

# 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
<b>GENERAL EDUCATION</b>		
<i>Communications</i>		
Required:*		
ENG 101	Composition I	3
*ENG 100 also satisfies the Communications Requirement		
<i>Mathematics</i>		
MATH 108	Math for Technicians <sup>1</sup>	3
OR		
MATH 126	Pre-Calculus I	
<i>HUMAN RELATIONS</i> <sup>3</sup> [3]		
3 credits of embedded Human Relations satisfied through AAD 180 & AAD 181		
<b>Program Requirements</b>		
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
<b>Total Units</b>		<b>33</b>

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

<b>1st semester</b>		<b>Units</b>
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
<b>Semester Total</b>		<b>12</b>

<b>2nd semester</b>		<b>Units</b>
AAD 282	Fundamentals of Architecture Design II	3
AAD 265	Computer Applications in Architecture I	3
Mathematics <sup>4</sup>		3
ENG 101	Composition I	3
<b>Semester Total</b>		<b>12</b>

<b>3rd semester</b>		<b>Units</b>
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
<b>Semester Total</b>		<b>9</b>
<b>Total Units</b>		<b>33</b>

- <sup>4</sup> See Program Requirements and Recommendations.