

Approved Classification of Instructional Programs (CIP) Codes



The following CIP codes define in-scope training pathways.

CIP Code	Description
14.3601	Manufacturing Engineering
14.4101	Electromechanical Engineering
14.4201	Mechatronics, Robotics, and Automation Engineering
15.0000	Engineering Technologies/Technicians, General
15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician
15.0304	Laser and Optical Technology/Technician
15.0305	Telecommunications Technology/Technician
15.0306	Integrated Circuit Design Technology/Technician
15.0399	Electrical/Electronic Engineering Technologies/Technicians, Other
15.0401	Biomedical Technology/Technician
15.0403	Electromechanical/Electromechanical Engineering Technology/Technician
15.0404	Instrumentation Technology/Technician
15.0405	Robotics Technology/Technician
15.0406	Automation Engineer Technology/Technician
15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician
15.0499	Electromechanical Technologies/Technicians, Other
15.0612	Industrial Technology/Technician
15.0613	Manufacturing Engineering Technology/Technician
15.0614	Welding Engineering Technology/Technician
15.0615	Chemical Engineering Technology/Technician
15.0616	Semiconductor Manufacturing Technology/Technician
15.0699	Industrial Production Technologies/Technicians, Other
15.0703	Industrial Safety Technology/Technician
15.0705	Process Safety Technology/Technician
15.0801	Aeronautical/Aerospace Engineering Technology/Technician

CIP Code	Description
15.0803	Automotive Engineering Technology/Technician
15.0805	Mechanical/Mechanical Engineering Technology/Technician
15.0899	Mechanical Engineering Related Technologies/Technicians, Other
15.1103	Hydraulics and Fluid Power Technology/Technician
15.1201	Computer Engineering Technology/Technician
15.1202	Computer/Computer Systems Technology/Technician
15.1401	Nuclear Engineering Technology/Technician
15.1702	Power Plant Technology/Technician
15.9999	Engineering/Engineering-Related Technologies/Technicians, Other
41.0101	Biology/Biotechnology Technology/Technician
41.0301	Chemical Technology/Technician
41.0303	Chemical Process Technology
46.0301	Electrical and Power Transmission Installation/Installer, General
47.0101	Electrical/Electronics Equipment Installation and Repair Technology/Technician, General
47.0105	Industrial Electronics Technology/Technician
47.0199	Electrical/Electronics Maintenance and Repair Technologies/Technicians, Other
47.0303	Industrial Mechanics and Maintenance Technology/Technician
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician
47.0701	Energy Systems Installation and Repair Technology/Technician
47.0705	Hydroelectric Energy System Installation and Repair Technology/Technician
47.0706	Geothermal Energy System Installation and Repair Technology/Technician

