

# ARCHITECTURAL DRAFTING, COA

## Program Code: Architectural Drafting-CoA Program Description

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)

## Recommended Course Schedule

1st semester		Units
AAD 180	Design Foundation I	3
AAD 181	Design Foundation I Discussion	3
ENG 101	Composition I	3
Mathematics <sup>1</sup>		3
<b>Semester Total</b>		<b>12</b>
2nd semester		Units
AAD 125	Construction Drawings and Detailing	3
AAD 223	Graphic Software for Arch, Const, Dsgnr, Planners	3
AAE 280	Design Foundations II	6
<b>Semester Total</b>		<b>12</b>
3rd semester		Units
AAE 282	Design Foundations III	6
<b>Semester Total</b>		<b>6</b>
<b>Total Units</b>		<b>30</b>

<sup>1</sup> See Program Requirements and Recommendations.

## Program Requirements

Certificates of Achievement can be 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 Certificate of Achievement (<https://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 <sup>4</sup>	3
or ENG 100	Composition Enhanced	

or ENG 113	Composition I for International and Multilingual Students	
<i>Mathematics</i>		3
MATH 126	Pre-Calculus I (or higher)	
<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 125	Construction Drawings and Detailing	3
AAD 180	Design Foundation I	3
AAD 181	Design Foundation I Discussion	3
AAE 280	Design Foundations II	6
AAE 282	Design Foundations III	6
AAD 223	Graphic Software for Arch, Const, Dsgnr, Planners	3
<b>Total Units</b>		<b>30</b>

<sup>3</sup> Satisfied through program requirements.

<sup>4</sup> ENG 102 is required for the BArch degree.

## Program Outcomes

Students completing the certificate will:

PSLO1: Students will recall and identify fundamental design theories.

PSLO2: Students will create and produce salient design solutions.

PSLO3: Students will justify individual design solutions.