

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 ¹	3
Semester Total	12
2nd semester	
AAD 125 Construction Drawings and Detailing	3
AAD 223 Graphic Software for Arch, Const, Dsgnr, Planners	3
AAE 280 Design Foundations II	6
Semester Total	12
3rd semester	
AAE 282 Design Foundations III	6
Semester Total	6
Total Units	30

¹ 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
GENERAL EDUCATION		
<i>Communications</i>		
Required:		
ENG 101	Composition I ⁴	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> ³		[3]
3 credits of embedded Human Relations satisfied through AAD 180 & AAD 181		
Program Requirements		
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
Total Units		30

³ Satisfied through program requirements.

⁴ 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.