

Central Ohio Technical College
2011-2012 Academic Year (Year 1 in Quarters; Year 2 in Semesters)
Plan of Study for the Associate of Applied Science Degree in
Architectural & Civil Design Technology
Architectural Design Major

Datatel Program Code	ACDAR.AAS
COTC Major Number	003321
CIP Code	15.1303

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.

KEY:	* 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

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
QUARTER 1						
COM-1535	Composition I	4.00	NT	SM,AU,WI,SP	ENGL-110	3.00
DDT-3706	Introduction to CAD	2.00	T	AU	Part of ARCH-110	2.00
*DDT-3748	Materials for Construction	5.00	T	AU	ARCH-168	3.00
DDT-3758	Engineering Sketching	3.00	T	AU	Part of ARCH-135	3.00
*DDT-3759	3D Design w/SketchUp	2.00	T	AU	ARCH-115	1.50
	TOTAL	16.00				
QUARTER 2						
DDT-3707	Intermediate CAD	2.00	T	WI	Part of ARCH-110 & Part of ARCH-111	2.00 2.00
DDT-3728	Drafting II	3.00	T	WI	Part of ARCH 135	3.00
DDT-3731	Introduction to Civil Drafting/Design	3.00	T	WI	CIVIL 160	2.00
*DDT-3757	Architectural Design I	4.00	T	WI	ARCH-150	2.50
	Non-Technical Elective	4.00	NT Elec		See Choices Below	
	TOTAL	16.00				
QUARTER 3						
DDT-3705	Revit Architecture	2.00	T	SP	ARCH-125	1.50
DDT-3708	Advanced CAD	2.00	T	SP	Part of ARCH-111	2.00
DDT-3718	Architecture History Survey	3.00	NT	SP	ARCH-176	3.00
DDT-3766	Architectural Design II	4.00	T	SP	ARCH-190	3.00
MTH-1226	Trigonometry	5.00	NT	SP	MATH-110	3.00
	Non-Technical Elective	3.00	NT Elec		See Choices Below	
	TOTAL	19.00				
Non-Technical Electives						
Total of 7 QUARTER Credit Hours from the Course Choices Listed Below Required to Complete this Degree						
BHS-1345	Human Development	5.00	NT Elec	AU,WI,SP,SU	PSYCH-210	3.00
BHS-1370	Social Psychology	5.00	NT Elec	AU,WI,SP,SU	PSYCH-220	3.00
BHS-1376	General Psychology	5.00	NT Elec	AU,WI,SP,SU	PSYCH-100	3.00
BHS-1378	Abnormal Psychology	3.00	NT Elec	AU,WI,SP,SU	PSYCH-200	3.00
BHS-1379	Cultural Diversity	3.00	NT Elec	AU,WI,SP,SU	SOC-110	3.00
BHS-1382	Sociology	3.00	NT Elec	AU,WI,SP,SU	SOC-100	3.00
BHS-1383	Psychology of Adjustment	5.00	NT Elec	AU,WI,SP,SU	None**	----
BHS-1385	Organizational Psychology	3.00	NT Elec	AU,WI,SP,SU	PSYCH-230	3.00
BMT-2025	Micro Economics	4.00	NT Elec	AU,WI,SP,SU	ECON-105	3.00
HUM-5334	Principles of Social Work	4.00	NT Elec		HUMSVS-100	3.00
HUM-5344	Social Welfare and Policy	4.00	NT Elec		HUMSVS-150	3.00

The College Reserves the Right to Change Curricula Without Notice.

REVISED - DECEMBER, 2011

Year 2 of this Plan of Study follows on the next page.

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YEAR 2 2011-2012 (Semester System)						
Course Name	Course Title	Course Credit Hours	Tech, Non-tech or Elective	Semester(s) Course Offered	Equivalent Quarter Course	Equivalent Quarter Cr Hrs
SEMESTER 1						
ARCH-249	Construction Compliance	3.00	T	AU	New Semester Course	-----
CIVIL-240	Statics & Strengths of Materials I	2.00	T	AU	DDT-3257	3.00
CIVIL-245	Surveying	2.00	T	AU	New Semester Course	-----
PHYS-100	General Physics	4.00	NT	SM,AU,SP	PHY-1721	5.00
	Non-Technical Elective	3.00	NT Elec		See Choices Below	
	TOTAL	14.00				
SEMESTER 2						
ARCH-230	Building Mechanical Systems	2.00	T	SP	DDT-3737	3.00
CIVIL-235	Structural Steel & Concrete	2.00	T	SP	DDT-3771	3.00
CIVIL-241	Statics & Strengths of Materials II	2.00	T	SP	DDT-3258	3.00
CIVIL-250	Soils, Asphalt and Concrete	2.00	T	SP	DDT-3717	2.00
ENGL-111	Composition II	3.00	NT	SM,AU,SP	COM-1536	4.00
SPCH-100	Fundamentals of Communications	3.00	NT	SM,AU,SP	COM-1534	4.00
	Technical Elective	2.00	T Elec		See Choices Below	
	TOTAL	16.00				
Non-Technical Electives						
Total of 3 SEMESTER Hours from the Course Choices Listed Below Required to Complete this Degree						
ECON-105	Principles of Microeconomics	3.00	NT Elec	SM,AU,SP	BMT-2025	4.00
HUMSVS-100	Principles of Social Work	3.00	NT Elec		HUM-5334	4.00
HUMSVS-150	Social Welfare and Policy	3.00	NT Elec		HUM-5344	4.00
PSYCH-100	Introduction to Psychology	3.00	NT Elec	SM,AU,SP	BHS-1376	5.00
PSYCH-200	Abnormal Psychology	3.00	NT Elec	SM,AU,SP	BHS-1378	3.00
PSYCH-210	Developmental Psychology	3.00	NT Elec	SM,AU,SP	BHS-1345	5.00
PSYCH-220	Social Psychology	3.00	NT Elec	SM,AU,SP	BHS-1370	5.00
PSYCH-230	Organizational Psychology	3.00	NT Elec	SM,AU,SP	BHS-1385	3.00
SOC-100	Introduction to Sociology	3.00	NT Elec	SM,AU,SP	BHS-1382	3.00
SOC-110	Cultural Diversity	3.00	NT Elec	SM,AU,SP	BHS-1379	3.00
Technical Electives						
Total of 2 SEMESTER Hours from the Course Choices Listed Below Required to Complete this Degree						
*ARCH-255	Architecture and Civil Capstone	2.00	T Elec	SP	DDT-3786	5.00
*ARCH-197	Special topics	.5-3.00	T Elec	SP	New Semester Course	-----
*ARCH-198	Special topics	.5-3.00	T Elec	SP	New Semester Course	-----
*ARCH-297	Special topics	.5-3.00	T Elec	SP	New Semester Course	-----
*ARCH-298	Special topics	.5-3.00	T Elec	SP	New Semester Course	-----
*ARCH-293	Architecture/Civil Co-op I	1.00	T Elec	SP	Part of DDT-3910	5.00
*ARCH-294	Architecture/Civil Co-op II	1.00	T Elec	SP	Part of DDT-3910	5.00
*ARCH-296	Architecture/Civil Co-op III	2.00	T Elec	SP	DDT-3910	5.00