



Department of  
Higher Education

John R. Kasich, Governor  
John Carey, Chancellor

## Memorandum

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**To:** Chief Academic Officers and Provosts

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

**Date:** November 16, 2016

**Subject:** Updated Career-Technical Assurance Guide (CTAG): Renewable Energy

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I am pleased to announce an update to the 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 Renewable Energy. This memo provides an overview of the Renewable Energy CTAG and also addresses the need for the participation of post-secondary institutions.

### **Renewable Energy**

The Renewable Energy CTAG was recently updated 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. 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 then 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. Findings favored the continuation of a statewide agreement in Renewable Energy and the addition of one new Career-Technical Articulation Number (CTAN), Wind Energy, for statewide articulation among Ohio's secondary and post-secondary institutions. In addition, the two existing CTANs for the Renewable Energy CTAG have been updated. The attached assurance guide details the criteria that will provide secondary career-technical students the opportunity to earn post-secondary credit for the approved CTANs below.

### **The Renewable Energy CTAG includes the following courses (CTANs):**

**CTAE001/ORE001 – Introduction to Alternative and Renewable Energy**  
**CTAE002/ORE005 – Wind Energy**  
**CTSP001/ORE003 – Solar Photovoltaic**

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

**TAG Approval Process/Compliance:** All of the aforementioned CTANs are existing TAG courses. Institutions that received TAG approval do not need to take further action. ODHE will copy the approved matches in the Course Equivalency Management System (CEMS) on your institution's behalf. **Institutions that do not already have TAG approval must complete the TAG submission and approval process before (CT)<sup>2</sup> approval can be granted.** Providing a submission no later than January 16, 2017, will allow the course(s) to be reviewed in the next review cycle.

**Compliance Expectations:** Also attached to this correspondence, is an expected compliance chart, which shows courses identified to match the learning outcomes for the CTANs in this memo. For questions pertaining to course equivalency and institutional compliance expectations, please contact Nikki Lewis, Associate Director of Secondary Career-Technical Alignment Initiative (SCTAI), [nlewis@highered.ohio.gov](mailto:nlewis@highered.ohio.gov) or 614-728-2662.

For questions pertaining to TAG compliance and course approvals, please contact Hideo Tsuchida, Director of Articulation and Transfer Policy, [htsuchida@highered.ohio.gov](mailto:htsuchida@highered.ohio.gov), 614-644-0642 or Michelle Blaney, Administrator of Articulation and Transfer Policy, [mblaney@highered.ohio.gov](mailto:mblaney@highered.ohio.gov), 614-644-9601.

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 5 of the Renewable Energy CTAG. If you have any questions in reference to the content of the Renewable Energy CTAG, please contact Jamilah Tucker, Director of Career-Technical Transfer Initiatives, [jjones@highered.ohio.gov](mailto:jjones@highered.ohio.gov), 614-466-0543 or Monique Menefee-Proffitt, Associate Director of Career-Technical Transfer Initiatives, [mmenefee-proffitt@highered.ohio.gov](mailto:mmenefee-proffitt@highered.ohio.gov), 614-387-1022. For technical assistance with submissions, please contact Ryan Cupp, Administrator Career-Technical Transfer Initiatives, [rcupp@highered.ohio.gov](mailto:rcupp@highered.ohio.gov), 614-752-9474.

Enclosures (2)