



Department of Higher Education

Mike DeWine, Governor
Randy Gardner, Chancellor

Memorandum

To: Chief Academic Officers and Provosts

From: Dr. Paula Compton, Associate Vice Chancellor, Ohio Articulation and Transfer Network

Date: August 16, 2019

Subject: Updated Career-Technical Assurance Guide (CTAG): Mechanical Engineering Technology

I am pleased to announce an updated Career-Technical Assurance Guide (CTAG) that facilitates transfer from Ohio's Public Secondary Career-Technical Institutions to Ohio's Public Colleges and Universities in the area of Mechanical Engineering Technology. This memo provides an overview of the CTAG and also addresses expected compliance of post-secondary institutions.

Mechanical Engineering Technology

The Mechanical Engineering Technology CTAG was created through the Secondary Career-Technical Alignment Initiative (SCTAI), a collaborative effort between the Ohio Department of Higher Education (ODHE) and the Ohio Department of Education (ODE), which supports the legislative mandates in ORC 3333.162. Post-secondary faculty experts from two-year and four-year institutions, across the state, worked on the learning outcomes, which have been endorsed statewide. Faculty experts from two-year and four-year institutions across the state worked on the initiative to ensure similar academic content by examining and providing input into the ODE Technical Content Standards and aligning those standards with post-secondary learning outcomes. A survey was sent to all of Ohio's Public Colleges and Universities for review, comment, and endorsement. The attached assurance guide details the criteria that will provide secondary career-technical students the opportunity to earn credit for the approved CTANs.

The Mechanical Engineering Technology CTAG includes the following courses (CTANs):

CTMET004/OET010	Manufacturing Processes (Updated)
CTMET005/ OET012	Computer Aided Design/Drafting
CTMET006	CNC Programming/Machining (NEW)

Please see attached CTAG document for course descriptions and identified learning outcomes.

Compliance Expectations

Please see the attached expected compliance chart, which shows courses identified by faculty in the survey process that match the learning outcomes for the CTANs. Manufacturing Processes and Computer Aided Design/Drafting are TAG courses, which do not require submissions if your institution has already been approved to teach the TAG.

For questions regarding the CTAG or about course equivalency and institutional compliance expectations, please contact Nikki Wearly, Associate Director Secondary Career-Technical Alignment Initiative (SCTAI), nwearly@highered.ohio.gov or 614-728-2662.

Faculty Review Panel

A faculty panel will be composed to conduct reviews for courses submitted through CEMS. If you are aware of a faculty member who could potentially serve as a panel member for the Mechanical Engineering Technology CTAG course equivalency review process, please follow [the link](#) to submit your nomination:

I would like to thank all of those involved in this process for their dedication and support. The names of the faculty participants are listed on page 3 of the CTAG. For technical assistance with a submission, please contact Shane DeGarmo, Associate Director of Career-Technical Transfer Initiatives, sdegarmo@highered.ohio.gov.