



STATE OF MICHIGAN
DEPARTMENT OF EDUCATION
LANSING

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GOVERNOR

MICHAEL F. RICE, Ph.D.
STATE SUPERINTENDENT

MEMORANDUM

DATE: September 7, 2021

TO: Career Education Planning District (CEPD) Directors, Career and Technical Education (CTE) Administrators, Career and Technical Education Teachers in Aviation

FROM: Brian L. Pyles, Ph.D., Director
Office of Career and Technical Education

SUBJECT: Aviation CIP Codes

A new Classification of Instructional Program (CIP) code is available for Aviation programs for the 2021-2022 school year. As part of the Career Pathways Grant (CPG) process to align programs with Perkins V requirements, it was determined that there should be separate CIP codes for aviation to distinguish between programs where students are flying planes in preparation for a private pilot license, and those that are in a general study of aviation and preparing students to fly unmanned aircraft systems (drones). As a result, existing programs may maintain the original CIP code (49.0101) or move to the new CIP code (49.0102) based on which matches the program content being delivered. CIP program descriptions and scenarios are provided in the tables below to guide the decision and action required.

<p>49.0101 Aeronautics/Aviation/Aerospace Science and Technology Commonly referred to as (General Aviation/Drones)</p>
<p>A program that focuses on the general study of aviation and the aviation industry, including in-flight and ground support operations. Includes instruction in the technical, business, and general aspects of air transportation systems.</p>
<p>49.0102 Airline/Commercial/Professional Pilot and Flight Crew Commonly referred to as (Private Pilot)</p>
<p>A program that prepares individuals to apply technical knowledge and skills to the flying and/or navigation of commercial passenger and cargo, agricultural, public service, corporate and rescue fixed wing aircraft. Includes instruction in principles of aircraft design and performance, aircraft flight systems and controls, flight crew operations and procedures, radio communications, navigation procedures and systems, airways safety and traffic regulations, and governmental rules and regulations pertaining to piloting aircraft. Programs may qualify individuals to sit for the Federal Aviation Administration (FAA) commercial and airline aircrew examinations.</p>

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Scenario	Action Required
Current 49.0101 programs where students are flying planes	Complete the new program application in the MDE-CTE Portal to move to the 49.0102 CIP for private pilot. A new Program Serial Number (PSN) will be issued in the Career and Technical Education Information System (CTEIS) for reporting enrollment in the 2021-2022 school year. Complete the required form Request to Remove State Approval of a CTE Program for the current 49.0101 PSN unless , that program will continue as a separate general aviation/drone program.
Current 49.0101 programs where students are not flying planes	No action required. Upon completion of the CPG process new competencies will be released that include small, unmanned aircraft systems (sUAS) (drones) for all 49.0101 programs in addition to general aviation competencies.
For new CTE program applicants	Complete the new program application in MDE-CTE Portal . Upon OCTE approval, a PSN will be generated in CTEIS so enrollment can be entered for the 2021-2022 school year.

Pending completion of the CPG process for Aviation, the new CIP Overview documents, which include standards alignment tabs, will replace the gap analysis document. Teachers in the Aviation programs will no longer need to fill out and submit a gap analysis in the CTE Portal as part of the CIP Self-Review (SR). Resources will be posted on the [CTE Instructional Resources, by Career Cluster](#) page of the OCTE website. Students in these programs will benefit by having separate program options to align with their career goals that may include obtaining the private pilot's license or gaining an understanding of general aviation and earning a credential.

The Michigan Perkins V state plan for career and technical education supports the [Michigan's Top 10 Strategic Education Plan](#) to:

- Expand secondary learning opportunities for all students
- Increase the percentage of all students who graduate from high school
- Increase the percentage of adults with a post-secondary credential

On May 29, 2020, the United States Department of Education (USED) approved the Michigan 4-year State Plan, covering Fiscal Years (FY) 2020-23, to implement the requirements of the Carl D. Perkins Career and Technical Education (CTE) Act of 2006, as amended by the Strengthening Career and Technical Education for the 21st Century Act (Perkins V). Michigan is required to implement postsecondary recognized credentials for each CTE state-approved program.

Please direct questions to Dorthy Switalski, Education Consultant at switalskid@michigan.gov.