

# BUILDING CONSTRUCTION TECHNOLOGY - ASSOCIATE OF APPLIED SCIENCE

**(60-62 credits)**

## A Suggested Plan of Study

The contents of this roadmap may vary depending on initial student placement in mathematics and English. This is only a suggested plan of study for students, and is not intended as a contract. Individual student academic plans may vary. Please contact your academic advisor to create a plan that works for you. Course availability may vary from fall to spring semester and may be subject to modification or change.

**NOTE:** Students must earn a final grade of C- or better in all CNST and TCEN courses, and achieve a cumulative grade-point average of at least 2.0. A grade of C- or better is required in ENGL 1110G Composition I.

Students must complete all University degree requirements, which include: General Education requirements and elective credits to total at least 60 credits. Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework.

Semester 1		Credits
Area I: Communications - English Composition Level I		4
ENGL 1110G	Composition I	
CNST 1121	Introduction to Construction I	2
CNST 1122	Introduction to Construction II	2
CNST 1133	Introduction to Construction Laboratory	3
CNST 1330 or CNST 1710	Professional Development and Leadership or Forklift Operation	1
Choose one from the following:		3
MATH 1215	Intermediate Algebra	
MATH 1220G	College Algebra	
OETS 118	Mathematics for Technicians	
<b>Credits</b>		<b>15</b>

Semester 2		Credits
General Education Elective - Area I: Communications - Oral Communications		3
COMM 1115G	Introduction to Communication	
CNST 1114	Basic Carpentry	3
CNST 1115	Carpentry Level I	3
CNST 1116	Basic Carpentry Lab	2
CNST 1160	Plumbing Theory I	3
<b>Credits</b>		<b>14</b>

Semester 3		Credits
Select two courses from different NM General Education Areas II, III, IV, V, and VI. A total of 4 courses from different areas are required.		6-8
Track Courses (select one track) - Choose one course from selected track below (total of 12 credits needed to complete each track).		3
Basic Solar Track		
TCEN 101	Energy for the Next Generation	
TCEN 110	Photovoltaic Application	
TCEN 205 or OEET 110	NEC for Alternative Energy or Electrical Theory I	
Elective ARCT, CNST, DRFT, or TCEN course (1 credit)		
Energy Auditing Track		

CNST 1215	Weatherization in Construction	
TCEN 105	Building Analyst I	
TCEN 106	Building Analyst II	
TCEN 156	Building Envelope	
General Building Track		
Elective ARCT, CNST, DRFT, or TCEN courses (12 credits)		
CNST 1120	Construction Drawings	4
CNST 2290	Plumbing II	3
<b>Credits</b>		<b>16-18</b>
<b>Semester 4</b>		
Select one course from different NM General Education Areas II, III, IV, V, and VI. A total of 4 courses from different areas are required.		3
CNST 2217	Building and the Environment	3
Track Course - Choose one course from the list in Semester 3.		3
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Track Course - Choose one course from the list in Semester 3.		3
<b>Credits</b>		<b>15</b>
<b>Total Credits</b>		<b>60-62</b>