

2014-2015 Academic Year

Plan of Study for the COTC Certificate in

**ENGINEERING TECHNOLOGY -**

**Computer Aided Drafting-Architectural**

<b>Datatel Program Code</b>	<b>EGRCA.CER</b>
<b>COTC Major Number</b>	<b>003421</b>
<b>CIP Code</b>	<b>15.1302</b>

Successful completion of this Computer Aided Drafting-Architectural COTC Certificate will prepare the student for entry level employment as a CAD drafter.

This Certificate is available to individuals who complete the identified 16.00 credit hours listed below

A minimum of 10.00 credit hours toward this Certificate must be taken at COTC.

A grade of C (2.00) or better is required for all courses listed as prerequisites for advanced courses (as indicated by the # next to Course Name).

**KEY:**

\* Indicates this course has a prerequisite; please see the Course Description Section on the COTC Web Page

# Indicates this course requires a C grade or better for EGRCA.CER students in order to progress and graduate from the program

NT - Indicates this course fulfills a Non-Technical Course Requirement on this Plan of Study

NT Elec - Indicates Elective Choice in the Non-Technical course requirement category

T - Indicates this course fulfills a Technical Course Requirement on this Plan of Study

T Elec - Indicates Elective Choice in the Technical course requirement category

TAG, C-TAG, OTM - Designation in this column indicates this course has been approved by the Ohio Board of Regents as a Transfer Assurance Guide (TAG), Career Technical Assurance Guide (C-TAG), or Ohio Transfer Module (OTM) course. Please follow this link on the COTC web site for more information: <http://www.cotc.edu/current-students/tags-transfer-module/Pages/index.aspx>

Course Name	Course Title	Course Credit Hours	Weekly Contact Hours	Tech, Non-Tech or Elective	Semester(s) Course Offered	SEM Course Approved As A TAG, C-TAG or OTM	Equivalent Quarter Course	Equivalent Quarter Cr Hrs
<b>SEMESTER 1</b>								
# ARCH-110	CAD Fundamentals	2.00	3.00	T	AU	----	DDT-3706 & DDT-3707	2.00 & 2.00
ARCH-115	3D Design with SketchUp	1.50	2.50	T	AU	----	DDT-3759	2.00
ARCH-135	Technical Drawing	3.00	5.00	T	AU	----	DDT-3728 & DDT-3758	3.00 & 3.00
ENGR-100	INTRODUCTION TO ENGINEERING TECHNOLOGIES	1.00	1.00	T	AU	----	None	----
ENGR-106	COMPUTER APPLICATIONS FOR ENGINEERING TECHNOLOGIES	2.00	3.00	T	AU	----	None	----
<b>TOTAL CREDIT &amp; CONTACT HOURS</b>		<b>9.50</b>	<b>14.50</b>					
<b>SEMESTER 2</b>								
* ARCH-111	Advanced CAD	2.00	3.00	T	SP	----	DDT-3707 & DDT-3708	2.00 & 2.00
* ARCH-125	Revit Architecture	1.50	2.50	T	SP	----	DDT-3705	2.00
* ARCH-190	Architecture I	3.00	5.00	T	SP	----	DDT-3766	4.00
<b>TOTAL CREDIT &amp; CONTACT HOURS</b>		<b>6.50</b>	<b>10.50</b>					

<b>Total Semester Credit Hours Required for Completion of Degree</b>	<b>16.00</b>
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<i>Non-Technical Required Semester Credit Hours</i>	0.00
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<i>Technical Required Semester Credit Hours</i>	16.00
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