

COMPLETE LIST OF STATE-RECOGNIZED

SECONDARY CAREER AND TECHNICAL EDUCATION (CTE) PROGRAM CIP CODES

By Federal Career Cluster and Federal Classification of Instructional Program (CIP) Code

Updated May 2023

Current and Historical CIP Area Endorsements that Can Teach

CTE teachers must be appropriately certificated with the CIP code to teach CTE and/or related career pathway courses.

AGRICULTURE, FOOD AND NATURAL RESOURCES CLUSTER

01.0000 AGRICULTURE, AGRICULTURAL OPERATIONS AND RELATED SCIENCES

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Agriculture Science and Natural Resources 02.9999
Agriculture, Agricultural Operations and Related Sciences 01.0000
Agriculture Production, General 01.0301

PLACEMENT OF TEACHER CANDIDATES WITH THE FOLLOWING CIPS MUST BE DISCUSSED WITH MDE-OCTE PRE-PLACEMENT

Agricultural Construction/Maintenance 01.0306
Agricultural Electrification 01.0307
Agricultural Mechanical Skills 01.0305
Agricultural Mechanics & Equip/Machinery Tech 02.0205
Agricultural Mechanics 01.0201

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AGRICULTURE, FOOD AND NATURAL RESOURCES CLUSTER

01.0101 AGRICULTURE, FOOD AND NATURAL RESOURCES – Not available for new CTE application

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Agriculture, Agricultural Operations and Related Sciences 01.0000
Agriculture, Food & Natural Resources 01.0101
Agriculture Production, General 01.0301
Agriculture Science and Natural Resources 02.9999
Agricultural Supplies/Services 01.0200
Farm Business Management 01.0104 Feeds 01.0202
Fertilizers 01.0204

PLACEMENT OF TEACHER CANDIDATES WITH THE FOLLOWING CIPS MUST BE DISCUSSED WITH MDE-OCTE PRE-PLACEMENT

Agricultural Structure/Conveniences 01.0302

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AGRICULTURE, FOOD AND NATURAL RESOURCES CLUSTER

01.0601 APPLIED HORTICULTURE AND HORTICULTURAL OPERATIONS

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

- Agriculture Science and Natural Resources 02.9999
- Agriculture, Agricultural Operations and Related Sciences 01.0000
- Agriculture Production, General 01.0301
- Applied Horticulture and Horticultural Operations 01.0601
- Greenhouse Operation/Management 01.0503
- Ground Operations 17.0403
- Nursery Operation Management 01.0505

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AGRICULTURE, FOOD AND NATURAL RESOURCES CLUSTER

03.0000 NATURAL RESOURCES AND CONSERVATION

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Agricultural Resources 01.0600

Agriculture Science and Natural Resources 02.9999

Agriculture, Agricultural Operations and Related

Agriculture Production, General 01.0301

Environmental Health 07.0700

Forestry 01.0700

Forests 01.0107

Natural Resources and Conservation 03.0000

Sciences 01.0000

Soil Management 01.0303

Wildlife 01.0604

PLACEMENT OF TEACHER CANDIDATES WITH THE FOLLOWING CIPS MUST BE DISCUSSED WITH MDE-OCTE PRE-PLACEMENT

Fish Farm/Hatcheries 01.0607

Water 01.0605

Water Management 01.0304

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AGRICULTURE, FOOD AND NATURAL RESOURCES CLUSTER

26.1201 BIOTECHNOLOGY

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Agriculture Science and Natural Resources 02.9999

Agriculture, Agricultural Operations and Related Sciences 01.0000

Biotechnology 26.1201

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ARCHITECTURE AND CONSTRUCTION CLUSTER

15.1301 DRAFTING AND DESIGN TECHNOLOGY/ARCHITECTURAL

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Architectural Drafting CAD 15.1303

Architectural Drafting 17.1398

Blueprint Reader 17.0500

Drafting and Design Technology/Architectural 15.1301

Drafting 48.0101

Engineering Technology 15.0000

Machine Shop 17.2302

Machine Shop 17.2303

Machine Tool Technology/Machinist 48.0501

Mechanical Drafting 15.1306

Mechatronics 14.4201

TEACHERS CANDIDATES WITH THE FOLLOWING CIPS MUST ALSO HOLD A VALID STANDARD/PROFESSIOINAL/CONTINUING CERTIFICATE WITH IX, TX, OR TE ENDORSEMENT

Electrical and Power Transmission Installation 46.0301

Electrical, Electronics, and Comm Engineer 14.1001

Electrical/Electronics Equipment Installation and Repair

General 47.0101

Electrical/Electronics Maintenance and Repair Technology,

Other 47.0199

Electro-Mechanical Technology 15.0403

Electronics 17.1002

Industrial Production 15.0612

Precision Metal Working, Other 48.0599

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ARCHITECTURE AND CONSTRUCTION CLUSTER

19.0605 HOME FURNISHINGS EQUIPMENT INSTALLERS AND CONSULTANTS

Not available for new CTE application

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Home Furnishings 20.0501

Home Furnishings Equipment Installers and Consultants 19.0605

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ARCHITECTURE AND CONSTRUCTION CLUSTER

46.0000 CONSTRUCTION TRADES

State of Michigan license, if applicable, required to be up to date and on file.

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Blueprint Reader 17.0500
Building and Home Maintenance and Services 20.0601
Building Maintenance 46.0401
Carpentry 17.1001
Construction and Maintenance 17.1000
Construction Trades 46.0000

Construction Trades, Other 46.9901
Dry Wall Installation 17.1008
Foremanship 17.1700
Hardware-Building Related 04.0900
Masonry 17.1004
Roofing 17.1010

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ARCHITECTURE AND CONSTRUCTION CLUSTER

46.0301 ELECTRICAL AND POWER TRANSMISSION INSTALLATION

State of Michigan license, if applicable, required to be up to date and on file.

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Electrical and Power Transmission Installation 46.0301
Electrical, Electronics, & Comm Engineer 14.1001
Electricity 17.1002
Electro-Mechanical Technology 15.0403
Electro-Mechanical Technology 47.0199
Electronics Occupations 17.1500

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ARCHITECTURE AND CONSTRUCTION CLUSTER

46.0503 PLUMBING TECHNOLOGY

State of Michigan license, if applicable, required to be up to date and on file.

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Plumbing and Pipefitting 17.1007

Plumbing Technology 46.0503

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ARCHITECTURE AND CONSTRUCTION CLUSTER

47.0201 HEATING, AIR CONDITIONING, VENTILATION AND REFRIGERATION

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Cooling 17.0101

Gas Appliances 17.0202

Heating 17.0102

Heating, Air Conditioning, Ventilation and Refrigeration 47.0201

Refrigeration 17.3000

Ventilating 17.0103

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ARTS, A/V TECHNOLOGY, AND COMMUNICATIONS CLUSTER

10.0202 RADIO AND TV BROADCASTING TECHNOLOGY

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Radio & TV Broadcasting Technology 10.0202

Radio & TV Production 09.0701

Radio/Television 17.1503

Radiological Technician 07.0702

TV and Radio Production 17.1599

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ARTS, A/V TECHNOLOGY, AND COMMUNICATIONS CLUSTER

50.0101 VISUAL AND PERFORMING ARTS

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Communications 17.1501

Drama/Theater Arts and Stage Craft 50.0599

Visual and Performing Arts 50.0101

Visual Communications Technology 50.0401

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\(michigan.gov\)](https://www.michigan.gov/education/0,4570,7-293_14317_14318_14319_14320_14321_14322_14323_14324_14325_14326_14327_14328_14329_14330_14331_14332_14333_14334_14335_14336_14337_14338_14339_14340_14341_14342_14343_14344_14345_14346_14347_14348_14349_14350_14351_14352_14353_14354_14355_14356_14357_14358_14359_14360_14361_14362_14363_14364_14365_14366_14367_14368_14369_14370_14371_14372_14373_14374_14375_14376_14377_14378_14379_14380_14381_14382_14383_14384_14385_14386_14387_14388_14389_14390_14391_14392_14393_14394_14395_14396_14397_14398_14399_14400_14401_14402_14403_14404_14405_14406_14407_14408_14409_14410_14411_14412_14413_14414_14415_14416_14417_14418_14419_14420_14421_14422_14423_14424_14425_14426_14427_14428_14429_14430_14431_14432_14433_14434_14435_14436_14437_14438_14439_14440_14441_14442_14443_14444_14445_14446_14447_14448_14449_14450_14451_14452_14453_14454_14455_14456_14457_14458_14459_14460_14461_14462_14463_14464_14465_14466_14467_14468_14469_14470_14471_14472_14473_14474_14475_14476_14477_14478_14479_14480_14481_14482_14483_14484_14485_14486_14487_14488_14489_14490_14491_14492_14493_14494_14495_14496_14497_14498_14499_14500_14501_14502_14503_14504_14505_14506_14507_14508_14509_14510_14511_14512_14513_14514_14515_14516_14517_14518_14519_14520_14521_14522_14523_14524_14525_14526_14527_14528_14529_14530_14531_14532_14533_14534_14535_14536_14537_14538_14539_14540_14541_14542_14543_14544_14545_14546_14547_14548_14549_14550_14551_14552_14553_14554_14555_14556_14557_14558_14559_14560_14561_14562_14563_14564_14565_14566_14567_14568_14569_14570_14571_14572_14573_14574_14575_14576_14577_14578_14579_14580_14581_14582_14583_14584_14585_14586_14587_14588_14589_14590_14591_14592_14593_14594_14595_14596_14597_14598_14599_14600_14601_14602_14603_14604_14605_14606_14607_14608_14609_14610_14611_14612_14613_14614_14615_14616_14617_14618_14619_14620_14621_14622_14623_14624_14625_14626_14627_14628_14629_14630_14631_14632_14633_14634_14635_14636_14637_14638_14639_14640_14641_14642_14643_14644_14645_14646_14647_14648_14649_14650_14651_14652_14653_14654_14655_14656_14657_14658_14659_14660_14661_14662_14663_14664_14665_14666_14667_14668_14669_14670_14671_14672_14673_14674_14675_14676_14677_14678_14679_14680_14681_14682_14683_14684_14685_14686_14687_14688_14689_14690_14691_14692_14693_14694_14695_14696_14697_14698_14699_14700_14701_14702_14703_14704_14705_14706_14707_14708_14709_14710_14711_14712_14713_14714_14715_14716_14717_14718_14719_14720_14721_14722_14723_14724_14725_14726_14727_14728_14729_14730_14731_14732_14733_14734_14735_14736_14737_14738_14739_14740_14741_14742_14743_14744_14745_14746_14747_14748_14749_14750_14751_14752_14753_14754_14755_14756_14757_14758_14759_14760_14761_14762_14763_14764_14765_14766_14767_14768_14769_14770_14771_14772_14773_14774_14775_14776_14777_14778_14779_14780_14781_14782_14783_14784_14785_14786_14787_14788_14789_14790_14791_14792_14793_14794_14795_14796_14797_14798_14799_14800_14801_14802_14803_14804_14805_14806_14807_14808_14809_14810_14811_14812_14813_14814_14815_14816_14817_14818_14819_14820_14821_14822_14823_14824_14825_14826_14827_14828_14829_14830_14831_14832_14833_14834_14835_14836_14837_14838_14839_14840_14841_14842_14843_14844_14845_14846_14847_14848_14849_14850_14851_14852_14853_14854_14855_14856_14857_14858_14859_14860_14861_14862_14863_14864_14865_14866_14867_14868_14869_14870_14871_14872_14873_14874_14875_14876_14877_14878_14879_14880_14881_14882_14883_14884_14885_14886_14887_14888_14889_14890_14891_14892_14893_14894_14895_14896_14897_14898_14899_14900_14901_14902_14903_14904_14905_14906_14907_14908_14909_14910_14911_14912_14913_14914_14915_14916_14917_14918_14919_14920_14921_14922_14923_14924_14925_14926_14927_14928_14929_14930_14931_14932_14933_14934_14935_14936_14937_14938_14939_14940_14941_14942_14943_14944_14945_14946_14947_14948_14949_14950_14951_14952_14953_14954_14955_14956_14957_14958_14959_14960_14961_14962_14963_14964_14965_14966_14967_14968_14969_14970_14971_14972_14973_14974_14975_14976_14977_14978_14979_14980_14981_14982_14983_14984_14985_14986_14987_14988_14989_14990_14991_14992_14993_14994_14995_14996_14997_14998_14999_15000) 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for more information.

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COMPLETE LIST OF STATE-RECOGNIZED

SECONDARY CAREER AND TECHNICAL EDUCATION (CTE) PROGRAM CIP CODES

By Federal Career Cluster and Federal Classification of Instructional Program (CIP) Code

Updated May 2023

Current and Historical CIP Area Endorsements that Can Teach

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BUSINESS, MANAGEMENT AND ADMINISTRATION CLUSTER

52.0299 BUSINESS ADMINISTRATION MANAGEMENT AND OPERATIONS

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Accounting and Computing 14.0100
Business Administration Management and Operations
52.0299
Business Machine Repair 47.0102
Business Services 07.0999
Business Services and Technology 52.9999
Business, Management and Administration 52.9994
Clerical and Sec Lab 14.9900
Clinical Lab 14.9700
Data Processing/Business 07.0301
Distributive Education 04.0000
Finance and Credit 04.0400
Finance and Financial Management Services 52.0800
General Office Clerical 14.0300
Information Communication 14.0400

Information Technology 11.1000
Insurance 52.1701
Marketing Education 08.0708
Marketing, Sales and Service 52.1999
Marketing, Sales and Services 08.0700
Office 14.0000
Secretarial Programs 07.0601
Steno/Clerical 14.0700
Steno/Clerical Lab 14.9800
Supervisory and Administration 14.0800
Typing and Related Occupation 14.0900

If an appropriately certified teacher is not available, an Annual Career Authorization may be appropriate. Experience in CIP area must be within the 10 years prior to the date of the application. See [Annual Career Authorization \(michigan.gov\)](https://www.michigan.gov/annual-career-authorization) and [CTE Recent and Relevant Experience Requirements \(michigan.gov\)](https://www.michigan.gov/cte-recent-and-relevant-experience-requirements) for more information.

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EDUCATION AND TRAINING CLUSTER

13.0000 EDUCATION GENERAL

New teacher candidate must have at least one of the following:

- A Michigan teaching certification
- A Masters Degree in Early Childhood Education or related field

Instructors with the following CIPs may teach this program:

Education General 13.0000
Teacher Cadet 13.0000

PLACEMENT OF TEACHER CANDIDATES THAT DO NOT MEET THE ABOVE REQUIREMENTS MUST BE DISCUSSED WITH OCTE AND OEE

Completion of the South Carolina Model from The Center for Educator Recruitment, Retention, and Advancement (CERRA) for preparation of new teacher candidates is no longer an option.

If an appropriately certified teacher is not available, an Annual Career Authorization may be appropriate. Experience in CIP area must be within the 10 years prior to the date of the application. See

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SECONDARY CAREER AND TECHNICAL EDUCATION (CTE) PROGRAM CIP CODES

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ENERGY CLUSTER

46.0502 PLUMBING PIPEFITTER AND SPRINKLER FITTER

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Appliance Repair 17.0200

Construction Trades 46.0000

Construction Trades, Other 46.9999

Electric Lineman 46.0303

Electric Power Generation Plants 17.3201

Electrical and Power Transmission Installation 46.0301

Electrical Appliance 17.0301

Electrical, Electronics and Comm Engineer 14.1001

Electricity 17.1002

Electro-Mechanical Tech 15.0403

Electro-Mechanical Tech 47.0199

Electronics Occupations 17.1500

Heating, Air Conditioning, Ventilation and Refrigeration 47.0302

Lineman 17.1402

Plumbing and Pipefitting 17.1007

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SECONDARY CAREER AND TECHNICAL EDUCATION (CTE) PROGRAM CIP CODES

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FAMILY AND CONSUMER SCIENCES (non-wage earning) CLUSTER

19.0000 FAMILY AND CONSUMER SCIENCES – Not available for new CTE application

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

- Family and Consumer Sciences 19.0000
- Consumer and Homemaking 09.0100
- Consumer and Homemaking 20.0100
- Custodial Services 20.0699
- Custodial, Housekeeping and Home Svcs 19.0699

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FINANCE CLUSTER

52.0800 FINANCE AND FINANCIAL MANAGEMENT SERVICES

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Accounting and Computing 14.0100
Business Administration Management and Operations 52.0299
Business Machine Repair 47.0102
Business Services 07.0999
Business Services and Technology 52.9999
Business, Management and Administration 52.9994
Clerical & Sec Lab 14.9900
Clerical Lab 14.9700
Data Processing/Business 07.0301
Distributive Education 04.0000
Finance and Credit 04.0400
Finance and Financial Management and Services 52.0800
General Office Clerical 14.0300

Information Technology 11.1000
Information Communication 14.0400
Insurance 52.1701
Marketing Education 08.0708
Marketing, Sales and Service 52.1999
Marketing, Sales and Services 08.0700
Office 14.0000
Secretarial Programs 07.0601
Steno/Clerical 14.0700
Steno/Clerical Lab 14.9800
Supervisory and Administration 14.0800
Typing and Related Occupation 14.0900

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FINANCE CLUSTER

52.1701 INSURANCE

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Accounting and Computing 14.0100
Business Administration Management and Operations 52.0299
Business Machine Repair 47.0102
Business Services 07.0999
Business Services and Technology 52.9999
Business, Management and Administration 52.9994
Clerical & Sec Lab 14.9900
Clerical Lab 14.9700
Data Processing/Business 07.0301
Distributive Education 04.0000
Finance and Credit 04.0400
Finance and Financial Management and Services 52.0800
General Office Clerical 14.0300
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Information Communication 14.0400

Insurance 52.1701
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GOVERNMENT AND PUBLIC ADMINISTRATION CLUSTER

28.0301 ARMY (JROTC)

Instructors must hold a U.S. Department of Defense (DoD) Qualification Memorandum (Credential).

Annual Authorization or CTE Certificate is not an option.

Any branch of military qualifies under JROTC CIP 28.0301.

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HEALTH SCIENCE CLUSTER

26.0102 BIOMEDICAL SCIENCES, GENERAL

State of Michigan license, if applicable required to be up to date and on file.

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Biotechnology 26.1201
Biotechnology Medical Services 26.0102
Cytology Technician 07.0201
Histology 07.0202

If an appropriately certified teacher is not available, an Annual Career Authorization may be appropriate. Experience in CIP area must be within the 10 years prior to the date of the application. See [Annual Career Authorization \(michigan.gov\)](https://www.michigan.gov/annual-career-authorization) and [CTE Recent and Relevant Experience Requirements \(michigan.gov\)](https://www.michigan.gov/cte-recent-and-relevant-experience-requirements) for more information.

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3. If instruction of a CTE program is provided at the postsecondary institution no Annual Career Authorization is required.

COMPLETE LIST OF STATE-RECOGNIZED

SECONDARY CAREER AND TECHNICAL EDUCATION (CTE) PROGRAM CIP CODES

By Federal Career Cluster and Federal Classification of Instructional Program (CIP) Code

Updated May 2023

Current and Historical CIP Area Endorsements that Can Teach

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HEALTH SCIENCE CLUSTER

51.0000 HEALTH SCIENCES/ALLIED HEALTH/HEALTH SCIENCES, GENERAL– State of Michigan license, if applicable, required to be up to date and on file.

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Therapeutic Services 51.0000
Health Sciences

TEACHER CANDIDATES WITH THE FOLLOWING CIPS MUST BE DISCUSSED WITH MDE-OCTE PRE-PLACEMENT

Allied Health Technology 51.9999
Dental Hygienist 07.0102
Dental Lab Technician 07.0103
Dental Occupations 17.0100
General Health Occupations 07.9900
Health 07.000
Health Occupations Cluster 07.9802
Health Occupations Cluster 17.9900
Medical Assisting 17.0503
Medical Emergency Tech 07.0907

Nursing 07.0300
Nursing Aide 07.0303
Nursing Occupations 17.0600
Occupational Preparation 09.0200
Occupational Therapy 07.0401
Pharmacy Assistant 07.9803
Physical Therapy 07.0402
Practical Nursing 07.0302
Ward Clerk 07.9801

If an appropriately certified teacher is not available, an Annual Career Authorization may be appropriate. Experience in CIP area must be within the 10 years prior to the date of the application. See [Annual Career Authorization \(michigan.gov\)](https://www.michigan.gov/annual-career-authorization) and [CTE Recent and Relevant Experience Requirements \(michigan.gov\)](https://www.michigan.gov/cte-recent-and-relevant-experience-requirements) for more information.

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SECONDARY CAREER AND TECHNICAL EDUCATION (CTE) PROGRAM CIP CODES

By Federal Career Cluster and Federal Classification of Instructional Program (CIP) Code

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HEALTH SCIENCE CLUSTER

51.0707 HEALTH INFORMATION/MEDICAL RECORDS TECHNOLOGY/TECHNICIAN

State of Michigan license, if applicable, required to be up to date and on file.

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Health Informatics 51.0707
Health Sciences

TEACHER CANDIDATES WITH THE FOLLOWING CIPS MUST BE DISCUSSED WITH MDE-OCTE PRE-PLACEMENT

Therapeutic Services 51.0000

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SECONDARY CAREER AND TECHNICAL EDUCATION (CTE) PROGRAM CIP CODES

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HOSPITALITY AND TOURISM CLUSTER

12.0500 COOKING AND RELATED CULINARY ARTS

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Baker 17.2901
Cook/Chef 17.2900
Cooking and Related Culinary Arts 12.0500
Food Management 20.0401
Food Management 20.0499
Personal and Culinary Services 12.9999

TEACHER CANDIDATES WITH THE FOLLOWING CIPS MUST BE DISCUSSED WITH MDE-OCTE PRE-PLACEMENT

Food Service 04.0700	Recreation 01.0602
Food Service Hospital 07.0908	Recreation and Tourism 04.1800
Hotel and Lodging 04.1100	Meat Cutter 17.2903
Quality Food Operations 17.2900	Waiter/Waitress 17.2904

If an appropriately certified teacher is not available, an Annual Career Authorization may be appropriate. Experience in CIP area must be within the 10 years prior to the date of the application. See [Annual Career Authorization \(michigan.gov\)](https://www.michigan.gov/annual-career-authorization) and [CTE Recent and Relevant Experience Requirements \(michigan.gov\)](https://www.michigan.gov/cte-recent-and-relevant-experience-requirements) for more information.

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**COMPLETE LIST OF STATE-RECOGNIZED
SECONDARY CAREER AND TECHNICAL EDUCATION (CTE) PROGRAM CIP CODES
By Federal Career Cluster and Federal Classification of Instructional Program (CIP) Code
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HOSPITALITY AND TOURISM CLUSTER

52.0901 HOSPITALITY ADMINISTRATION/MANAGEMENT, GENERAL

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Hotel and Lodging 04.1100	Tourism and Travel Services Management 52.0903
Recreation and Tourism 04.1800	Hotel/Motel Administration/Management 52.0904
Hospitality Administration/Management, General 52.0901	Resort Management 52.0906

TEACHER CANDIDATES WITH THE FOLLOWING CIPS MUST BE DISCUSSED WITH MDE-OCTE PRE-PLACEMENT FOR A REVIEW OF EXPERIENCE AND MAY NEED TO ACQUIRE A CERTIFIED HOSPITALITY INSTRUCTOR CREDENTIAL.

Recreation 01.0602	Family and Consumer Science 19.0000
Cooking and Related Culinary Arts 12.0500	Business Administration Management and Operations 52.0299
Personal and Culinary Services 12.9999	Business, Management and Administration 52.9994
Quality Food Operations 17.2900	Marketing, Sales and Services 52.1999
Food Management 20.0401	Marketing, Sales and Services 08.0700
Food Management 20.0499	

If an appropriately certified teacher is not available, an Annual Career Authorization may be appropriate. Experience in CIP area must be within the 10 years prior to the date of the application. See [Annual Career Authorization \(michigan.gov\)](https://michigan.gov/annual-career-authorization) and [CTE Recent and Relevant Experience Requirements \(michigan.gov\)](https://michigan.gov/recent-relevant-experience-requirements) for more information.

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HUMAN SERVICES CLUSTER

12.0400 COSMETOLOGY

State of Michigan license and Instructor's license required to be up to date and on file.

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Cosmetology 12.0400

If an appropriately certified teacher is not available, an Annual Career Authorization may be appropriate. Experience in CIP area must be within the 10 years prior to the date of the application. See [Annual Career Authorization \(michigan.gov\)](#) and [CTE Recent and Relevant Experience Requirements \(michigan.gov\)](#) for more information.

1. CTE certification or Annual Career Authorization is required for all state-approved CTE programs.
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HUMAN SERVICES CLUSTER

19.0700 CHILD AND CUSTODIAL CARE SERVICES – Not available for new CTE application

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

- Child and Adult Care Services 20.0299
- Child and Custodial Care Services 19.0700
- Child Care and Guidance 20.0201

If an appropriately certified teacher is not available, an Annual Career Authorization may be appropriate. Experience in CIP area must be within the 10 years prior to the date of the application. See [Annual Career Authorization \(michigan.gov\)](#) and [CTE Recent and Relevant Experience Requirements \(michigan.gov\)](#) for more information.

1. CTE certification or Annual Career Authorization is required for all state-approved CTE programs.
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SECONDARY CAREER AND TECHNICAL EDUCATION (CTE) PROGRAM CIP CODES

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INFORMATION TECHNOLOGY CLUSTER

11.0201 COMPUTER PROGRAMMING/PROGRAMMER

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Accounting and Computing 14.0100	Finance and Financial Management and Services 52.0800
Business Administration Management and Operations 52.0299	General Office Clerical 14.0300
Business Machine Repair 47.0102	Information Technology 11.1000
Business Services 07.0999	Information Communication 14.0400
Business Services and Technology 52.9999	Insurance 52.1701
Business, Management and Administration 52.9994	Marketing Education 08.0708
Clerical & Sec Lab 14.9900	Marketing, Sales and Service 52.1999
Clerical Lab 14.9700	Marketing, Sales and Services 08.0700
Computer and Info Sys Security/Info Assurance 11.1003	Office 14.0000
Computer Programming/Programmer 11.0201	Secretarial Programs 07.0601
Computer Sys Networking & Telecommunications 11.0901	Steno/Clerical 14.0700
Data Processing/Business 07.0301	Steno/Clerical Lab 14.9800
Digital/Multimedia & Info Resources Design 11.0801	Supervisory and Administration 14.0800
Distributive Education 04.0000	System Administration/Administrator 11.1001
Finance and Credit 04.0400	Typing and Related Occupation 14.0900

If an appropriately certified teacher is not available, an Annual Career Authorization may be appropriate. Experience in CIP area must be within the 10 years prior to the date of the application. See [Annual Career Authorization \(michigan.gov\)](https://www.michigan.gov/annual-career-authorization) and [CTE Recent and Relevant Experience Requirements \(michigan.gov\)](https://www.michigan.gov/cte-recent-and-relevant-experience-requirements) for more information.

1. CTE certification or Annual Career Authorization is required for all state-approved CTE programs.
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INFORMATION TECHNOLOGY CLUSTER

11.0801 DIGITAL/MULTIMEDIA AND INFORMATION RESOURCES DESIGN

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Accounting and Computing 14.0100	Finance and Financial Management and Services 52.0800
Business Administration Management and Operations 52.0299	General Office Clerical 14.0300
Business Machine Repair 47.0102	Information Technology 11.1000
Business Services 07.0999	Information Communication 14.0400
Business Services and Technology 52.9999	Insurance 52.1701
Business, Management and Administration 52.9994	Marketing Education 08.0708
Clerical & Sec Lab 14.9900	Marketing, Sales and Service 52.1999
Clerical Lab 14.9700	Marketing, Sales and Services 08.0700
Computer and Info Sys Security/Info Assurance 11.1003	Office 14.0000
Computer Programming/Programmer 11.0201	Secretarial Programs 07.0601
Computer Sys Networking & Telecommunications 11.0901	Steno/Clerical 14.0700
Data Processing/Business 07.0301	Steno/Clerical Lab 14.9800
Digital/Multimedia & Info Resources Design 11.0801	Supervisory and Administration 14.0800
Distributive Education 04.0000	System Administration/Administrator 11.1001
Finance and Credit 04.0400	Typing and Related Occupation 14.0900

If an appropriately certified teacher is not available, an Annual Career Authorization may be appropriate. Experience in CIP area must be within the 10 years prior to the date of the application. See [Annual Career Authorization \(michigan.gov\)](https://www.michigan.gov/annual-career-authorization) and [CTE Recent and Relevant Experience Requirements \(michigan.gov\)](https://www.michigan.gov/cte-recent-and-relevant-experience-requirements) for more information.

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SECONDARY CAREER AND TECHNICAL EDUCATION (CTE) PROGRAM CIP CODES

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INFORMATION TECHNOLOGY CLUSTER

11.0901 COMPUTER SYSTEMS NETWORKING AND TELECOMMUNICATIONS

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Accounting and Computing 14.0100	Finance and Financial Management and Services 52.0800
Business Administration Management and Operations 52.0299	General Office Clerical 14.0300
Business Machine Repair 47.0102	Information Technology 11.1000
Business Services 07.0999	Information Communication 14.0400
Business Services and Technology 52.9999	Insurance 52.1701
Business, Management and Administration 52.9994	Marketing Education 08.0708
Clerical & Sec Lab 14.9900	Marketing, Sales and Service 52.1999
Clerical Lab 14.9700	Marketing, Sales and Services 08.0700
Computer and Info Sys Security/Info Assurance 11.1003	Office 14.0000
Computer Programming/Programmer 11.0201	Secretarial Programs 07.0601
Computer Sys Networking & Telecommunications 11.0901	Steno/Clerical 14.0700
Data Processing/Business 07.0301	Steno/Clerical Lab 14.9800
Digital/Multimedia & Info Resources Design 11.0801	Supervisory and Administration 14.0800
Distributive Education 04.0000	System Administration/Administrator 11.1001
Finance and Credit 04.0400	Typing and Related Occupation 14.0900

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SECONDARY CAREER AND TECHNICAL EDUCATION (CTE) PROGRAM CIP CODES

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INFORMATION TECHNOLOGY CLUSTER

11.1001 SYSTEMS ADMINISTRATION/ADMINISTRATOR

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Accounting and Computing 14.0100
Business Administration Management and Operations 52.0299
Business Machine Repair 47.0102
Business Services 07.0999
Business Services and Technology 52.9999
Business, Management and Administration 52.9994
Clerical & Sec Lab 14.9900
Clerical Lab 14.9700
Computer and Info Sys Security/Info Assurance 11.1003
Computer Programming/Programmer 11.0201
Computer Sys Networking & Telecommunications 11.0901
Data Processing/Business 07.0301
Digital/Multimedia & Info Resources Design 11.0801
Distributive Education 04.0000
Finance and Credit 04.0400

Finance and Financial Management and Services 52.0800
General Office Clerical 14.0300
Information Technology 11.1000
Information Communication 14.0400
Insurance 52.1701
Marketing Education 08.0708
Marketing, Sales and Service 52.1999
Marketing, Sales and Services 08.0700
Office 14.0000
Secretarial Programs 07.0601
Steno/Clerical 14.0700
Steno/Clerical Lab 14.9800
Supervisory and Administration 14.0800
System Administration/Administrator 11.1001
Typing and Related Occupation 14.0900

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SECONDARY CAREER AND TECHNICAL EDUCATION (CTE) PROGRAM CIP CODES

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INFORMATION TECHNOLOGY CLUSTER

11.1003 COMPUTER AND INFORMATION SYSTEMS SECURITY/INFORMATION ASSURANCE

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Accounting and Computing 14.0100	Finance and Financial Management and Services 52.0800
Business Administration Management and Operations 52.0299	General Office Clerical 14.0300
Business Machine Repair 47.0102	Information Technology 11.1000
Business Services 07.0999	Information Communication 14.0400
Business Services and Technology 52.9999	Insurance 52.1701
Business, Management and Administration 52.9994	Marketing Education 08.0708
Clerical & Sec Lab 14.9900	Marketing, Sales and Service 52.1999
Clerical Lab 14.9700	Marketing, Sales and Services 08.0700
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Computer Programming/Programmer 11.0201	Secretarial Programs 07.0601
Computer Sys Networking & Telecommunications 11.0901	Steno/Clerical 14.0700
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Digital/Multimedia & Info Resources Design 11.0801	Supervisory and Administration 14.0800
Distributive Education 04.0000	System Administration/Administrator 11.1001
Finance and Credit 04.0400	Typing and Related Occupation 14.0900

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LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY CLUSTER

43.0100 PUBLIC SAFETY/PROTECTIVE SERVICES

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Fireman 17.2801

Law Enforcement Training 54.0107

Public Safety/Protective Services 43.0100

Public Service Occupation 17.2800

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MANUFACTURING CLUSTER

47.0101 ELECTRICAL/ELECTRONICS EQUIPMENT INSTALLATION AND REPAIR

State of Michigan license, if applicable, required to be up to date and on file.

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Appliance Repair 17.0200
Electric Power Generation Plants 17.3201
Electrical Appliances 17.0201
Electrical, Electronics and Comm Engineer 14.1001
Electrical/Electronics Equipment Installation and Repair 47.0101
Electricity 17.1002
Electro-Mechanical Tech 15.0403
Electro-Mechanical Tech 47.0199
Electronics Occupations 17.1500
Lineman 17.1402
Watch Repair 47.0408
Watchmaking and Repair 17.2102

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MANUFACTURING CLUSTER

48.0501 MACHINE TOOL OPERATION/MACHINE SHOP

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Drafting and Design Technology/Architecture 15.1301
Engineering Technology 15.0000
Foundry 48.5020
Machine Shop 17.2302
Machine Shop 17.2303
Machine Tool Operation/Machine Shop 48.0501
Machine Tool Technology/Machinist 48.0501
Manufacturing Cluster 48.0599
Manufacturing Technology 48.9999
Materials Support 14.0500

Mechanical Drafting 15.1306
Mechatronics 14.4201
Metal Patternmaking 17.2309
Metal Trades 48.0506
Metal Trades/Combined 17.2304
Metallurgy 17.2400
Metalworking 17.2300
Precision Production Trades General 48.0000
Sheet Metal 17.2305
Tool and Die Making 17.2307

If an appropriately certified teacher is not available, an Annual Career Authorization may be appropriate. Experience in CIP area must be within the 10 years prior to the date of the application. See [Annual Career Authorization \(michigan.gov\)](https://www.michigan.gov/annual-career-authorization) and [CTE Recent and Relevant Experience Requirements \(michigan.gov\)](https://www.michigan.gov/cte-recent-and-relevant-experience-requirements) for more information.

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MARKETING CLUSTER

52.1999 SPECIALIZED MERCHANDISING, SALES, AND MARKETING OPERATIONS, OTHER

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Accounting and Computing 14.0100
Advertising Services 04.0100
Business Administration Management and Operations 52.0299
Business Machine Repair 47.0102
Business Services 07.0999
Business Services and Technology 52.9999
Business, Management and Administration 52.9994
Clerical and Sec Lab 14.9900
Clerical Lab 14.9700
Data Processing/Business 07.0301
Distributive Education 04.0000
Finance and Credit 04.0400
Finance and Financial Management Services 52.0800
Food Distribution 04.0600
General Merchandise 04.0800

General Office Clerical 14.0300
Information Communication 14.0400
Information Technology 11.1000
Insurance 52.1701
Marketing Education 08.0708
Marketing, Sales and Services 52.1999
Marketing, Sales and Services 08.0700
Office 14.0000
Secretarial Programs 07.0601
Steno/Clerical 14.0700
Steno/Clerical Lab 14.9800
Stock Clerk 14.0504
Supervisory and Administration 14.0800
Typing and Related Occupation 14.0900

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COMPLETE LIST OF STATE-RECOGNIZED

SECONDARY CAREER AND TECHNICAL EDUCATION (CTE) PROGRAM CIP CODES

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Current and Historical CIP Area Endorsements that Can Teach

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SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS CLUSTER

14.4201 MECHATRONICS

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Architectural Drafting CAD 15.1303

Architectural Drafting 17.1308

Drafting and Design Technology/Architectural 15.1301

Drafting 48.0101

Electrical/Electronics Equipment Installation and Repair

General 47.0101

Electrical/Electronics Maintenance and Repair Technology,

Other 47.0199

Electro-Mechanical Technology 15.0403

Engineering Technology 15.0000

Industrial Production 15.0612

Machine Shop 17.2302

Machine Shop 17.2303

Machine Tool Technology/Machinist 48.0501

Manufacturing Cluster 48.0599

Mechanical Drafting 15.1306

Mechatronics 14.4201

TEACHERS CANDIDATES WITH THE FOLLOWING CIPS MUST ALSO HOLD A VALID STANDARD/PROFESSIONAL/CONTINUING CERTIFICATE WITH IX, TX, OR TE

Blueprint Reader 17.0500

Electrical and Power Transmission Installation 46.0301

Electrical, Electronics, and Comm Engineer 14.1001

Electronics 17.1002

Surveying Engineer 14.3801

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SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS CLUSTER

15.0000 ENGINEERING TECHNOLOGY

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Architectural Drafting CAD 15.1303
Architectural Drafting 17.1308
Drafting and Design Technology/Architectural 15.1301
Drafting 48.0101
Electrical and Power Transmission Installation 46.0301
Electrical/Electronics Equipment Installation and Repair
General 47.0101
Electrical/Electronics Maintenance and Repair Technology,
Other 47.0199

Engineering Technology 15.0000
Machine Shop 17.2302
Machine Shop 17.2303
Machine Tool Technology/Machinist 48.0501
Mechanical Drafting 15.1306
Mechatronics 14.4201
Surveying Engineer 14.3801

TEACHERS CANDIDATES WITH THE FOLLOWING CIPS MUST ALSO HOLD A VALID STANDARD/PROFESSIONAL/CONTINUING CERTIFICATE WITH IX, TX, OR TE

Blueprint Reader 17.0500
Electrical, Electronics, and Comm Engineer 14.1001

Electronics 17.1002
Industrial Production 15.0612

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SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS CLUSTER

15.1306 MECHANICAL DRAFTING

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Architectural Drafting CAD 15.1303
Architectural Drafting 17.1308
Drafting 48.0101
Drafting and Design Technology 15.1301
Engineering Technology 15.0000
Machine Shop 17.2302

Machine Shop 17.2303
Machine Tool Technology/Machinist 48.0501
Manufacturing Cluster 48.0599
Mechanical Drafting 15.1306
Mechatronics 14.4201

TEACHERS CANDIDATES WITH THE FOLLOWING CIPS MUST ALSO HOLD A VALID STANDARD/PROFESSIONAL/CONTINUING CERTIFICATE WITH IX, TX, OR TE

Blueprint Reader 17.0500
Electrical and Power Transmission Installation 46.0301
Electrical, Electronics, and Comm Engineer 14.1001
Electrical/Electronics Equipment Installation and Repair General 47.0101

Electrical/Electronics Maintenance and Repair Technology Other 47.0199
Electro-Mechanical Technology 15.0403
Electronics 17.1002
Industrial Production 15.0612
Surveying Engineer 14.3801

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TRANSPORTATION, DISTRIBUTION, AND LOGISTICS CLUSTER

47.0399 HEAVY INDUSTRIAL EQUIPMENT MAINTENANCE TECHNOLOGIES

State of Michigan license, if applicable required to be up to date and on file.

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Heavy Industrial Equipment Maintenance Technologies 47.0399
Heavy Equipment 17.1003
Hydraulics and Pneumatics 47.0401
Industrial 17.1401
Industrial Electronics 17.1502
Industrial Equipment Repair 47.0301
Industrial Production Technologies 15.0699
Industrial Production Technologies/Technician 15.0612
Transportation Services and Technology 47.9999

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TRANSPORTATION, DISTRIBUTION, AND LOGISTICS CLUSTER

47.0603 COLLISION REPAIR TECHNICIAN (ASE CERTIFIED)

Instructor must hold Automotive Service Excellence (ASE) certification in the areas they teach.

Note: ASE was formerly NATEF.

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Auto Body Repair 47.0683

Body and Fender 17.0301

Collision Repair Technician (ASE/NATEF Certified) 47.0603

If an appropriately certified teacher is not available, an Annual Career Authorization may be appropriate. Experience in CIP area must be within the 10 years prior to the date of the application. See [Annual Career Authorization \(michigan.gov\)](https://www.michigan.gov/annual-career-authorization) and [CTE Recent and Relevant Experience Requirements \(michigan.gov\)](https://www.michigan.gov/cte-recent-and-relevant-experience-requirements) for more information.

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SECONDARY CAREER AND TECHNICAL EDUCATION (CTE) PROGRAM CIP CODES

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TRANSPORTATION, DISTRIBUTION, AND LOGISTICS CLUSTER

47.0604 AUTOMOBILE TECHNICIAN (ASE CERTIFIED)

Instructor must hold Automotive Service Excellence (ASE) certification in the areas they teach.

Note: ASE was formerly NATEF

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Automobile Technician 47.0604
Auto Mechanics 47.0684
Automotive 04.0300
Mechanics 17.0302
Mechanics Cluster 47.0699
Transportation Services and Technology 47.9999

If an appropriately certified teacher is not available, an Annual Career Authorization may be appropriate. Experience in CIP area must be within the 10 years prior to the date of the application. See [Annual Career Authorization \(michigan.gov\)](https://www.michigan.gov/annual-career-authorization) and [CTE Recent and Relevant Experience Requirements \(michigan.gov\)](https://www.michigan.gov/recent-relevant-experience-requirements) for more information.

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TRANSPORTATION, DISTRIBUTION, AND LOGISTICS CLUSTER

47.0606 SMALL ENGINE AND RELATED EQUIPMENT REPAIR

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

- Marine Maintenance 47.0616
- Mechanics 17.0302
- Mechanics Cluster 47.0699
- Small Engine and Related Equipment Repair 47.0606

If an appropriately certified teacher is not available, an Annual Career Authorization may be appropriate. Experience in CIP area must be within the 10 years prior to the date of the application. See [Annual Career Authorization \(michigan.gov\)](https://www.michigan.gov/annual-career-authorization) and [CTE Recent and Relevant Experience Requirements \(michigan.gov\)](https://www.michigan.gov/cte-recent-and-relevant-experience-requirements) for more information.

1. CTE certification or Annual Career Authorization is required for all state-approved CTE programs.
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TRANSPORTATION, DISTRIBUTION, AND LOGISTICS CLUSTER

47.0607 AIRFRAME TECHNOLOGY

FAA License must be on file.

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

- Aircraft Maintenance 17.0401
- Aircraft Mechanics 47.0602
- Airframe Technology 47.0607
- Transportation Services and Technology 47.9999

If an appropriately certified teacher is not available, an Annual Career Authorization may be appropriate. Experience in CIP area must be within the 10 years prior to the date of the application. See [Annual Career Authorization \(michigan.gov\)](#) and [CTE Recent and Relevant Experience Requirements \(michigan.gov\)](#) for more information.

1. CTE certification or Annual Career Authorization is required for all state-approved CTE programs.
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TRANSPORTATION, DISTRIBUTION, AND LOGISTICS CLUSTER

47.0608 POWER PLANT TECHNOLOGY (AIRCRAFT)

FAA License must be on file.

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

- Aircraft Maintenance 17.0401
- Aircraft Mechanics 47.0602
- Aircraft Operations 17.0402
- Power Plant Technology (Aircraft) 47.0608

If an appropriately certified teacher is not available, an Annual Career Authorization may be appropriate. Experience in CIP area must be within the 10 years prior to the date of the application. See [Annual Career Authorization \(michigan.gov\)](https://www.michigan.gov/education/0,4570,7-293_14317_14318_14319_14320_14321_14322_14323_14324_14325_14326_14327_14328_14329_14330_14331_14332_14333_14334_14335_14336_14337_14338_14339_14340_14341_14342_14343_14344_14345_14346_14347_14348_14349_14350_14351_14352_14353_14354_14355_14356_14357_14358_14359_14360_14361_14362_14363_14364_14365_14366_14367_14368_14369_14370_14371_14372_14373_14374_14375_14376_14377_14378_14379_14380_14381_14382_14383_14384_14385_14386_14387_14388_14389_14390_14391_14392_14393_14394_14395_14396_14397_14398_14399_14400_14401_14402_14403_14404_14405_14406_14407_14408_14409_14410_14411_14412_14413_14414_14415_14416_14417_14418_14419_14420_14421_14422_14423_14424_14425_14426_14427_14428_14429_14430_14431_14432_14433_14434_14435_14436_14437_14438_14439_14440_14441_14442_14443_14444_14445_14446_14447_14448_14449_14450_14451_14452_14453_14454_14455_14456_14457_14458_14459_14460_14461_14462_14463_14464_14465_14466_14467_14468_14469_14470_14471_14472_14473_14474_14475_14476_14477_14478_14479_14480_14481_14482_14483_14484_14485_14486_14487_14488_14489_14490_14491_14492_14493_14494_14495_14496_14497_14498_14499_14500_14501_14502_14503_14504_14505_14506_14507_14508_14509_14510_14511_14512_14513_14514_14515_14516_14517_14518_14519_14520_14521_14522_14523_14524_14525_14526_14527_14528_14529_14530_14531_14532_14533_14534_14535_14536_14537_14538_14539_14540_14541_14542_14543_14544_14545_14546_14547_14548_14549_14550_14551_14552_14553_14554_14555_14556_14557_14558_14559_14560_14561_14562_14563_14564_14565_14566_14567_14568_14569_14570_14571_14572_14573_14574_14575_14576_14577_14578_14579_14580_14581_14582_14583_14584_14585_14586_14587_14588_14589_14590_14591_14592_14593_14594_14595_14596_14597_14598_14599_14600_14601_14602_14603_14604_14605_14606_14607_14608_14609_14610_14611_14612_14613_14614_14615_14616_14617_14618_14619_14620_14621_14622_14623_14624_14625_14626_14627_14628_14629_14630_14631_14632_14633_14634_14635_14636_14637_14638_14639_14640_14641_14642_14643_14644_14645_14646_14647_14648_14649_14650_14651_14652_14653_14654_14655_14656_14657_14658_14659_14660_14661_14662_14663_14664_14665_14666_14667_14668_14669_14670_14671_14672_14673_14674_14675_14676_14677_14678_14679_14680_14681_14682_14683_14684_14685_14686_14687_14688_14689_14690_14691_14692_14693_14694_14695_14696_14697_14698_14699_14700_14701_14702_14703_14704_14705_14706_14707_14708_14709_14710_14711_14712_14713_14714_14715_14716_14717_14718_14719_14720_14721_14722_14723_14724_14725_14726_14727_14728_14729_14730_14731_14732_14733_14734_14735_14736_14737_14738_14739_14740_14741_14742_14743_14744_14745_14746_14747_14748_14749_14750_14751_14752_14753_14754_14755_14756_14757_14758_14759_14760_14761_14762_14763_14764_14765_14766_14767_14768_14769_14770_14771_14772_14773_14774_14775_14776_14777_14778_14779_14780_14781_14782_14783_14784_14785_14786_14787_14788_14789_14790_14791_14792_14793_14794_14795_14796_14797_14798_14799_14800_14801_14802_14803_14804_14805_14806_14807_14808_14809_14810_14811_14812_14813_14814_14815_14816_14817_14818_14819_14820_14821_14822_14823_14824_14825_14826_14827_14828_14829_14830_14831_14832_14833_14834_14835_14836_14837_14838_14839_14840_14841_14842_14843_14844_14845_14846_14847_14848_14849_14850_14851_14852_14853_14854_14855_14856_14857_14858_14859_14860_14861_14862_14863_14864_14865_14866_14867_14868_14869_14870_14871_14872_14873_14874_14875_14876_14877_14878_14879_14880_14881_14882_14883_14884_14885_14886_14887_14888_14889_14890_14891_14892_14893_14894_14895_14896_14897_14898_14899_14900_14901_14902_14903_14904_14905_14906_14907_14908_14909_14910_14911_14912_14913_14914_14915_14916_14917_14918_14919_14920_14921_14922_14923_14924_14925_14926_14927_14928_14929_14930_14931_14932_14933_14934_14935_14936_14937_14938_14939_14940_14941_14942_14943_14944_14945_14946_14947_14948_14949_14950_14951_14952_14953_14954_14955_14956_14957_14958_14959_14960_14961_14962_14963_14964_14965_14966_14967_14968_14969_14970_14971_14972_14973_14974_14975_14976_14977_14978_14979_14980_14981_14982_14983_14984_14985_14986_14987_14988_14989_14990_14991_14992_14993_14994_14995_14996_14997_14998_14999_15000) 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for more information.

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COMPLETE LIST OF STATE-RECOGNIZED

SECONDARY CAREER AND TECHNICAL EDUCATION (CTE) PROGRAM CIP CODES

By Federal Career Cluster and Federal Classification of Instructional Program (CIP) Code

Updated May 2023

Current and Historical CIP Area Endorsements that Can Teach

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TRANSPORTATION, DISTRIBUTION, AND LOGISTICS CLUSTER

47.0609 AVIONICS MAINTENANCE TECHNOLOGY

FAA License must be on file.

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Avionics Maintenance Technology 47.0609

Aviation Operations 17.0400

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TRANSPORTATION, DISTRIBUTION, AND LOGISTICS CLUSTER

47.0613 MEDIUM/HEAVY TRUCK TECHNICIAN (ASE CERTIFIED)

Instructor must hold Automotive Service Excellence (ASE) certification in the areas they teach.

Note: ASE was formerly NATEF.

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Diesel Mechanic 17.1200

Medium/Heavy Truck Tech 47.0605

Medium/Heavy Truck Technician (ASE/NATEF Certified) 47.0613

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TRANSPORTATION, DISTRIBUTION, AND LOGISTICS CLUSTER

47.0616 MARINE MAINTENANCE

Not available for new CTE application.

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Marine Maintenance 47.0616

Marine Mechanics 17.2200

Seamanship 17.0801

Ship and Boat/Operation and Maintenance 17.0802

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TRANSPORTATION, DISTRIBUTION, AND LOGISTICS CLUSTER

49.0101 AERONAUTICS/AVIATION/AEROSPACE SCIENCE AND TECHNOLOGY, GENERAL (Commonly referred to as General Aviation-Drones)

Highly Recommended: Part 107-Remote Pilot Certificate

Per FAA requirement, the instructor must have the Part 107-Remote Pilot Certificate for outdoor flight instruction.

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

- Aeronautics/Aviation Aerospace Science and Technology 49.0101
- Airline/Commercial/Professional Pilot and Flight Crew 49.0102
- Aircraft Maintenance 17.0401
- Aircraft Mechanics 47.0602
- Aircraft Operations 17.0402

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TRANSPORTATION, DISTRIBUTION, AND LOGISTICS CLUSTER

**49.0102 AIRLINE/COMMERCIAL/PROFESSIONAL PILOT AND FLIGHT CREW
(Commonly referred to as Private Pilot)**

Required: Current FAA Flight Instructor Certification or Current FAA Basic Ground Instructor Certification

Instructors with the following CIPs may teach this program – Standard/Professional/Continuing teaching certificate not required:

Airline/Commercial/Professional Pilot and Flight Crew 49.0102
Aeronautics/Aviation Aerospace Science and Technology, General 49.0101
Aircraft Maintenance 17.0401
Aircraft Mechanics 47.0602
Aircraft Operations 17.0402

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