

# 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 BCT 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	
BCT 101	Introduction to Construction I	2
BCT 102	Introduction to Construction II	2
BCT 103	Introduction to Construction Laboratory	3
BCT 130 or BCT 150	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	
BCT 114	Basic Carpentry	3
BCT 115	Carpentry Level I	3
BCT 116	Basic Carpentry Lab	2
BCT 109	Plumbing 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 Basic Electricity and Electronics	
Elective ARCT, BCT, DRFT, or TCEN course (1 credit)		
Energy Auditing Track		

BCT 219	Weatherization in Construction	
TCEN 105	Building Analyst I	
TCEN 106	Building Analyst II	
TCEN 156	Building Envelope	
General Building Track		
Elective ARCT, BCT, DRFT, or TCEN courses (12 credits)		
BCT 110	Blueprint Reading for Building Trades	4
BCT 209	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
BCT 217	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>