Career-Technical Credit Transfer (CT)²
Graphics Career-Technical Assurance Guide (CTAG)
August 16, 2019

The following courses, indicated by a Career-Technical Articulation Number (CTAN), are eligible for transfer among (CT)² approved programs/courses and state institutions of higher education.

The following CTANS each represent one new course which is the result of combining two existing courses. Postsecondary faculty reviewed the existing courses and found significant overlap from two ODE pathways. As a result, the Graphics CTAG has applicability for secondary students taking courses from both the Interactive Media and Visual Design & Imaging CTAGs. The SCTAI alignment document with ODE competencies and post-secondary learning outcomes is available on the ODHE website at https://www.ohiohighered.org/transfer/ct2/ctags.

CTGRPH001 - Raster Graphics	Credits: 3 Semester Hours
Advising Notes: To access postsecondary credit for this CTAN, the student: • Matriculate to an institution of higher education with an approved or comparable program within 3 years after completing the approved secondary program • Successfully complete ODE secondary course **Creating and Editing Digital Graphics (145100)** and earn a qualifying score of **55 or higher** on the End of Course examination; or • Successfully complete ODE secondary course **Digital Image Editing (340120)** and earn a qualifying score of **44 or higher** on the End of Course examination This class will utilize Adobe Photoshop (most current version available).	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.
CTGRPH002 - Vector Graphics	Credits: 3 Semester Hours
Advising Notes: To access postsecondary credit for this CTAN, the student must: • Matriculate to an institution of higher education with an approved or comparable program within 3 years after completing the approved secondary program • Successfully complete ODE secondary course **Multimedia and Image Management Techniques (145105)** and earn a qualifying score of **60 or higher** on the End of Course examination; or • Successfully complete ODE secondary course **Visual Distribution (340330)** and earn a qualifying score of **38 or higher** on the End of Course examination This class will utilize Adobe Illustrator (most current version available).	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.

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This CTAN identifies the learning outcomes that are equivalent or common in an introductory technical course. To receive credit under these agreements, the career-technical programs and the state institutions of higher education must document that their course/program content matches the learning outcomes in the CTANs.

Requirements and Credit Conditions:

1. The receiving institution must have a comparable program, major, or courses that have been approved through submission to the Ohio Department of Higher Education (CT)^2 approval process for the CTANs listed in this document.
2. Credits apply to courses in the specified technical area at Ohio's public institutions of higher education, provided the institution offers courses in the specific technical area. In the absence of an equivalent course, and when the institution offers the technical program, the receiving institution will guarantee to grant and apply an equivalent credit value of the Career-Technical Articulation Number (CTAN) toward the technical requirements of the specific degree/certificate program.
3. The applicant must provide proof to the receiving institution that they successfully completed a course that has been approved through the (CT)^2 approval process and that they earned a qualifying score on the end of course examination.
4. A career-technical student seeking credit under the terms of this CTAG must apply and be accepted to the college within three years of completing a career-technical education program or within the currency of the industry certificate or license.
5. A career-technical student who meets all eligibility criteria will receive the credit hour value for the comparable course(s) as offered at the receiving state institution of higher education.
6. The admission requirements of individual institutions and/or programs are unaffected by the implementation of (CT)^2 outcomes.
7. The transfer of credit through this CTAG will not exempt a student from the residency requirements at the receiving institution.

CTGRPH001 - Raster Graphics

General Course Description: This course will teach the student how to create, edit, manipulate, and manage digital imagery using Adobe Photoshop. Student will use techniques that focus on visual communication and various mediums including print, web, and multimedia. Students manipulate images by improving image quality, adding graphic design elements, and building compositions for the use in other interactive media projects or as their own documents. Raster graphics will be exported using the appropriate output method for their intended use.

Credits: 3 Semester Hours

Learning Outcomes:
Outcomes marked with an asterisk are essential and must be taught.

1. *Explain how problem-solving is used to complete the creative process from concept development through revisions to final output.
2. *Create and edit raster graphics using industry standard software.
3. *Apply editing techniques using raster graphics in a layout.
4. *Generate images in the appropriate output format for intended use.

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CTGRPH002 - Vector Graphics

General Course Description: Vector Graphics focus on the creation and editing of resolution-independent images. This course will enable the student to employ digital drawing tools and the elements and principles of design to create vector graphics and illustrations. The student's projects will be based on conceptual sketches transferred to the computer utilizing digital illustration practices and techniques. The vector graphics and digital illustrations will be created for independent compositions or layouts and exported using the appropriate output method for their intended use.

Credits: 3 Semester Hours

Learning Outcomes:
Outcomes marked with an asterisk are essential and must be taught.

1. *Research principles of illustration and use problem solving to complete the creative process for creating vector graphics.
2. *Create and edit vector graphics and illustrations using digital drawing tools in industry standard software.
3. *Use vector graphics and illustrations in a layout.
4. *Generate images in the appropriate output format for intended use.

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Graphics CTAG Faculty Panel

May 2019

Scott Dawson	Clark State Community College	Lead Expert
Michelle Lash	Stark State	Faculty Panel
Juan Contreras	The University of Akron	Faculty Panel
Michael Vanderpool	Northwest State Community College	Faculty Panel
Thomas Castillo	Bowling Green State University	Faculty Panel
Anne Skuce	Ohio Department of Higher Education	
Nikki Wearly	Ohio Department of Higher Education	

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