

DRAFTING - ARCHITECTURAL CONCENTRATION

The architectural drafting concentration trains students to develop detailed working drawings for use in the construction of residential and commercial buildings. The program centers on the basic techniques of drafting – line work, lettering, and problem solving – and freehand sketching and calculations for measurements, columns, site preparation, energy needs and cost analysis. Successful graduates may find employment with architectural and engineering firms, general contractors, material suppliers, structural fabricators, or modular and component manufacturers of residential buildings.

(Enrollment in this program is limited and is based on the date of application.)

Required Program of Study for Associate of Applied Science Degree (2 years)

FRESHMAN YEAR

First Semester	
Course	Credits
ARCH 1160 Fundamentals of Drafting	3
ARCH 1130 Introduction to Construction Documents ...	3
ARCH 1270 Computer Assisted Drafting I	4
OFFT 1500 Microsoft Office*	3
MATH 1020 Technical Mathematics I*	3
	16

Second Semester	
Course	Credits
ARCH 1120 Materials of Construction	3
ARCH 1220 Estimating for Construction	3
ARCH 1230 Introduction to Revit	4
MATH 1060 Technical Mathematics II*	3
BSAD 2050 Business Communications*	3
	16

Required Summer Coursework	
ARCH 1300 Cooperative Internship I	3
	3

SOPHOMORE YEAR

First Semester	
Course	Credits
ARCH 2110 Architectural CAD I	4
ARCH 1170 Introduction to Construction	3
ARCH 2100 Survey and Site Planning	3
ARCH 2150 Civil Drafting	2
ARCH 2020 Computer Assisted Drafting III	4
	16

Second Semester	
Course	Credits
ARCH 2210 Architectural CAD II	6
ARCH 2260 Introduction to Inventor	3
ECON 1010 Personal and Business Finance*	2
PSYC 1000 Human Relations*	2
PHYS 2150 Structural Analysis	3
	16

Total Credit Hours	67
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*See general education requirements.