

Datatel Program Code	ACDCA.CER
COTC Major Number	003323 OR 003015
CIP Code	15.1302

Successful completion of this Computer Aided Drafting Certificate will prepare the student for entry level employment as a CAD drafter. This Certificate is available to individuals who complete the identified 16 credit hours listed below.

A minimum of 8 credit hours toward this Certificate must be taken at COTC.

A grade of C (2.00) or better is required for all Drafting & Design Technology 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 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-135	Technical Drawing	3.00	5.00	T	AU	-----	DDT-3728 & DDT-3758	3.00 & 3.00
ARCH-150	Introduction to Design	2.50	4.50	T	AU	-----	DDT-3757	4.00
	Technical Elective	1.50	1.50	T Elec	See Choices Below			
TOTAL CREDIT & CONTACT HOURS		9.00	1.50					
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
CIVIL-120	AutoDesk Civil 3D	1.50	2.50	T	SP	-----	DDT-3704	2.00
* CIVIL-235	Structural Steel & Concrete	2.00	4.00	T	SP	-----	DDT-3771	3.00
TOTAL CREDIT & CONTACT HOURS		7.00	12.00					

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

Technical Elective								
Total of 1.50 Semester Credit Hours Required to Complete this Degree								
ARCH-115	3D Design with SketchUp	1.50	2.50	T	AU	-----	DDT-3759	2.00
CIVIL-160	Introduction to Civil Engineering Technology	2.00	3.00	T	AU	-----	DDT-3731	3.00

The College Reserves the Right to Change Curricula Without Notice.