

## PROGRAM OF STUDY

### Architectural Drafting and Technology Associate in Science

The Architectural Drafting program is designed to prepare students for careers in industry as drafters or related occupations, and/or transfer to a four or five-year architectural program. Drafting technicians are in short supply, affording many employment opportunities for qualified individuals. The program provides students with entry-level skills and knowledge in the fields of computer and architectural drafting. Competencies include knowledge in AutoCAD generated drawings, current practices in architectural drafting and construction technology, 2-D and 3-D drawings, drafting techniques such as clarity, line weight expression and accuracy.

#### **Student Learning Outcome:**

Demonstrate proficiency in the core knowledge and skills required for employment in architectural computer aided drafting.

#### **Program Requirements:**

		<b>Units</b>
ARCHT 100	Careers in Architecture, Interior Design and Related Fields	1 - 0
ARCHT 110	Architectural Drafting I	3 - 0
ARCHT 120	Design I - Elements of Architectural Design	3 - 0
ARCHT 140	Materials and Methods of Construction	3 - 0
ARCHT 160	AutoCAD for Architecture and Interior Design	3 - 0
ARCHT 180	Codes and Zoning Regulations	3 - 0
ARCHT 190	Design II - Space Planning	3 - 0
ARCHT 240	Architectural Design Portfolio	3 - 0
ARCHT 200A	Sustainable Development and Environmental Design	3 - 0
ARCHT 200B	Design III - Environmental Design LAB	1 - 0
ARCHT 220	Architectural Drafting II	3 - 0
ARCHT 270	CAD 3-D Modeling/Animation	3 - 0
	<b>or</b>	
ARCHT 280	Design IV- Advanced Design	3 - 0
ID 103	Perspective and Interior Illustration	3 - 0
	<b>or</b>	
ID 104	Rapid Visualization and Illustration	3 - 0
ID 114	Architecture and Interiors History: Antiquity - Classical Revival	3 - 0
	<b>or</b>	
ID 115	Architecture and Interiors History: Classical Revival - Post Modern	3 - 0

#### **Recommended electives:**

		<b>Units</b>
ANTHRO 103	Cultural Anthropology	3 - 0
	<b>or</b>	
ANTHRO 103H	Cultural Anthropology - Honors	3 - 0
ART 124A	Drawing I	3 - 0
GMD 047	Introduction to Photoshop	1 - 0
ID 102	Applied Color for Designers	3 - 0
ID 207	Residential Design	3 - 0

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**Total Units**

**38**

PID 324