



University of New Mexico Taos Certificate in Construction Technology

The Construction Technology Certificate provides students with a technical foundation required to compete in today's construction field. Upon successful completion of the Construction Technology program, students will have the knowledge, skills and experience to identify, assess, and participate in many entry-level construction trades. Students may apply credit hours earned in this program toward the Associate of Applied Science degree in General Studies. The Construction Technology program has courses that can be divided into four concentration areas: General Construction, Welding Technology, Green Technology, and Electrical Technology. **UNM-Taos reserves the right to make necessary changes as needed.** *Students should consult with an advisor prior to enrollment.*

Required Courses	15 credit hours
Construction (CNST) 109 Plumbing Theory Construction (CNST) 111 Introduction to Welding Construction (CNST) 120 Principles of Electricity Construction (CNST) 175 Blueprint Reading Construction (CNST) 184 General Carpentry	
Choose a CONCENTRATION	15 credit hours
General Construction Concentration	
<i>Required 9 credit hours</i> Construction (CNST) 108 3D CAD Construction (CNST) 127 Introduction to Solar Technology Construction (CNST) 174 Design for Green Building	
<i>Choose 6 credit hours of Electives</i> CNST 104 NCCER Core CNST 106 Cabinet Building CNST 114 Solar Adobe CNST 121 Electrical Wiring CNST 126 Photovoltaics CNST 134 Sustainable Landscaping CNST 136 Sustainable Food and Farming CNST 137 Alternative Building and Construction CNST 204 Timber Framing CNST 293 Topics in Construction Technology CNST 295 Practicum CNST 299 Cooperative Education in Construction Technology WW 101 Fundamentals of Workworking 1 WW 110 Furniture Design and Construction	

MGMT 101 Fundamentals of Accounting
 MGMT 113 Management: An Introduction
 MGMT 195 Introduction to Entrepreneurship

Welding Technology Concentration

Required 9 credit hours

Construction (CNST) 108 3D CAD
 Construction (CNST) 116 Metal Shop
 Construction (CNST) 117 Principles of Oxyacetylene Welding

Choose 6 credit hours of Electives

CNST 104 NCCER Core
 CNST 106 Cabinet Building
 CNST 114 Solar Adobe
 CNST 121 Electrical Wiring
 CNST 126 Photovoltaics
 CNST 134 Sustainable Landscaping
 CNST 136 Sustainable Food and Farming
 CNST 137 Alternative Building and Construction
 CNST 174 Design for Green Building
 CNST 204 Timber Framing
 CNST 293 Topics in Construction Technology
 CNST 295 Practicum
 CNST 299 Cooperative Education in Construction Technology
 WW 101 Fundamentals of Workworking 1
 WW 110 Furniture Design and Construction
 MGMT 101 Fundamentals of Accounting
 MGMT 113 Management: An Introduction
 MGMT 195 Introduction to Entrepreneurship

Electrical Technology Concentration

Required 9 credit hours

Construction (CNST) 121 Electrical Wiring
 Construction (CNST) 126 Photovoltaics
 Construction (CNST) 127 Introduction to Solar Technology

Choose 6 credit hours of Electives

CNST 104 NCCER Core
 CNST 106 Cabinet Building
 CNST 108 3D CAD
 CNST 114 Solar Adobe
 CNST 134 Sustainable Landscaping
 CNST 136 Sustainable Food and Farming
 CNST 137 Alternative Building and Construction
 CNST 174 Design for Green Building
 CNST 204 Timber Framing
 CNST 293 Topics in Construction Technology

CNST 295 Practicum
CNST 299 Cooperative Education in Construction Technology
WW 101 Fundamentals of Workworking 1
WW 110 Furniture Design and Construction
MGMT 101 Fundamentals of Accounting
MGMT 113 Management: An Introduction
MGMT 195 Introduction to Entrepreneurship

Green Technology Concentration

Required 9 credit hours

CNST 127 Introduction to Solar Technology
CNST 137 Alternative Building and Construction
CNST 174 Design for Green Building

Choose 6 credit hours of Electives

CNST 104 NCCER Core
CNST 106 Cabinet Building
CNST 108 3D CAD
CNST 114 Solar Adobe
CNST 121 Electrical Wiring
CNST 126 Photovoltaics
CNST 134 Sustainable Landscaping
CNST 136 Sustainable Food and Farming
CNST 204 Timber Framing
CNST 293 Topics in Construction Technology
CNST 295 Practicum
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WW 101 Fundamentals of Workworking 1
WW 110 Furniture Design and Construction
MGMT 101 Fundamentals of Accounting
MGMT 113 Management: An Introduction
MGMT 195 Introduction to Entrepreneurship

TOTAL CREDIT HOURS REQUIRED: 30



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Certificate in Construction Technology**

NAME: _____ **BANNER ID:** _____ **PROGRAM ENTRY DATE:** ____/____/____

☐ **Core Requirements - 15 credit hours**

Course	Subject	CR HR	Grade	Semester
CNST 109	Plumbing Theory	3		
CNST 111	Introduction to Welding	3		
CNST 120	Principles of Electricity	3		
CNST 175	Blueprint Reading	3		
CNST 184	General Carpentry	3		

☐ **Concentration – 15 credit hours**

		3		
		3		
		3		
		3		
		3		

TOTAL CREDIT HOURS 30