

Datatel Program Code	<b>ACDCA.CER</b>
COTC Major Number	<b>003323</b>
CIP Code	<b>15.1302</b>

In Autumn 2012, Central Ohio Technical College will convert from the Quarter system (4 quarters per academic year) to the Semester system (2 Semesters and 1 Summer Session per academic year). Students entering COTC in Summer 2011, Autumn 2011, Winter 2012, Spring 2012, or Summer 2012 will begin their program in Quarters.

COTC makes the following three guarantees to all students who will transition from the quarter system into the semester system:

- 1) No loss of academic progress;
- 2) No delay in time to degree completion/graduation; and
- 3) No increase in total tuition and fees expended for the degree system to the program.

If transitioning from the Quarter to the Semester system, please visit the COTC "Think Semesters" web page

<http://www.cotc.edu/ThinkSemesters/Pages/default.aspx>

regularly for updates and for important additional information.

*Students should meet with their Academic Advisor to map out individual paths to their degree.*

A grade of C (2.00) or better is required for all Architectural and Civil Design Technology courses listed as prerequisites for advanced courses.

<b>KEY:</b>	* Indicates this course has a prerequisite; please see the Course Description Section on the COTC Web Page
	** Indicates there will be no equivalent for this course in the Semester system; please see Academic Advisor
	NT - Indicates this course fulfills a Non-Technical Course Requirement in 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 in this Plan of Study
	T Elec - Indicates Elective Choice in the Technical course requirement category

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 22 credit hours listed below.

A minimum of 10 credit hours toward this Certificate must be taken at COTC.

YEAR 1 2011-2012 (Quarter System)						
Course Name	Course Title	Course Credit Hours	Tech, Non-tech or Elective	Quarter(s) Course Offered	Equivalent Semester Course	Equivalent Semester Cr Hrs
<b>QUARTER 1</b>						
CMP-1601	Principles of Computers	1.00	NT	SM,AU,WI,SP	None**	----
DDT-3706	Introduction to CAD	2.00	T	AU	Part of ARCH-135	2.00
DDT-3758	Engineering Sketching	3.00	T	AU	Part of ARCH-110	3.00
	<b>Total Credit Hours</b>	6.00				
<b>QUARTER 2</b>						
DDT-3707	Intermediate CAD	2.00	T	WI	Part of ARCH-110 & Part of ARCH-111	2.00
DDT-3728	Drafting II	3.00	T	WI	Part of ARCH 135	3.00
	<b>Total Credit Hours</b>	5.00				
<b>QUARTER 3</b>						
DDT-3708	Advanced CAD	2.00	T	SP	Part of ARCH-111	2.00
DDT-3771	Structural Steel and Concrete	3.00	T	SP	CIVIL-235	2.00
	Technical Elective	6.00	T Elec		See Choices Below	
	<b>Total Credit Hours</b>	11.00				
<b>Technical Electives</b>						
<b>Total of 6 QUARTER Credit Hours from the Course Choices Listed Below Required to Complete this Certificate</b>						
BMT-2464	PC Applications	4.00	T Elec	SM,AU,WI,SP	BUS-125	3.00
DDT-3704	Auto CAD Civil 3D	2.00	T Elec	AU	CIVIL-120	1.50
DDT-3705	Revit Architecture	2.00	T Elec	AU	ARCH-125	1.50
DDT-3717	Materials for Engineering Techs	2.00	T Elec	AU	CIVIL-250	2.00
DDT-3731	Intro to Civil Drafting/Design	3.00	T Elec	SP	CIVIL-160	2.00
DDT-3757	Architectural Design I	5.00	T Elec	SP	ARCH-150	2.50
DDT-3759	3D Design with SketchUp	2.00	T Elec	WI	ARCH-115	1.50
DMD-3820	Design Fundamentals	3.00	T Elec		DMD-104	3.00
DMD-3839	Web Design & Development I	3.00	T Elec		DMD-120	3.00
DMD-3844	3 D Design & Animation I	3.00	T Elec		None**	----
DDT-3997	Field Experience - Eng I	1.00	T Elec	SP	None**	----
DDT-3998	Field Experience - Eng II	2.00	T Elec	SP	None**	----
DDT-3999	Field Experience - Eng III	3.00	T Elec	SP	None**	----