

Michigan Department of Education  
Office of Career and Technical Education  
State-Recognized CTSOs by Career Cluster and CIP Code  
2021-2022

\* Not Available for New Program Applications

### Agriculture, Food & Natural Resources

CIP Code	CIP Code Name	CTSO
01.0000	Agriculture, Agricultural Operations and Related Sciences	FFA
01.0601	Applied Horticulture and Horticultural Operations	FFA
01.0903	Animal Health & Veterinary Sciences	FFA
03.0000	Natural Resources and Conservation	FFA
26.1201	Biotechnology	FFA

### Architecture & Construction

CIP Code	CIP Code Name	CTSO
15.1301	Drafting & Design Technology/Architectural	SkillsUSA
19.0605*	Home Furnishings Equipment Installers and Consultants	FCCLA/SkillsUSA
46.0000	Construction Trades	SkillsUSA
46.0301	Electrical and Power Transmission Installation	SkillsUSA
46.0503	Plumbing Technology	SkillsUSA
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration	SkillsUSA

### Arts, A/V Technology & Communications

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

### Business, Management & Administration

CIP Code	CIP Code Name	CTSO
52.0299	Business Administration Management and Operations	BPA

### Education & Training

CIP Code	CIP Code Name	CTSO
13.0000	Education General	FCCLA

### Energy

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

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

CIP Code	CIP Code Name	CTSO
19.0000*	Family and Consumer Sciences	FCCLA

## Finance

CIP Code	CIP Code Name	CTSO
52.0800	Finance and Financial Management Services	BPA/DECA
52.1701	Insurance	BPA

## Government & Public Administration

CIP Code	CIP Code Name	CTSO
28.0301	Army (JROTC)	SkillsUSA

## Health Science

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

## Hospitality & Tourism

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

## Human Services

CIP Code	CIP Code Name	CTSO
12.0400	Cosmetology	SkillsUSA

## Information Technology

CIP Code	CIP Code Name	CTSO
11.0201	Computer Programming/Programmer	BPA
11.0801	Digital/Multimedia and Information Resources Design	BPA
11.0901	Computer Systems Networking and Telecommunications	BPA
11.1001	System Administration/Administrator	BPA
11.1003	Computer and Information Systems Security/Information Assurance	BPA

## Law, Public Safety, Corrections & Security

CIP Code	CIP Code Name	CTSO
43.0100	Public Safety/Protective Services	SkillsUSA

## Manufacturing

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

## Marketing

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

## Science, Technology, Engineering and Mathematics

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

## Transportation, Distribution & Logistics

CIP Code	CIP Code Name	CTSO
47.0399	Heavy/Industrial Equipment Maintenance Technologies	SkillsUSA
47.0603	Collision Repair Technician (ASE Certified)	SkillsUSA
47.0604	Automobile Technician (ASE Certified)	SkillsUSA
47.0606	Small Engine & Related Equipment Repair	SkillsUSA
47.0607	Airframe Technology	SkillsUSA
47.0608	Power Plant Technology (Aircraft)	SkillsUSA
47.0609	Avionics Maintenance Technology	SkillsUSA
47.0613	Medium/Heavy Truck Technician (ASE Certified)	SkillsUSA
49.0101	Aeronautics/Aviation/Aerospace Science and Technology	SkillsUSA
49.0102	Airline/Commercial/Professional Pilot and Flight Crew	SkillsUSA