

<b>Datatel Program Code</b>	<b>ACDAR.AAS</b>
<b>COTC Major Number</b>	<b>003321</b> <b>OR 003013</b>
<b>CIP Code</b>	<b>15.1303</b>

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

*The student who successfully completes the courses listed below on this Plan of Study will earn an Associate of Applied Science Degree in Drafting & Design Technology, Architectural Design Major.*

**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
<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
ARCH-150	Introduction to Design	2.50	4.50	T	AU	-----	DDT-3757	4.00
CIVIL-160	Introduction to Civil Engineering Technology	2.00	3.00	T	AU	-----	DDT-3731	3.00
* ENGL-110	Composition I	3.00	3.00	NT	SM,AU,SP	OTM	COM-1535	4.00
IDS-100	Campus Connections	1.00	2.00	NT	SM,AU,SP	-----	None	-----
<b>TOTAL CREDIT &amp; CONTACT HOURS</b>		<b>15.00</b>	<b>23.00</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-168	Construction Materials	3.00	4.00	T	SP	-----	DDT-3748	5.00
ARCH-176	Architecture History Survey	3.00	3.00	NT	SP	OTM	DDT-3718	3.00
ARCH-190	Architecture I	3.00	5.00	T	SP	-----	DDT-3766	4.00
* MATH-110	Trigonometry	3.00	3.00	NT	SM,AU,SP	OTM	MTH-1226	5.00
	Non-Technical Elective	2.00	2.00	NT Elec	See Choices Below			
<b>TOTAL CREDIT &amp; CONTACT HOURS</b>		<b>17.50</b>	<b>22.50</b>					
<b>SEMESTER 3</b>								
ARCH-249	Construction Compliance	3.00	5.00	T	AU	-----	None	-----
ARCH-290	Architecture II	3.00	5.00	T	AU	-----	DDT-3776	4.00
* CIVIL-240	Statics & Strengths of Materials I	2.00	2.00	T	AU	-----	DDT-3257	3.00
* CIVIL-245	Surveying	2.00	3.00	T	AU	TAG	None	-----
* PHYS-100	General Physics	4.00	5.00	NT	SM,AU,SP	-----	PHY-1721	5.00
	Non-Technical Elective - Social & Behavioral Science	3.00	3.00	NT Elec	See Choices Below			
<b>TOTAL CREDIT &amp; CONTACT HOURS</b>		<b>17.00</b>	<b>23.00</b>					

*The College Reserves the Right to Change Curricula Without Notice.*

**DRAFTING & DESIGN TECHNOLOGY -  
Architectural Design Major**

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<b>SEMESTER 4</b>								
* ARCH-230	Building Mechanical Systems	2.00	4.00	T	SP	-----	DDT-3737	3.00
* CIVIL-235	Structural Steel & Concrete	2.00	4.00	T	SP	-----	DDT-3771	3.00
* CIVIL-241	Statics & Strengths of Materials II	2.00	2.00	T	SP	-----	DDT-3258	3.00
* CIVIL-250	Soils, Asphalt and Concrete	2.00	3.00	T	SP	-----	DDT-3717	2.00
* ENGL-111	Composition II	3.00	3.00	NT	SM,AU,SP	OTM	COM-1536	4.00
SPCH-100	Fundamentals of Communication	3.00	3.00	NT	SM,AU,SP	TAG	COM-1534	4.00
	Non-Technical Elective	3.00	3.00	NT Elec	See Choices Below			
	Technical Elective	2.00	6.00	T Elec	See Choices Below			
<b>TOTAL CREDIT &amp; CONTACT HOURS</b>		<b>19.00</b>	<b>28.00</b>					

<b>Total Semester Credit Hours Required for Completion of Degree</b>	<b>68.50</b>
	<i>Non-Technical Required Semester Credit Hours</i>
	<i>Technical Required Semester Credit Hours</i>

<b>Non-Technical Electives</b>								
<b>Total of 5.00 Semester Credit Hours Required to Complete this Degree</b>								
BIO-105	Environmental Science	4.00	5.00	NT Elec	SM,AU,SP	OTM	BIO-1730	5.00
* BIO-120	General Biology	4.00	5.00	NT Elec	SM,AU,SP	-----	BIO-1740	5.00
BUS-155	Spreadsheet Applications	3.00	4.00	NT Elec	SM,SP	-----	BMS-2037 & BMS-2038	3.00 & 3.00
BUS-165	Presentation Applications	3.00	4.00	NT Elec	SM,SP	-----	BMS-2205	4.00
DMD-100	Fundamentals of Drawing	3.00	7.00	NT Elec	AU,SP	TAG	DMD-3831	4.00
DMD-105	Digital Photography I	3.00	5.00	NT Elec	SP	TAG	DMD-3822 & DMD-3825	3.00 & 3.00
ENGRTECH-200	Alternative & Renewable Energy Sources	3.00	5.00	NT Elec	SP	-----	EMT-3201	3.00
* PHIL-100	Critical Thinking	3.00	3.00	NT Elec	SM,AU,SP	OTM	BHS-1006	3.00
* PHIL-200	Introduction to Ethics	3.00	3.00	NT Elec	SM,AU,SP	TAG,OTM	BHS-1340	3.00

<b>Non-Technical Elective - Social and Behavioral Sciences</b>								
<b>Total of 3.00 Semester Credit Hours Required to Complete this Degree</b>								
ECON-105	Principles of Microeconomics	3.00	3.00	NT Elec	SM,AU,SP	TAG,OTM	BMT-2025	4.00
* PSYCH-100	Introduction to Psychology	3.00	3.00	NT Elec	SM,AU,SP	TAG,OTM	BHS-1376	5.00
* PSYCH-200	Abnormal Psychology	3.00	3.00	NT Elec	SM,AU,SP	TAG,OTM	BHS-1376	5.00
* PSYCH-210	Developmental Psychology	3.00	3.00	NT Elec	SM,AU,SP	TAG,OTM	BHS-1345	5.00
* PSYCH-220	Social Psychology	3.00	3.00	NT Elec	SM,AU,SP	TAG,OTM	BHS-1370	5.00
* PSYCH-230	Organizational Psychology	3.00	3.00	NT Elec	SM,AU,SP	-----	BHS-1385	3.00
* SOC-100	Introduction to Sociology	3.00	3.00	NT Elec	SM,AU,SP	TAG,OTM	BHS-1382	3.00
* SOC-110	Cultural Diversity	3.00	3.00	NT Elec	SM,AU,SP	TAG,OTM	BHS-1379	3.00

<b>Technical Elective</b>								
<b>Total of 2.00 Semester Credit Hours Required to Complete this Degree</b>								
ARCH-255	Architectural & Civil Design Capstone	2.00	6.00	T Elec	SP	-----	DDT-3786	5.00
* ARCH-294	Architectural & Civil Design Co-op I	1.00	10.00	T Elec	SP	-----	DDT-3910	5.00
* ARCH-295	Architectural & Civil Design Co-op II	1.00	10.00	T Elec	SP	-----	DDT-3910	5.00
* ARCH-296	Architectural & Civil Design Co-op III	2.00	20.00	T Elec	SP	-----	DDT-3910	5.00
* ARCH-197-199	Special Topics in Architectural Design	0.50-3.00	0.50-3.00	T Elec	SP	-----	None	-----
* ARCH-297-299	Special Topics in Architectural Design	0.50-3.00	0.50-3.00	T Elec	SP	-----	None	-----
* ENGRTECH-105	Introduction to the Oil & Gas Industry	3.00	4.00	T Elec	SP	-----	None	-----