ARTICULATION AGREEMENT BETWEEN
TOLLES CAREER AND TECHNICAL CENTER ENGINEERING TECHNOLOGY
PROGRAM
AND
CENTRAL OHIO TECHNICAL COLLEGE ENGINEERING TECHNOLOGY
PROGRAM
2012-2014

Articulation credit to postsecondary programs for relevant high school courses (1) eliminates unnecessary duplication of learning and (2) saves students time and tuition in the pursuit of higher education. Recognizing the need for such agreements, Central Ohio Technical College (COTC) agrees to grant articulation credit to students completing Tolles Career and Technical Center Engineering Technology Program courses, as follows:

1. The student must be graduated from high school and must have completed the specified course(s) with a grade of A or B or C.

2. The course instructor(s) must review and complete the articulation form (see attached copy) and send it to COTC.

3. The articulated courses will be transcripted at COTC once the student registers for COTC coursework.

There will be no charge for college credit awarded through this agreement, although COTC may charge a small fee for the administration of the student's record. For the purposes of compliance with state and regional accreditation standards, COTC reserves the right to review the credentials—including, but not limited to, college transcripts and resumes—of the instructors of articulated courses.

The administrators and faculty of the program at both levels pledge their commitment and support to continuing this relationship and to promoting these articulation opportunities to the students.

Tolles Career and Technical Center

[Signature]
Superintendent
Date

[Signature]
Principal
Date

[Signature]
Senior Instructor/Supervisor
Date

Central Ohio Technical College

[Signature]
President
Date

[Signature]
Chief Academic Officer
Date

[Signature]
Academic Dean
Date

[Signature]
Faculty Representative
Date

3/5/2013
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Instructions to Apply for College Credit

The articulation agreement between the Tolles Career and Technical Center Engineering Technology Program and Central Ohio Technical College enables high school graduates to receive college credit at COTC for selected courses upon evidence of competency in technology courses that are deemed equivalent to those in the attached list.

Instructions to the Student:

You must have an A, B, or C in the course to earn the college credit.

If you think that the courses in question might qualify for articulation credit, fill out the first part of the attached form. Take the form to your technology teacher(s), who will review the courses and, if applicable, estimate that the courses meet the criteria for the corresponding college courses listed in this agreement. The teacher(s) will make a recommendation for your receiving articulation credit by completing the form, attaching an official transcript, and sending these materials to COTC. Staff persons at COTC will review the materials and, if appropriate, grant recommended credit.

Instructions to the High School Teacher:

Please read the attached form carefully before filling it out. Students must (1) have covered competencies listed for the COTC course(s) in question and (2) have mastered these competencies in their technology courses at an A, B, or C level. Verify that each goal has been met at the appropriate level by initialing, signing, and dating the form. Please attach the student's official transcript.

Your signature certifies that, in your estimation, the high school courses meet all articulation criteria for the indicated COTC courses and that the student has, to your knowledge, completed successfully those courses eligible for articulation. Mail the competed form to: Records and Registration, Central Ohio Technical College, 1179 University Drive, Newark, OH 43055. If you have any questions about articulation with COTC, contact the Administrative Dean for Academic Affairs at 740-364-9614.
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RECOMMENDATION FORM FOR COLLEGE CREDIT

To be completed by the student:

Student Name: __________________________________________________________

Address: ________________________________________________________________

Street  City  State  Zip

Home Phone ( ) ___________________  Work Phone: ( ) ____________________

Expected High School Graduation Date: ________________________________

Month  Year

I agree to permit my high school teacher(s) to provide COTC with the information on this form
and understand that articulated credit might apply only to a degree or certificate at COTC and
might not be transferrable to another college or university.

Student Signature: ____________________________________________________

Date: __________________________

To be completed by the high school teacher(s):

Teacher Name(s): ______________________________________________________

High School Name: _____________________________________________________

School Address: ________________________________________________________

Street  City  State  Zip

School Phone Number: ( ) __________________________

As indicated by my initials next to the attached course description(s), I consider that my former
student has achieved the indicated knowledge and skills at a level of “A”, “B”, or “C”.

Teacher Signature(s): __________________________________________________

Date: __________________________

Supervisor Signature: __________________________________________________

Date: __________________________

Recommendation for credit for: ________________________________

(student name)

3/5/2013
<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>Teacher's Initials</th>
<th>COTC Course Available for credit</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td><strong>ARCH-110 CAD Fundamentals</strong> (2 credits)</td>
</tr>
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<td></td>
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<td>This course covers two-dimensional drawing, viewing and editing commands of the CAD system. The student will learn to construct dimensioned orthographic and will gain familiarity with the system hardware, peripherals, and software.</td>
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<tr>
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<td><strong>CIVIL-235 Structural Steel and Concrete</strong> (2 credits)</td>
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<tr>
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<td></td>
<td>This course covers the fundamentals of structural steel and reinforced concrete designing and drafting. Focus is on practices and methods used in the graphical representation of structural steel and reinforced concrete structures. Basic stress calculations and design concepts are studied for use in simplified design and detailing.</td>
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<tr>
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<td><strong>CIVIL-240 Statics and Strengths of Materials I</strong> (2 credits)</td>
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<td>This course includes the study of static forces and the resultant stress, strain, deformation, failure and strength requirements in straight line tension structures, compression and bearing members, shear elements, torsion elements, and angled structures.</td>
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<tr>
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<td></td>
<td><strong>CIVIL-241 Statics and Strengths of Materials II</strong> (2 credits)</td>
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<td></td>
<td>This course includes the study of static forces and equilibrium and the resultant stress, strain, shear and bending considerations in the design and selection of trusses, rectangular beams, built up beams and standard structural members.</td>
</tr>
</tbody>
</table>
ENGRTRCH-110 Mechanical Systems (3 credits)

Mechanical elements of power transmission including gears, levels, chains, belts, and pulleys are introduced and the student will learn basic design rules for these elements. The course also includes analysis of simple power trains and linkage devices, the study of the nature of gear tooth contact, as well as the study of fixtures and bolted joints.