

/Advisor's Checklist: Design & Drafting Technology
 Architectural Design Focus – Milford Campus
 Four Quarters / Two Semesters

Student: _____ Advisor: _____

Quarter Entered: _____ Quarter Graduating: _____

Course #	Course Title	Prerequisite(s) or Co-requisite	Credits	Quarter	Grade
First Quarter					
DDRT 1120	Basic Computer Aided Drafting		4.0		
DDRT 1170	Light Construction Materials & Methods		4.0		
MATH 1050	Thinking Mathematically	Prerequisite: Completed MATH0950 with 'C' or higher, MATH0953 with 'B' or higher; or appropriate placement score	4.5		
Total Credits – 1 st Quarter			12.5		
Second Quarter					
DDRT 1207	Heating & Air Conditioning Systems I		3.5		
DDRT 1230	Print Reading		3.5		
DDRT1400	Virtual Building Design with Revit	Prerequisite: DDRT1120	4.0		
BSAD 1010	Microsoft Applications I	Prerequisite: Keyboarding skills and prior computer experience recommended	4.5		
Total Credits -2 nd Quarter			15.5		
Third Quarter					
DDRT 1350	Estimating for Light Construction		3.5		
DDRT 1320	Heating & Air Conditioning Systems II	Prerequisite: DDRT1120 & DDRT1207	6.0		
DDRT 1338	Residential Design & Drafting	Prerequisite: DDRT1170	4.0		
Total Credits – 3 rd Quarter			13.5		
Fourth Quarter					
DDRT 1250	Plumbing Systems Theory & Design	Prerequisite: DDRT1120	6.0		
DDRT 1340	Strength of Materials	Prerequisite: MATH1050 or higher	4.0		
ENGL 1010	Composition I	Prerequisite: ENGL 0980 or appropriate placement score	4.5		
Total Credits – 4 th Quarter			14.5		
Semester 1					
DDRT 2530	Steel Systems Design & Drafting	Prerequisite: DDRT1120	3.0		
DDRT 2650	Fundamentals of Commercial Architecture	Prerequisite: DDRT1120	3.0		
DDRT 2839	Commercial Estimating	Prerequisite: DDRT1350	2.0		
DDRT 2750	Electrical Systems Theory & Drafting Design	Prerequisite: DDRT1120	3.0		
ECON 1200	Personal Finance (or higher)	Prerequisite: Math competency recommended.	3.0		
SPCH1110	Public Speaking (or higher)	Prerequisite: Eligible for ENGL 1000	3.0		
Total Credits – 1 st Semester			17.0		
Semester 2					
DDRT 2660	Concrete & Wood Systems Design & Drafting	Prerequisite: DDRT1120	3.0		
DDRT 2540	Building Safety Design		2.0		
DDRT 2750	Adv. Mechanical Theory & Drafting	Prerequisite: DDRT1120; DDRT1207; DDRT1320	3.0		
DDRT 2546	Site Planning & Survey	Prerequisite: DDRT1120	3.0		
DDRT 2901	Co-op Experience		3.0		
DDRT 1310	3-D Visualization	Prerequisite: DDRT1120	2.0		
Total Credits – 2 nd Semester			16.0		
			Total Program Credit Hours		

Goal: Associate of Applied Science Degree

All courses listed are required; a 2.0 GPA is required for graduation

N:/Architectural Program files/Graduating Checklist/DDRT Graduating Checklists Revised Option B
 10/22/2018

**Advisor's Checklist: Design & Drafting Technology
Architectural Design Focus – Milford Campus
Four Semesters**

Student: _____ Advisor: _____

Semester Entered: _____ Semester Graduating: _____

Course #	Course Title	Prerequisite(s) or Co-requisite	Credits	Quarter	Grade
First Semester August 2019					
DDRT 1120	Basic Computer Aided Drafting		2.0		
DDRT 1170	Light Construction Materials & Methods		3.0		
DDRT 1207	Heating & Air Conditioning Systems I		2.0		
DDRT 1230	Architectural Print Reading		2.0		
DDRT 1250	Plumbing Systems Theory & Design	Prerequisite: DDRT1120	3.0		
	Student Success Seminar		1.0		
MATH 1050	Thinking Mathematically	Prerequisite: Completed MATH0950 with 'C' or higher, MATH0953 with 'B' or higher; or appropriate placement score	3.0		
Total Credits – 1 st Semester			16.0		
Second Semester January 2020					
DDRT 1320	Heating & Air Conditioning Systems II	Prerequisite: DDRT1120 & DDRT1207	3.0		
DDRT 1340	Strength of Materials	Prerequisite: MATH1050 or higher	2.5		
DDRT 1350	Estimating for Light Construction		2.5		
DDRT 1400	Virtual Building Design with Revit	Prerequisite: DDRT1120	2.0		
DDRT 2540	Building Safety & Design		2.0		
DDRT 2660	Concrete & Wood Systems Design & Drafting	Prerequisite: DDRT1120	3.0		
BSAD 1010	Microsoft Applications I	Prerequisite: Keyboarding skills and prior computer experience recommended	3.0		
Total Credits – 2 nd Semester			18.0		
Third Semester August 2020					
DDRT 1338	Residential Design & Drafting	Prerequisite: DDRT1170	3.0		
DDRT 2530	Steel Systems Design & Drafting	Prerequisite: DDRT1120	3.0		
DDRT 2650	Fundamentals of Commercial Architecture	Prerequisite: DDRT1120	3.0		
DDRT 2750	Electrical Systems Theory & Design	Prerequisite: DDRT1120	3.0		
DDRT 2839	Commercial Estimating	Prerequisite: DDRT1350	2.0		
ENGL 1010	Composition I	Prerequisite: ENGL 0980 or appropriate placement score	3.0		
Total Credits – 3 rd Semester			17.0		
Fourth Semester January 2021					
DDRT 1310	3-D Visualization	Prerequisite: DDRT1120	2.0		
DDRT 1420	Adv. Mechanical Theory & Drafting	Prerequisite: DDRT1120; DDRT1207; DDRT1320	3.0		
DDRT 2546	Site Planning & Survey	Prerequisite: DDRT1120	3.0		
DDRT 2901	Co-op Experience		3.0		
SPCH 1110	Public Speaking (or higher)	Prerequisite: Eligible for ENGL 1000	3.0		
ECON 1200	Personal Finance (or higher)	Prerequisite: Math competency recommended.	3.0		
Total Credits – 4 th Semester			17.0		
			Total Program Credit Hours	68.0	

Goal: Associate of Applied Science Degree

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