

ARCHITECTURE AND RESIDENTIAL DESIGN, ARCHITECTURE AND CONSTRUCTION, AAS

Program Description

The Associate of Applied Science, Architecture and Construction, Architecture and Residential Design, introduces students to the design philosophies, methodologies, theories, and techniques necessary to continue their education in the field of architecture. Courses adhere to standards established by national industry associations and may fulfill requirements for students transferring into accredited baccalaureate programs. Students are strongly encouraged to work with a faculty advisor to select appropriate courses for their selected baccalaureate program.

Recommended Course Schedule

1st semester		Units
AAD 101	Design with Nature	3
AAD 180	Design Foundation I	3
AAD 181	Design Foundation I Discussion	3
ENG 101	Composition I	3
or ENG 100	or Composition Enhanced	
	or Composition I for International and Multilingual Students	
or ENG 113		
MATH 126	Pre-Calculus I (or higher)	3
Semester Total		15
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
US & Nevada Constitutions/Fine Arts/Humanities/Social Science		3
Semester Total		15
3rd semester		Units
AAD 201	History of the Built Environment	3
AAE 282	Design Foundations III	6
ENG 102	Composition II	3
PHYS 100	Introductory Physics	3
Semester Total		15
4th semester		Units
AAD 230	Design with Climate	3
AAD 261	Introduction to Topo Form and Design Technology	3
ART 101	Drawing I	3
AAD 256	Introduction to Land Use Planning	3

GEOL 100	Earthquakes, Volcanoes and Natural Disasters	3
Semester Total		15
Total Units		60

Program Requirements

AAS degrees are generally non-transfer degrees that are designed for students to enter the workforce.

To earn an AAS degree, students must:

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

Code	Title	Units
General Education Requirements		
<i>English/Communications</i>		6
Required:		
ENG 101	Composition I ¹	
or ENG 100	Composition Enhanced	
or ENG 113	Composition I for International and Multilingual Students	
Required:		
ENG 102	Composition II	
or ENG 114	Composition II For International and Multilingual Students	
<i>Fine Arts/Humanities/Social Science</i>		3
Required:		
AAD 201	History of the Built Environment	
<i>Human Relations</i>		[3]
Embedded:		
AAD 180 & AAD 181	Design Foundation I and Design Foundation I Discussion	
<i>Mathematics</i>		3
Recommended:		
MATH 126	Pre-Calculus I (or higher)	
<i>Science</i>		3
Recommended:		
ENV 101	Introduction to Environmental Science ²	
or PHYS 100	Introductory Physics	
or PHYS 151	General Physics I	
Additional College Requirements		
<i>Diversity</i> ¹		[3]
<i>U.S. and Nevada Constitutions</i>		3
Degree Requirements		
AAD 125	Construction Drawings and Detailing	3
AAD 261	Introduction to Topo Form and Design Technology	3
ART 101	Drawing I	3
GEOL 100	Earthquakes, Volcanoes and Natural Disasters	3

Emphasis

AAD 101	Design with Nature	3
AAD 180	Design Foundation I	3
AAD 181	Design Foundation I Discussion	3
AAD 223	Graphic Software for Arch, Const, Dsgnr, Planners	3
AAE 280	Design Foundations II	6
<i>Electives: select 12 units from the following Architectural course offering</i>		12
Recommended:		
AAD 230	Design with Climate	
AAD 256	Introduction to Land Use Planning	
AAE 282	Design Foundations III	
or Choose any Architectural course offerings		
Total Units		60

¹ If you place into ENG 102 or ENG 114, the additional 3 required units will become elective credit.

² The Bachelor of Architecture requires PHYS 100 or PHYS 151.

Program Outcomes

Students completing the degree will:

PSLO1: Identify and apply architectural design theories.

PSLO2: Prepare basic architectural presentations demonstrating design and construction knowledge.

PSLO3: Synthesize course knowledge and skills that will enable them to meet the requirements for acceptance into an accredited architectural program.