP Code Name
52.0800	Finance and Financial Management Services
52.1701	Insurance

## Government & Public Administration

CIP Code	CIP Code Name
28.0301	Army (JROTC)

## Health Science

CIP Code	CIP Code Name
26.0102	Biomedical Sciences, General
51.0000	Health Sciences/Allied Health/Health Sciences, General
51.0707	Health Information/Medical Records Technology/Technician
51.1000	Clinical/Medical Laboratory Science/Research and Allied Professions

## Hospitality & Tourism

CIP Code	CIP Code Name
12.0500	Cooking and Related Culinary Arts, General
52.0901	Hospitality Administration/Management, General

## Human Services

CIP Code	CIP Code Name
12.0400	Cosmetology

## Information Technology

CIP Code	CIP Code Name
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
11.1003	Computer and Information Systems Security/Information Assurance

## Law, Public Safety, Corrections & Security

CIP Code	CIP Code Name
43.0100	Public Safety/Protective Services

## Manufacturing

CIP Code	CIP Code Name
47.0101	Electrical/Electronics Equipment Installation and Repair
48.0501	Machine Tool Technology/Machinist
48.0508	Welding, Brazing and Soldering
48.0701	Woodworking General

## Marketing

CIP Code	CIP Code Name
52.1999	Specialized Merchandising, Sales, and Marketing Operations, Other

## Science, Technology, Engineering and Mathematics

CIP Code	CIP Code Name
14.4201	Mechatronics
15.0000	Engineering Technology
15.1306	Mechanical Drafting

## Transportation, Distribution & Logistics

CIP Code	CIP Code Name
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 and Technology
49.0102	Airline/Commercial/Professional Pilot and Flight Crew