



Department of Higher Education

Mike DeWine, Governor
Randy Gardner, Chancellor

Memorandum

To: Career-Technical Center Directors and Superintendents
From: Dr. Paula Compton, Associate Vice Chancellor, Ohio Articulation and Transfer Network
Date: August 12, 2021
Subject: Career-Technical Assurance Guide (CTAG): Biotechnology for Health and Disease

I am pleased to announce a 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 Biotechnology for Health and Disease. This memo provides an overview of the new CTAG and the expanded alignment of the current Biotechnology Principles CTAN.

Biotechnology

The Biotechnology Principles CTAN in the Biotechnology for Food, Plant and Animal Science CTAG, was reviewed 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, reviewed the current learning outcomes for the CTAN, which have been endorsed statewide. They determined that the Biotechnology Principles CTAN could not only align to the current Animal and Plant Biotechnology ODE course, but also the Biotechnology of Health and Disease ODE course. Faculty experts from two-year and four-year institutions across the state worked on the initiative to ensure appropriate alignment to 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 and Ohio Technical Center students the opportunity to earn credit for the approved Career-Technical Articulation Numbers (CTAN).

Table with 2 columns: Career-Technical Articulation Number (CTAN) and Ohio Department of Education (ODE) EMIS Numbers and Course Names. Row 1: CTBTC001 - Biotechnology Principles; 012010 - Animal and Plant Biotechnology Or 072125 - Biotechnology of Health and Disease

The following steps must occur for secondary students to access college credit for these courses:

- 1. Secondary institutions must have pathway approval from the Ohio Department of Education. Certificate of Affirmation assurances are now incorporated into the CTE-26 application process. This assures that faculty teaching the course recognize that the course provides an opportunity for articulated credit and will adhere to the SCAI alignment document as part of the course delivery.
a. Courses in the approved pathway will automatically be generated and appear as approved CTANs in the Course Equivalency Management System (CEMS).

- b. Institutions with prior pathway approval need not act at this time.
2. Students must pass the course and corresponding End-of-Course examination with a qualifying score, which will be determined at the end of the 21/22 school year.
3. Eligible students' assessment data will be accessible by Ohio's public colleges and universities in the Higher Education Information System (HEI) by way of the Career-Technical Articulation Verification (CTAV). CTAV has replaced the paper Verification Form.

If you have any questions regarding the CTAG, please contact:

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