

## **SECTION 61b TOP 5 CAREER CLUSTERS & ELIGIBLE CIP CODES**

### **2024-25 to 2028-29 Academic Years**

**NOTE:** The Clusters and Classification of Instructional Program (CIP) codes below are based on the revised strategic plans done by the sixteen workforce development board service delivery areas and approved by MDE - OCTE in December of 2023.

All CIP codes listed below are eligible for 61b funding in any region in Michigan, as they have been identified as a Top 5 CIP, by at least one workforce development board.

### **TOP 5 CAREER CLUSTERS AND CIP CODES**

#### **AGRICULTURE, FOOD AND NATURAL RESOURCES (4)**

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

#### **ARCHITECTURE & CONSTRUCTION (10)**

- 15.1301 Drafting and Design Technology/Architectural
- 19.0605 Home Furnishings Equipment Installers and Consultants (Not available for New Program Applications)
- 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 (2)**

- 10.0202 Radio and Television Broadcasting Technology
- 10.0301 Graphics and Printing Technology and Communications
- 19.0906 Fashion Design (Not available for New Program Applications)
- 50.0101 Visual and Performing Arts

#### **BUSINESS, MANAGEMENT & ADMINISTRATION (6)**

- 52.0299 Business Administration Management and Operations

#### **EDUCATION & TRAINING (6)**

- 13.0000 Education General

#### **FINANCE (1)**

- 52.0800 Finance and Financial Management Services
- 52.1701 Insurance

## **HEALTH SCIENCE (16)**

- 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 (1)**

- 12.0500 Cooking and Related Culinary Arts, General
- 52.0901 Hospitality Administration/Management, General

## **INFORMATION TECHNOLOGY (7)**

- 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 & SECURITY (1)**

- 43.0100 Public Safety/Protective Services

## **MANUFACTURING (14)**

- 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 (5)**

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

## **SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS (STEM) (5)**

- 14.4201 Mechatronics
- 15.0000 Engineering Technology
- 15.1306 Mechanical Drafting

## **TRANSPORTATION, DISTRIBUTION & LOGISTICS (2)**

- 47.0399 Heavy/Industrial Equipment Maintenance Technologies
- 47.0603 Collision Repair Technician (ASE Certified)
- 47.0604 Automobile Technician (ASE Certified)
- 47.0606 Small Engine and 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

*(#) Total Number of times the career cluster is identified in the Top 5 of the sixteen workforce development board service delivery areas.*

## **NOT FUNDED CAREER CLUSTERS AND CIP CODES**

All CIP codes listed below are ineligible for 61b funding in any region in Michigan as they have *not* been identified as a Top 5 CIP, by at least one workforce development board.

### **ENERGY**

- 46.0303 Lineworker
- 46.0502 Plumbing-Pipefitter and Sprinkler Fitter

### **GOVERNMENT & PUBLIC ADMINISTRATION**

- 28.0301 Army (JROTC)

### **HUMAN SERVICES**

- 12.0400 Cosmetology