

CONSTRUCTION AND DESIGN, AAS

Architecture

The Associate of Applied Science, Construction and Design, Architecture is a transferable degree which 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.

Outcomes

Students completing the degree will:

- Identify and apply architectural design theories.
- Prepare basic architectural presentations demonstrating design and construction knowledge.
- Synthesize course knowledge and skills that will enable them to meet the requirements for acceptance into an accredited architectural program.

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 (<http://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> ¹		6
Recommended:		
ENG 101	Composition I	
or ENG 113	Composition I for International Students	
Required:		
ENG 102	Composition II	
or ENG 114	Composition II For International Students	
<i>Fine Arts/Humanities/Social Science</i> ²		3
Required:		
AAD 201	History of the Built Environment ²	
<i>Human Relations:</i>		[3]
Embedded		
AAD 180 & AAD 181	Design Foundation I and Design Foundation I Discussion	
<i>Mathematics</i>		
Required:		
MATH 127	Pre-Calculus II	3

<i>Science</i>		[3]
Required:		
PHYS 151	General Physics I ³	4
Additional College Requirements		
<i>Diversity</i>		[3]
AAD 201	History of the Built Environment	
<i>U.S. and Nevada Constitutions</i> ²		3
PSC 101	Introduction to American Politics	
or CH 203	American Experiences and Constitutional Change	
HIST 101 & HIST 102	US History to 1877 and U. S. History since 1877	
HIST 101 & HIST 217	US History to 1877 and Nevada History	
HIST 101 & PSC 100	US History to 1877 and Nevada Constitution	
HIST 101 & PSC 208	US History to 1877 and Survey of State and Local Government	
Degree Requirements		
<i>Core</i>		
AAD 125	Construction Drawings and Detailing	3
CONS 120	Print Reading and Specification	3
<i>Emphasis</i>		
AAD 100	Introduction to Architectural Design	3
AAD 180	Design Foundation I	3
AAD 181	Design Foundation I Discussion	3
AAD 202	Analysis of the Built Environment	3
AAD 223	Graphic Software for Arch, Const, Dsgnr, Planners	3
AAD 230	Design with Climate	3
AAD 265	Computer Applications in Architecture I	3
AAD 280	Fundamentals of Architecture Design I	3
AAD 282	Fundamentals of Architecture Design II	3
<i>Electives</i>		6
AAD 198	Special Topics in AAD	
ADT 290	Intern in Arch Design Technology	
ART 101	Drawing I	
MATH 126	Pre-Calculus I	
PHYS 151	General Physics I ³	
Or choose any other transferable elective.		
Total Units		60

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

² May also count toward additional degree requirements. Please consult with Academic Advisement.

³ Additional Science unit will count toward electives.

1st semester	Units	
AAD 100	Introduction to Architectural Design	3
AAD 180	Design Foundation I	3
AAD 181	Design Foundation I Discussion	3
ENG 101	Composition I	3
or ENG 113	or Composition I for International Students	
MATH 126	Pre-Calculus I (or higher)	3
Semester Total		15

2nd semester

AAD 125	Construction Drawings and Detailing	3
AAD 201	History of the Built Environment	3
AAD 230	Design with Climate	3
ENG 102	Composition II	3
MATH 127	Pre-Calculus II	3
Semester Total		15

3rd semester

AAD 223	Graphic Software for Arch, Const, Dsgnr, Planners	3
AAD 280	Fundamentals of Architecture Design I	3
Elective (ART 101 is recommended) ⁴		5
PSC 101	Introduction to American Politics	3
Semester Total		14

4th semester

AAD 202	Analysis of the Built Environment	3
AAD 265	Computer Applications in Architecture I	3
AAD 282	Fundamentals of Architecture Design II	3
CONS 120	Print Reading and Specification	3
PHYS 151	General Physics I ³	4
Semester Total		16
Total Units		60

⁴ See program recommendations or requirements.