



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 Woodworking 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 Woodworking 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 Woodworking 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

Construction (CNST) 127 Introduction to Solar Technology

Construction (CNST) 137 Alternative Building and Construction

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

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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