Student Name:
Banner ID:
Advisor Name:
Date:

Catalog Year 2026-2027

Construction Technology Certificate

The Construction Technologies Certificate program provides foundational coursework and hands-on training for the trades. Students will learn how to build in Northern New Mexico. From laying out a foundation to installing roof panels. From blueprints to plumbing and electrical systems. From Adobe construction to stick framing and all the alternative building systems in between. This program will give students the ability and confidence for a career in construction. Concentrations can be earned in green construction, general contracting, facilities management and owner builder. Students may apply credit hours earned in this program toward the Associate of Applied Science degree in General Studies.

UNM-Taos reserves the right to make necessary changes as needed. *Students should consult with an advisor prior to enrollment. Courses must be passed with a C (no C-) or higher.*

Required Core

Course	Course Title	Credits	Grade	Semester
ARCH 1130	Building Materials and Methods	3		
CNST 1110	Building Trades I	3		
CNST 1120	Construction Drawings	3		
CNST 1170	Construction Methods I	3		
CNST 1190	Mechanical, Electrical and Plumbing Systems	3		

Concentrations

Earn at least 15 credits to complete one of the following concentrations:

Code	Title
CON General Contractor	General Contractor
CON Green Builder	Green Builder
CON Owner Builder	Owner Builder
CON Facilities Management	Facilities Management

General Contractor Concentration

The General Contractor concentration prepares students to become licensed contractors. The curriculum was developed by licensed contractors to equip students with the knowledge and know how to run a contracting business. Required courses in this concentration, in addition to the core, are Technical Documentation, Construction Project Management I, Building Codes and Construction Methods II and one 3-credit construction elective.

Course	Course Title	Credits	Grade	Semester
CNST 1225	Building Codes and Inspections	3		
CNST 1270	Construction Methods II	3		
CNST 1220	Const Project Management I	3		
ARCH 1135	Technical Documentation with Auto CAD I	3		
ADOB, ARCH, CNST, ELTR or WELD course		3		

Green Building Concentration

The Green Builder concentration is an education in sustainability. Students will learn about maximizing building orientation, sustainable materials and their building systems. Required courses in this concentration, in addition to the core, are: Green Building Concepts, Passive Solar Adobe Design, Alternative Building Construction and two 3-credit construction electives.

Course	Course Title	Credits	Grade	Semester
CNST 1130	Green Building Concepts	3		
CNST 1180	Alternative Building Construction	3		
ADOB 1113	Passive Solar Adobe Design	3		
ADOB, ARCH, CNST, ELTR or WELD course		3		
ADOB, ARCH, CNST, ELTR or WELD course		3		

Owner Builder Concentration

The Owner Builder concentration is designed for students wishing to gain the knowledge needed to build their own home. The hands-on curriculum equips students with the practical skills and experience to build their own home. Required courses in this concentration, in addition to the core, are: Electrical I, Plumbing I, Construction Methods II and two 3-credit construction electives. The two electives allow students to tailor their construction education to meet their needs.

Course	Course Title	Credits	Grade	Semester
CNST 1160	Plumbing Theory I	3		
CNST 1270	Construction Methods II	3		
ELTR 1120	Electrical Theory I	3		
ADOB, ARCH, CNST, ELTR or WELD course		3		
ADOB, ARCH, CNST, ELTR or WELD course		3		

Facilities Management Concentration

The Facilities Management concentration prepares students to work in facilities management. Students will gain the knowledge needed to troubleshoot building issues common in Northern New Mexico. This hands-on concentration covers the building systems as well as the infrastructural systems needed for buildings to operate. Required courses in this concentration, in addition to the core, are: Electrical I, Plumbing I, Building Codes and Inspections, Construction Methods II and one 3-credit elective.

Course	Course Title	Credits	Grade	Semester
ELTR 1120	Electrical Theory I	3		
CNST 1160	Plumbing Theory I	3		
CNST 1225	Building Codes and Inspections	3		
CNST 1270	Construction Methods II	3		
ADOB, ARCH, CNST, ELTR or WELD course		3		

TOTAL CERTIFICATE REQUIREMENTS: 30 CREDIT HOURS