

Career Education Conference

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Brian Pyles, Ph.D.

State Director

Office of Career and Technical Education

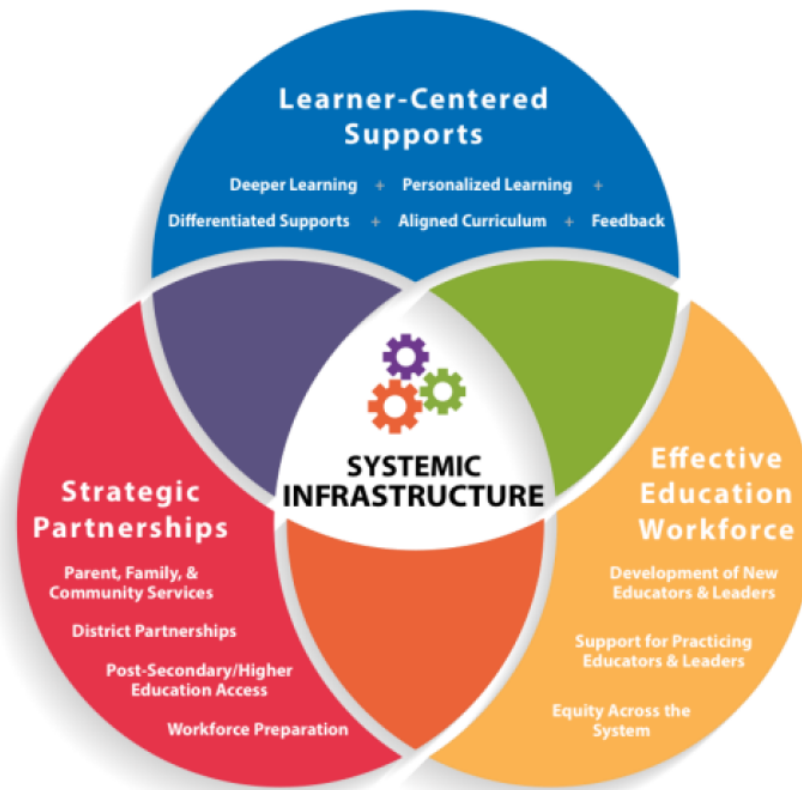




Focus Areas

In an effort to strategically plan the work with this new approach, MDE transferred the seven goals and 44 strategies into four main Focus Areas, as illustrated in the figure below.

TOP 10 IN 10 FOCUS AREAS



How does Career Education support Top 10 in 10?

To realize Michigan becoming a Top 10 education state within the next 10 years, the existing structure and system of education must be challenged and reshaped. Michigan must establish an educational system that grants indelible rights for all stakeholders to succeed – a system focused more on what is best for children and their learning. This is a framework of the strategic goals necessary to move Michigan forward.

STRATEGIC GOALS

- 1 Provide every child access to an aligned, high-quality P-20 system from early childhood to post-secondary attainment – through a multi-stakeholder collaboration with business and industry, labor, and higher education—to maximize lifetime learning and success.
- 2 Implement, with strong district and building leadership, high-quality instruction in every classroom through a highly coherent, child-centered instructional model where students meet their self-determined academic and personal goals to their highest potential.
- 3 Develop, support, and sustain a high-quality, prepared, and collaborative education workforce.
- 4 Reduce the impact of high-risk factors, including poverty, and provide equitable resources to meet the needs of all students to ensure that they have access to quality educational opportunities.
- 5 Ensure that parents/guardians are engaged and supported partners in their child's education.
- 6 Create a strong alignment and partnership with job providers, community colleges, and higher education to assure a prepared and quality future workforce, and informed and responsible citizens.
- 7 Further develop an innovative and cohesive state education agency that supports an aligned, coherent education system at all levels (state, ISD, district, and school).



putting Michigan on the map as a premier education state

Top 10 in 10 Information can be accessed here:

- <https://www.michigan.gov/mde/0,4615,7-140-80635---,00.html>

CTE Enrollment

110,316 Students

129,825 Duplicated Count

Revised CIP Codes Released

- **Education & Training**
 - 13.0000 Education
- **Family & Consumer Sciences**
 - 19.0000 Family and Consumer Sciences
- **Finance**
 - 52.0800 Finance and Financial Management Services
- **Transportation, Distribution & Logistics**
 - 47.0603 Collision Repair Technician (ASE Certified)
 - 47.0613 Medium/Heavy Truck Technician (ASE Certified)

Emerging CIP Codes Released

- **Energy**
 - 460502 Plumbing-Pipefitter and Sprinkler Fitter
- **Information Technology**
 - 11.1003 Computer and Information Systems Security/Information Assurance

Perkins V

- Strengthening Career & Technical Education For The 21st Century Act:
- Provisions of Perkins V benefiting college in high school programs.
 - Expand access for students to college in high school programs with a CTE focus.

Legislation

Public Act 227

Marshall Plan for Talent



Marshall Plan for Talent

- 9 Talent Consortia
 - Representing 260 entities
 - Awarded a total of nearly \$15 million

Marshall Plan for Talent

- Talent Consortia
 - 64 School Districts
 - 90 Businesses
 - 33 Postsecondary Institutions
 - 16 Industry Associations
 - 10 Michigan Works! Agencies
 - 47 Non-profit and other Organizations

Marshall Plan for Talent

The funding benefits more than 150,000 students and their communities statewide

Public Acts 229, 230, 231, & 242

- PA 229: Model Program of Instruction in Career Development, K - 12
- PA 230: Educational Development Plans
 - Career Exploration/Information
 - Talent Portfolios

Public Acts 229, 230, 231, & 242

- PA 231: Age appropriate career information resources in grades K – 12
 - Grades 6 – 12 Work-Based Learning (WBL) activities
 - Grade 12 Resume, letter of reference, school record, and talent portfolio

Public Acts 229, 230, 231, & 242

- PA 242: DTMB Posting of In-Demand Occupations



Career Awareness



Career Exploration



Career Preparation



Advanced Training & Employment



MICHIGAN CAREER DEVELOPMENT MODEL

December 2018



Data News



MISchoolData.org News

- Five exciting new reports on CTE students:
 - www.mischooldata.org
 - Choose “Career and Technical Education” from the K-12th Grade drop-down menu
 - Postsecondary certification or degree attainment, employment, and wages
 - Compares: No high school CTE, CTE Enrollees, Concentrators, Completers

Online Dashboard

PTD developed an online Dashboard for Perkins CPI and CTE enrollment data.

<https://www.cteis.com/>

MISchoolData.org News

- CEPI is developing a new CTE landing page for MISchoolData.org.
- It will include an interactive map showing where CTE programs are located and CEPD Administrator contact information.

Update On State Aid

- New for 2018-19: Section 61d
 - \$25 per student
 - Additional \$25 per student (high-demand career fields)
 - Funding goes to the district where the student is counted in membership
 - Plan is to distribute funds based on 17-18 enrollments and adjust based on actual 18-19 enrollments

Update On State Aid

- New 61b guidance documents on OCTE's website:
www.Michigan.gov/octe
 - Funding and Monitoring
 - CTE Funding and Monitoring
 - Perkins Federal Program
 - State School Aid Section 61.a1 (Added Cost)
 - Required Monitoring Activities
 - State School Aid Section 61b CTE Dual Enrollment
 - State School Aid 61b CTE Early Middle College

CTE Credentials List

- The credentials offered in each CTE program were collected on the 17-18 CTEIS 4483 enrollment report.
- OCTE worked with the CTEx team to compile and summarize the data.
- OCTE has provided a list of the credentials to the Talent Investment Agency.

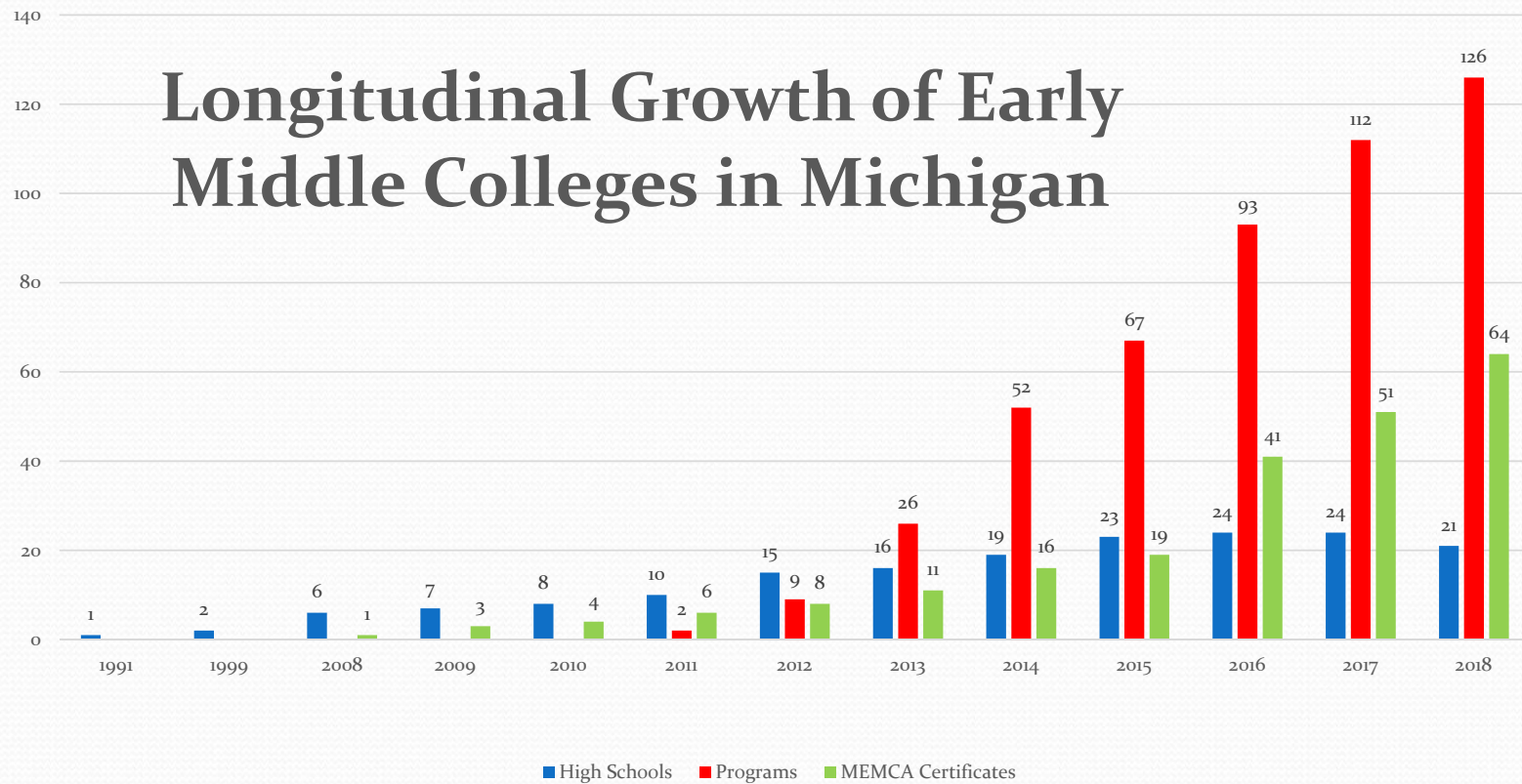
Early Middle College



Early Middle College Enrollment in Michigan

Year	09	10	11	12	Grand Total
2015	590	1,258	2,569	3,057	7,474
2016	616	1,375	2,970	4,201	9,162
2017	701	1,353	4,293	4,861	11,208

Longitudinal Growth of Early Middle Colleges in Michigan



Teacher Certification



Teacher Certification



Standard CTE Certificate

Valid for up to 5 years, the initial Standard CTE Certificate* is required for teaching in state-approved career and technical education programs in the area specified on the certificate.

Some teacher candidates may be employed while earning the certificate. However, they must meet the qualification requirements set forth in [Career and Technical Education Authorizations](#).

Candidates for initial certification who have completed a CTE education preparation program outside of Michigan must follow the guidance found at [Out-of-State Applicants](#).

Teacher candidates who have not completed an educator preparation program must work with a Michigan [educator preparation institution](#) approved to offer CTE programs and work with the institution to meet all of the following requirements:

1. Hold a bachelor's degree in any area.
2. Hold a major or minor in the field of specialization in which CTE certification is being requested.
3. Document work experience in the CTE area that has been earned within the last 6 years totaling a minimum of 2 years (4,000 hours).
4. Complete a minimum of 6 semester credit hours of professional or CTE education credit.
5. Pass the basic skills examination. Note: Beginning October 1, 2017, the Michigan Department of Education will be using the [SAT](#) as the basic skills examination. However, certification candidates should read this [Basic Skills Examinations](#) document BEFORE registering because assessments prior to October 1, 2017 may be accepted for certification.

Applicants apply through the [Michigan Online Educator Certification System \(MOECS\)](#) when program requirements have been met.

**The Standard CTE Certificate replaces the Interim Occupational Certificate pursuant to Administrative Rule 390.1101.*

Teacher Certification



Annual CTE Authorization

Districts seeking qualified individuals from business and industry to instruct in a state-approved Career and Technical Education (CTE) program may do so under an Annual CTE Authorization (formerly an AOA and now ACA). Only the employing district may apply for an ACA through the Michigan Online Educator Certification System ([MOECS](#)).

First year issued ACAs must meet the following conditions:

- Districts must verify they have hired the most qualified, and appropriate candidate for the assignment.
- The individual must possess a high school diploma or GED.
- The district must verify the applicant's work experience meets the recent and relevant requirement of 4,000 hours within ten years from the date of the application. For additional information see the [CTE: Recent and Relevant Experience Requirements](#).
- The individual must be assigned a mentor teacher.
- The ACA must be applied for, approved, and the fee paid prior to the individual entering the classroom.

A district may continue employing this individual if they meet all of the following renewal criteria:

- Verify the individual maintains 4,000 hours of experience. See [CTE: Recent and Relevant Experience Requirements](#).
- Continue with an assigned mentor teacher.
- Teacher has received professional development relevant to developing teaching skills that meet the needs of all learners, including training beyond the local level.
- Teacher has received CTE program-specific professional development consistent with all-aspects of the industry.
- Teacher has received a rating of effective or highly effective through their teacher evaluations.
- The ACA must be applied for, approved, and the fee paid prior to the individual entering the classroom for each school year.

To become a CTE certified instructor, an instructor will need to work with one of the [approved CTE educator preparation institutions](#) to receive a Standard CTE Certificate.

2018-6-13 v2

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408 W. Allegan Street • Lansing, MI 48921
Phone: 517.373.3110 | Email: MOECSsupport@michigan.gov



Teacher Certification



CTE: Recent and Relevant Experience Requirements

Districts seeking qualified individuals from business and industry to instruct in a state-approved Career and Technical Education (CTE) program may do so under an [Annual CTE Authorization](#)¹ (ACA). Experience must be recent and relevant to the CTE area for which the ACA is applied. These same guidelines apply when the recommendation for CTE certification is made by a Michigan Department of Education (MDE) approved educator preparation institution.

Recent Experience

Recent experience is that which is earned within the preceding ten-year period from the date of the ACA application or recommendation for CTE certification by an MDE approved educator preparation institution.

Candidates who hold a current and valid State of Michigan licensure or national certification in the CTE program area may include up to 4,000 hours used to obtain their original licensure. Examples include: Cosmetology license, Builders license, Registered Nurse license, Emergency Medical Technician license, Federal Aviation and Aeronautics (FAA) license, Automotive Service Excellence (ASE) certification, American Welding Society (AWS) certification, etc.

Teaching experience earned while employed under the ACA may be accepted by an [MDE approved CTE educator preparation institution](#)² for individuals pursuing a [Standard CTE Certificate](#)³. Educator preparation institutions will be required to document and maintain an individual's work experience in their files.

Relevant Experience

Relevant experience is that which is acquired through business or industry and employment has been directly related to the CTE area. See Career Cluster Frames at [Advance CTE](#)⁴ for examples of job titles. For questions about job titles not listed on the Career Cluster Frame, contact the appropriate [CTE program consultant](#)⁵.

¹ https://www.michigan.gov/documents/mde/AOA_530858_7.pdf

² https://www.michigan.gov/mde/0,4615,7-140-5683_14795---,00.html

³ https://www.michigan.gov/documents/mde/InterimOccupationalCert_530859_7.pdf

⁴ <https://careertech.org/>

⁵ https://www.michigan.gov/mde/0,4615,7-140-2629_53968---,00.html

Teacher Certification

COMPLETE LIST OF STATE-RECOGNIZED SECONDARY CAREER AND TECHNICAL EDUCATION (CTE) PROGRAM CIP CODES By Federal Career Cluster and Federal CIP Code

Updated July 2016

Current and Historical CIP Area Endorsements that Can Teach

*** Notates an expanded certification and requires a statement of assurances**

**If teacher only has IOC/OEC, they cannot be placed in any classroom other than a Michigan State Approved CTE program.
If local program is not Michigan State Approved CTE, teachers must have a provisional/professional/continuing teaching certificate with appropriate endorsement. Refer to Quick Reference: Courses That Can Be Taught**

AGRICULTURE, FOOD & NATURAL RESOURCES CLUSTER

01.0000 AGRICULTURE, AGRICULTURAL OPERATIONS AND RELATED SCIENCES

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

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

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 Agriculture Production 01.0301

If appropriately certified teacher not available, an Annual Occupational Authorization may be appropriate. Specialized work experience in CIP area must be within the 6 years prior to the date of the application.

1. IOC/OEC or Annual Occupational Authorization required for all state approved CTE programs. Age of credential will determine language on certificate.
2. If teacher only has IOC/OEC, they cannot be placed in any classroom other than state approved CTE.
3. Contracted programs must apply for Annual Occupational Authorization.
4. University or Community College notifies OCTE in writing annually that post-secondary faculty is teaching the secondary program no AOA required.

Thank you.
Dr. Brian L. Pyles
State Director for Career and Technical
Education
Michigan Department of Education
Office of Career and Technical Education
517-335-5224

