Central Ohio Technical College

2013-2014 Academic Year

Plan of Study for the COTC Certificate in

ENGINEERING TECHNOLOGY -

Computer Aided Drafting-Architectural

Datatel Program Code	EGRCA.CER
COTC Major Number	003421
CIP Code	15.1302

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 Technical category courses listed as prerequisites for advanced courses.

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

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
SEMESTER 1								
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	-----
	TOTAL CREDIT & CONTACT HOURS	9.50	14.50					
SEMESTER 2								
* 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
	TOTAL CREDIT & CONTACT HOURS	6.50	10.50					

Total Semester Credit Hours Required for Completion of Degree	**16.00**
Non-Technical Required Semester Credit Hours	0.00
Technical Required Semester Credit Hours	16.00

The College Reserves the Right to Change Curricula Without Notice.

PUBLISHED APRIL, 2013