

# CONSTRUCTION MANAGEMENT, AAS

## Program Code:

## Program Description

The Associate of Applied Science, Architecture and Construction, Construction Management will provide the student with the basic, entry-level skills set and understanding of the construction industry as it relates to the residential, commercial and heavy construction markets. The successful student upon completion of this two-year program will possess the necessary knowledge to enter the construction management field.

## Recommended Course Schedule

1st semester		Units
AAD 125	Construction Drawings and Detailing	3
AAD 201	History of the Built Environment	3
CONS 155	On-Site Construction Supervision	3
ENG 101 or ENG 100 or ENG 102	Composition I or Composition Enhanced or Composition II	3
IS 101	Introduction to Information Systems	3
<b>Semester Total</b>		<b>15</b>
2nd semester		
CONS 111	Commercial Building Codes	3
ENG 102 or ENG 114	Composition II or Composition II For International and Multilingual Students	3
Mathematics <sup>2</sup>		3
MGT 171	Supervision and Human Relations	3
PSC 101	Introduction to American Politics	3
<b>Semester Total</b>		<b>15</b>
3rd semester		
CONS 121	Principles of Construction Estimating	3
CONS 205	Construction Site Safety	3
Elective <sup>2</sup>		6
GEOL 100	Earthquakes, Volcanoes and Natural Disasters	3
<b>Semester Total</b>		<b>15</b>
4th semester		
CONS 211	Construction Cost Control	3
CONS 221	Construction Estimating II	3
CONS 281	Construction Planning, Scheduling and Control	3
CONS 282	Construction Law	3
AAD 261	Introduction to Topo Form and Design Technology	3
<b>Semester Total</b>		<b>15</b>
<b>Total Units</b>		<b>60</b>

<sup>2</sup> See program recommendations or requirements.

## Program Requirements

AAS degrees are generally non-transfer degrees 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
<b>General Education Requirements</b>		
<i>Communications/English</i>		6
Required:		
ENG 101 or ENG 100 or ENG 113	Composition I <sup>1</sup> Composition Enhanced Composition I for International and Multilingual Students	
Required:		
ENG 102 or ENG 114	Composition II Composition II For International and Multilingual Students	
<i>Fine Arts/Humanities/Social Science</i>		3
Recommended:		
U.S. and Nevada Constitutions course		
<i>Human Relations</i>		3
Recommended:		
MGT 171	Supervision and Human Relations	
<i>Mathematics</i>		3
Required:		
MATH 126	Pre-Calculus I (or Higher)	
<i>Science</i>		3
Recommended:		
GEOL 100	Earthquakes, Volcanoes and Natural Disasters	
<b>Additional College Requirements</b>		
<i>Diversity</i> <sup>1</sup>		[3]
Required:		
AAD 201	History of the Built Environment <sup>1</sup>	
<i>U.S. and Nevada Constitutions</i>		(3)
Required, Choose one or two from the following: <sup>1</sup>		
PSC 101 or CH 203	Introduction to American Politics <sup>1</sup> 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	
<b>Degree Requirements</b>		
<i>Core</i>		
AAD 125	Construction Drawings and Detailing	3
AAD 201	History of the Built Environment	3
AAD 261	Introduction to Topo Form and Design Technology	3
<i>Emphasis</i>		
CONS 111	Commercial Building Codes	3
CONS 121	Principles of Construction Estimating	3
CONS 155	On-Site Construction Supervision	3
CONS 205	Construction Site Safety	3
CONS 211	Construction Cost Control	3
CONS 221	Construction Estimating II	3
CONS 281	Construction Planning, Scheduling and Control	3
CONS 282	Construction Law	3
IS 101	Introduction to Information Systems	3
<i>Elective</i>		6
Select at least 6 units from the following:		
CADD 100	Introduction to Computer-Aided Drafting	
CONS 198	Special Topics in Construction	
CONS 290	Internship in Construction	
MGT 201	Principles of Management	
AAD 223	Graphic Software for Arch, Const, Dsgnr, Planners <sup>2</sup>	
AAE 280	Design Foundations II <sup>2</sup>	
AAE 282	Design Foundations III <sup>2</sup>	
<b>Total Units</b>		<b>60</b>

<sup>1</sup> May also count toward additional college requirements. Please consult with Academic Advisement.

<sup>2</sup> The Bachelor of Architecture requires the indicated courses.

## Program Outcomes

Students completing the degree will:

PSLO1: Understand, develop, apply and demonstrate specific construction management skills related to supervision techniques, scheduling, cost control systems, and construction contracts.

PSLO2: Examine and evaluate construction project documents, plans and specifications as determined by the needs included in the material takeoff and estimating process.

PSLO3: Formulate and organize management applications utilizing general construction knowledge in the areas of safety, construction materials, scheduling and methods for efficient production.