Memorandum

To: Secondary Career-Technical Directors and Superintendents
From: Dr. Paula Compton, Associate Vice Chancellor, Articulation and Transfer
Date: September 19, 2016

I am pleased to announce a new 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 Agribusiness and Production Systems. This memo provides an overview of the Agribusiness and Production Systems CTAG and also addresses the need for the participation of secondary institutions.

Agribusiness and Production Systems
The Agribusiness and Production Systems 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. 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 creation of a statewide agreement in Agribusiness and Production Systems and the addition of three new Career-Technical Articulation Numbers (CTANs), for statewide articulation. 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 Agribusiness and Production Systems CTAG includes the following CTANs:

<table>
<thead>
<tr>
<th>Career-Technical Articulation Numbers (CTANs)</th>
<th>Ohio Department of Education (ODE) EMIS Number and Course Name</th>
<th>Student Requirements for CTAG Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTAGP001- Crop Production</td>
<td>010620- Agronomic Systems</td>
<td>End-of-Course Qualifying Score Unavailable</td>
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<tr>
<td>CTAGP002- Soil Fertility and Fertilizers</td>
<td>010610 Greenhouse and Nursery Management</td>
<td>End-of-Course Exam Score of 50 or higher</td>
</tr>
<tr>
<td>CTAGP003- Agribusiness Management</td>
<td>010115- Business Management for Agriculture and Environmental Systems</td>
<td>End-of-Course Exam Score of 50 or higher</td>
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</table>
With the Ohio Department of Education’s shift from offering programs to courses, the CTAG submission and approval process, in some cases, has changed for secondary institutions.

**Full Faculty Review:** For CTAN CTAGP001-Crop Production [ODE Course, Agronomic Systems (EMIS CODE-010620)] a full faculty review is required. When completing course submissions through the Course Equivalency Management System (CEMS), a narrative description of the course is required for review by a statewide faculty panel. The CTAN may be switched in the near future to submission by Certificate of Affirmation, pending final field test exam information from the Ohio Department of Education. If this occurs, an announcement will be sent to the institutions who may submit a Certificate of Affirmation Form for this CTAN. In the interim a full submission is required.

**Certificate of Affirmation:** For CTAN CTAGP002- Soil Fertility and Fertilizers [ODE Course Greenhouse and Nursery Management (EMIS CODE 010610, End-of-Course qualifying score of 50 or higher)] and, CTAGP003-Agribusiness Management [ODE Course, Business Management for Agriculture and Environmental Systems (EMIS CODE- 010115, End-of-Course qualifying score of 50 or higher)] the Certificate of Affirmation may be submitted in CEMS. The form may be located at this website, [https://www.ohiohighered.org/transfer/ct2/affirmation](https://www.ohiohighered.org/transfer/ct2/affirmation).

**Process for Students to Earn Credit:**

The following steps must occur for secondary students to have the opportunity to access college credit for this course:

1. Secondary institutions must submit their course information to CEMS for each CTAN taught at the institution and according to the submission requirements for each CTAN. Faculty Panels working with the ODHE will review the submissions and determine the institution’s approval status for the Agribusiness and Production Systems CTANs. Course alignments are shown in Table A.

2. Students must accomplish both a & b outlined below:
   a) Pass the ODE aligned course with a “C” or greater
   b) Pass the corresponding End-of-Course examination with a qualifying score (for those CTANs requiring the examination)

3. Students must then work with their secondary institution(s) to ensure that their official high school transcript, official WebXam™ score, and the (CT)² Verification Form, available at the ODHE website [https://www.ohiohighered.org/node/5076](https://www.ohiohighered.org/node/5076), are submitted to the post-secondary institution(s) where the student chooses to enroll. The post-secondary institution must also be a participant of the statewide agreement or offer the career-technical discipline in order to facilitate transfer.

If your institution offers any of the CTANs listed in Table A, please submit the course(s) and supporting documents through the CEMS for review. Providing a submission no later than September 26, 2016 will allow the course and required documentation to be reviewed in the next review cycle. All institutions will need to make a submission for the aforementioned CTANs if they have comparable courses.

I would like to thank all of those involved in this process for their dedication and support. The names of the faculty participates are listed on page 5 of the Agribusiness and Production Systems CTAG. If you have any questions in reference to content of the Agribusiness and Production Systems CTAG, please contact Jamilah Tucker, Director of Career-Technical Transfer Initiatives, jjones@highered.ohio.gov, 614-466-0543 or Monique Menefee-Proftt, Associate Director of Career-Technical Transfer Initiatives, mmenefee-profitt@highered.ohio.gov, 614-387-1022. For technical assistance with a submission, please contact Ryan Cupp, Administrator of Career-Technical Transfer Initiatives, rcupp@highered.ohio.gov, 614-752-9474.

Enclosure (1)