ARTICULATION AGREEMENT BETWEEN
EASTLAND-FAIRFIELD CAREER CENTER ELECTRONICS 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 Eastland-Fairfield Career Center Electronics 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.

Eastland-Fairfield Career and Technical Schools

Bonnie Hopewell
Superintendent
6/19/12

Central Ohio Technical College

Bonnie L. Co., Ph.D.
President
7/13/12

R. Myers
Vice President, Academic Affairs
7/13/2012

Julie D. DeLaPace
Academic Dean
7/9/12

Jackie Clark
Faculty Representative
7/15/12

Principal
6/27/12

Senior Instructor/Supervisor
6/27/12

6/13/2012 RDI
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Instructions to Apply for College Credit

The articulation agreement between the Eastland-Fairfield Career Center Electronics 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 completed 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)

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<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>Teacher’s Initials</th>
<th>COTC Course Available for credit</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td><strong>ENGRTECH-113 Circuits I</strong> (3 credits)</td>
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<td>This introductory course presents the terminology and concepts necessary for understanding electrical units and laws and circuit analysis. Topics of study include direct current sources, series and parallel circuits, Ohm’s law, Kirchoff’s Laws, resistance, power, mesh analyses, capacitance, and inductance. Laboratory sessions include experiments, both simulated and bread boarded, verifying the lecture material through the proper use of voltmeters, ammeters, ohmmeters, and DC power supplies.</td>
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<td><strong>ENGRTECH-213 Circuits II</strong> (3 credits)</td>
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<td>The concepts introduced in Circuits I are reviewed and applied to AC circuits. AC phasers, AC series and parallel networks, impedance, resonance, transformers and three phase power are new topics covered in this course. Laboratory experience includes use of function generators and oscilloscope, both simulated and real.</td>
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<tr>
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<td><strong>ENGRTECH-225 Communication Electronics I</strong> (3 credits)</td>
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<td>This course covers the theory and operation of commonly used analog and digital communications systems and introduces the operation of power supplies, oscillators, AF and RF amplifiers, AM Transmitters and Receivers, and SSB devices. Fundamental theory, design and construction issues and troubleshooting techniques are discussed. Laboratory experiments consist of the construction and operation of basic circuits, and test and repair, using specialized test equipment.</td>
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