

CERTIFICATE OF ACHIEVEMENT

The Certificate of Achievement in Architectural Drafting is an 18-month course of study that builds the skills required to produce professional and quality architectural drafting designers. The core curriculum is a sequence of lecture/lab courses that stress the theory and method of detailing, drafting and designing of architectural buildings. Graduates can seek employment at residential design and architectural firms or they may continue their studies to complete the AAS degree in Architectural Design Technology with a Residential Design Emphasis.

STUDENT LEARNING OUTCOMES - Graduates of this program will have the opportunity to:

- Comprehend and utilize design standards and skills specific to the architecture profession.
- Comprehend and utilize building codes appropriately in the design of residential buildings.
- Comprehend building systems, to include: framing, electrical, plumbing, mechanical and utilize their role in the production of architectural working drawings and construction documents.
- Organize and produce a set of architectural working drawings for a residential building.
- Comprehend and utilize design principles, to include: site context, user needs, climate conditions and other environmental conditions through assigned architectural drafting projects.

GENERAL EDUCATION REQUIREMENTS (3 Credits):

| | CR | SEMESTER |
|------------------------|----|----------|
| COMMUNICATIONS: | 3 | _____ |
| COM 101 | | |

SPECIAL PROGRAM REQUIREMENTS (37 Credits):

| | CR | SEMESTER |
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| ADT 100B Introduction to Drafting Theory | 3 | _____ |
| ADT 101B Architectural Residential Design | 3 | _____ |
| ADT 103B Urban Planning | 3 | _____ |
| ADT 104B Architectural Graphics | 4 | _____ |
| ADT 107B Architectural Residential Codes | 2 | _____ |
| ADT 114B History of the Built Environment | 3 | _____ |
| ADT 201B Computer Aided Residential Design | 3 | _____ |
| ADT 220B Architectural Design Portfolio | 1 | _____ |
| ART 101 Drawing I | 3 | _____ |
| CADD 105 Intermediate Computer Aided Drafting | 3 | _____ |
| CONS 108B Construction Materials and Methods | 3 | _____ |
| CONS 120B Printreading and Specifications | 3 | _____ |
| MATH 116 Technical Mathematics | 3 | _____ |

Computation included in MATH 116
Human Relations included in ADT 220B

40
Total Credits

Students may elect to graduate using the degree requirements in effect at the time of matriculation, or when they declared or changed major or the current catalog. If a program is official after a student has matriculated, the student may choose the degree requirements of the new program. In no case may a student use a catalog which is more than six years old at the time of graduation.

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