

CERTIFICATE OF ACHIEVEMENT, ARCHITECTURAL DRAFTING

This Certificate of Achievement is designed to enhance the student's abilities in relevant industry-standard design theories, drafting skills, and to prepare them for certification by the National Occupational Competency Testing Institute (NOCTI)

Outcomes

1. Students will recall and identify fundamental design theories.
2. Students will create and produce salient design solutions.
3. Students will justify individual design solutions.

Certificates of Achievement are a set of courses that can serve as a stepping stone to an associate degree or allow students to enter the workforce. Certificates of Achievement have a general education component.

To earn a Certificate of Achievement, students must:

1. Maintain a minimum cumulative GPA of 2.0 (see requirements for graduation.)
2. Complete a minimum of 15 semester credit hours within the college.
3. Satisfy General Education requirements for the AAS (<http://catalog.tmcc.edu/degrees-certificates/general-education/aas/>).
4. Have no financial or library obligation to the college.

Code	Title	Units
GENERAL EDUCATION		
<i>Communications</i>		
Required:*		
ENG 101	Composition I	3
*ENG 100 also satisfies the Communications Requirement		
<i>Mathematics</i>		
MATH 108	Math for Technicians ¹	3
OR		
MATH 126	Pre-Calculus I	
<i>HUMAN RELATIONS</i> ³ [3]		
3 credits of embedded Human Relations satisfied through AAD 180 & AAD 181		
Program Requirements		
AAD 100	Introduction to Architectural Design	3
AAD 125	Construction Drawings and Detailing	3
AAD 180	Design Foundation I	3
AAD 181	Design Foundation I Discussion	3
CONS 120	Print Reading and Specification	3
AAD 280	Fundamentals of Architecture Design I	3
AAD 223	Graphic Software for Arch, Const, Dsgnr, Planners	3
AAD 282	Fundamentals of Architecture Design II	3

AAD 265	Computer Applications in Architecture I	3
Total Units		33

- ¹ This course satisfies the Math requirement for the AAS Construction and Design Degree, Residential Design Emphasis.
- ² This course satisfies the Math requirement for the AAS Construction and Design Degree, Architecture Emphasis.
- ³ Satisfied through program requirements.

1st semester		Units
AAD 180	Design Foundation I	3
AAD 181	Design Foundation I Discussion	3
AAD 125	Construction Drawings and Detailing	3
CONS 120	Print Reading and Specification	3
Semester Total		12
2nd semester		
AAD 282	Fundamentals of Architecture Design II	3
AAD 265	Computer Applications in Architecture I	3
Mathematics ⁴		3
ENG 101	Composition I	3
Semester Total		12
3rd semester		
AAD 280	Fundamentals of Architecture Design I	3
AAD 223	Graphic Software for Arch, Const, Dsgnr, Planners	3
AAD 100	Introduction to Architectural Design	3
Semester Total		9
Total Units		33

- ⁴ See Program Requirements and Recommendations.