

**Michigan Department of Education
Office of Career and Technical Education**

School Courses for the Exchange of Data Codes
SCED Codes
for State-Recognized Secondary Career and Technical Education
Program CIP Codes by Federal Career Cluster and Federal CIP Codes

Agriculture, Food & Natural Resources

CIP Code	Program	SCED Code
01.0000	Agriculture, Agricultural Operations and Related Sciences	18002
01.0601	Applied Horticulture and Horticultural Operations	18052
01.0903	Animal Health & Veterinary Sciences	18105
03.0000	Natural Resources and Conservation	18504
26.1201	Biotechnology	18308

Architecture & Constructions

CIP Code	Program	SCED Code
15.1301	Drafting & Design Technology/Architectural	21102
19.0605	Home Furnishings Equipment Installers and Consultants	19205
46.0000	Construction Trades	17002
46.0301	Electrical and Power Transmission Installation	17102
46.0503	Plumbing Technology	17058
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration	17056

Arts, A/V Technology & Communications

CIP Code	Program	SCED Code
10.0202	Radio & Television Broadcasting Technology	11051
10.0301	Graphics and Printing Technology and Communications	11155
19.0906	Fashion Design	19201
50.0101	Visual & Performing Arts	05053

Business, Management & Administration

CIP Code	Program	SCED Code
52.0299	Business Administration Management and Operations	12052

Education & Training

CIP Code	Program	SCED Code
13.0000	Education General	19151

Energy

CIP Code	Program	SCED Code
46.0303	Line Worker	17108

Family & Consumer Sciences (not a career cluster)

CIP Code	Program	SCED Code
19.0000	Family and Consumer Sciences	19251

Finance

CIP Code	Program	SCED Code
52.0800	Finance and Financial Management Services	12104
52.1701	Insurance	12106

Government & Public Administration

CIP Code	Program	SCED Code
28.0301	Army (JROTC)	09002

Health Science

CIP Code	Program	SCED Code
26.0102	Biotechnology Medical Sciences	14252
51.0000	Therapeutic Services	14002
51.0707	Health Informatics	14157
51.1000	Diagnostic Services	14105

Hospitality & Tourism

CIP Code	Program	SCED Code
12.0500	Cooking and Related Culinary Arts, General	16052

Human Services

CIP Code	Program	SCED Code
12.0400	Cosmetology	19101

Information Technology

CIP Code	Program	SCED Code
11.0201	Computer Programming/Programmer	10152
11.0801	Digital/Multimedia and Information Resources Design	10201
11.0901	Computer Systems Networking and Telecommunications	10102
11.1001	System Administration/Administrator	10051
11.1003	Computer and Information Systems Security/Information Assurance	10108

Law, Public Safety, Corrections & Security

CIP Code	Program	SCED Code
43.0100	Public Safety/Protective Services	15001

Manufacturing

CIP Code	Program	SCED Code
47.0101	Electrical/Electronics Equipment Installation and Repair General	13102
48.0501	Machine Tool Technology/Machinist	13203
48.0508	Welding, Brazing and Soldering	13207
48.0701	Woodworking General	13054

Marketing

CIP Code	Program	SCED Code
52.1999	Specialized Merchandising, Sales, and Marketing Operations, Other	12164

Science, Technology, Engineering and Mathematics

CIP Code	Program	SCED Code
14.4201	Mechatronics	21010
15.0000	Engineering Technology	21005
15.1306	Mechanical Drafting	21106

Transportation, Distribution & Logistics

CIP Code	Program	SCED Code
47.0399	Heavy/Industrial Equipment Maintenance Technologies	20112
47.0603	Collision Repair Technician (ASE Certified)	20116
47.0604	Automobile Technician (ASE Certified)	20104
47.0606	Small Engine & Related Equipment Repair	20110
47.0607	Airframe Technology	20114
47.0608	Power Plant Technology (Aircraft)	20113
47.0609	Avionics Maintenance Technology	20053
47.0613	Medium/Heavy Truck Technician (ASE Certified)	20107
49.0101	Aeronautics/Aviation/Aerospace Science and Technology	20053

National Center for Education Statistics: <https://nces.ed.gov/forum/SCED.asp>

Select - **Current SCED File**: SCED Version 2.0 Downloadable File