

# BUILDING CONSTRUCTION TECHNOLOGY - ASSOCIATE OF APPLIED SCIENCE

## Doña Ana Community College 2026-2027 Catalog (60 credits)

NOTE: Students must earn a final grade of C- or better in all required CNST and TCEN courses/Technical Requirements/Electives 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 and designated Mathematics courses.

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.

Prefix	Title	Credits
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**General Education**

Choose one course from four of the following six content areas for a total of 12-14 credits <sup>1,2</sup> 12-14

This degree requires a course from Area I, students must select three courses from the remaining areas to complete General Education requirements. <sup>1</sup>

- Area I: Communications - English Composition Level 1
  - ENGL 1110G Composition I
  - or ENGL 1110H Composition I Honors
  - or ENGL 1110M Composition I
- Area II: Mathematics
- Area III: Laboratory Sciences
- Area IV: Social/Behavioral Sciences
- Area V: Humanities
- Area VI: Creative and Fine Arts

*General Education Elective - Area I: Communications - Oral Communications*

COMM 1115G	Introduction to Communication	3
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**Core Requirement**

Choose one from the following:		3
MATH 1215	Intermediate Algebra	
MATH 1220G	College Algebra	
OETS 118	Mathematics for Technicians	

**Major Requirements**

*Technical Requirement Courses*

CNST 1121	Introduction to Construction I	2
CNST 1122	Introduction to Construction II	2
CNST 1133	Introduction to Construction Laboratory	3
CNST 1160	Plumbing Theory I	3
CNST 1120	Construction Drawings	4
CNST 1114	Basic Carpentry	3
CNST 1115	Carpentry Level I	3
CNST 1116	Basic Carpentry Lab	2
CNST 1330	Professional Development and Leadership	1
or CNST 1710	Forklift Operation	
CNST 2290	Plumbing II	3

CNST 2217	Building and the Environment	3
Choose ONE of the following tracks of study:		12
<i>Basic Solar Track</i>		
TCEN 101	Energy for the Next Generation	
TCEN 110	Photovoltaic Application	
TCEN 205	NEC for Alternative Energy	
or OEET 110	Electrical Theory I	
Elective ARCT, CNST, DRFT, or TCEN Courses (1 credit)		
<i>Energy Auditing Track</i>		
CNST 1215	Weatherization in Construction	
TCEN 105	Building Analyst I	
TCEN 106	Building Analyst II	
TCEN 156	Building Envelope	
<i>General Building Track</i>		
Elective ARCT, CNST, DRFT, or TCEN Courses (12 credits)		
<b>Total Credits</b>		<b>60</b>

- <sup>1</sup> Each course selected must be from a different area and students cannot take multiple courses in the same area.
- <sup>2</sup> See the General Education (<https://catalogs.nmsu.edu/dona-ana/general-education-and-transfer-options/transfer-new-mexico-institutions/>) section of the catalog for a full list of courses.