



**University of New Mexico-Taos  
Certificate in Construction Technology**

The Construction Technologies Certificate program provides foundational coursework and hands-on training in general carpentry, electricity, plumbing, welding, and a variety of others including cabinet making and photovoltaics. Students will learn how to read and interpret construction blueprints, design for green building, use alternative building methods and gain skills and experience for entry-level position within the construction industry. Concentrations can be earned in general construction, electrical technology, welding technology, or green technology. 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.***

<p><b>Required Courses</b></p> <p>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</p>	<p><b>15 credit hours</b></p>
<p><b>Choose a Concentration</b></p> <p><b>General Construction Concentration</b></p> <p><i>Required 9 credit hours</i></p> <p>Construction (CNST) 108 3D CAD                  Construction (CNST) 127 Introduction to Solar Technology                  Construction (CNST) 174 Design for Green Building</p> <p><i>Choose 6 credit hours of Electives</i></p> <p>Construction (CNST) 104 NCCER Core                  Construction (CNST) 106 Cabinet Building                  Construction (CNST) 114 Solar Adobe                  Construction (CNST) 121 Electrical Wiring                  Construction (CNST) 124 - Sustainable Energy- Photo Voltaic Systems                  Construction (CNST) 136 Sustainable Food and Farming                  Construction (CNST) 137 Alternative Building and Construction                  Construction (CNST) 293 Topics in Construction Technology                  Construction (CNST) 295 Practicum                  Construction (CNST) 299 Cooperative Education in Construction Technology</p>	<p><b>15 credit hours</b></p>

Wood Working (*WW*) 101 Fundamentals of Woodworking 1  
 Wood Working (*WW*) 110 Furniture Design and Construction  
 Accounting (*ACCT*) 2110X Principles of Accounting IA  
 Accounting (*ACCT*) 2110Y Principles of Accounting IB  
 Business Administration (*BUSA*) 1110 Introduction to Business  
 Entrepreneurship (*ENTR*) 1110 Introduction to Entrepreneurship

### **Welding Technology Concentration**

*Required 9 credit hours*

Construction (*CNST*) 108 3D CAD  
 Construction (*CNST*) 116 Metal Shop  
 Welding (*WLDT*) 108 - Oxyfuel Welding I

*Choose 6 credit hours of Electives*

Construction (*CNST*) 104 NCCER Core  
 Construction (*CNST*) 106 Cabinet Building  
 Construction (*CNST*) 114 Solar Adobe  
 Construction (*CNST*) 121 Electrical Wiring  
 Construction (*CNST*) 124 - Sustainable Energy- Photo Voltaic Systems  
 Construction (*CNST*) 136 Sustainable Food and Farming  
 Construction (*CNST*) 137 Alternative Building and Construction  
 Construction (*CNST*) 174 Design for Green Building  
 Construction (*CNST*) 293 Topics in Construction Technology  
 Construction (*CNST*) 295 Practicum  
 Construction (*CNST*) 299 Cooperative Education in Construction Technology

Woodworking (*WW*) 101 Fundamentals of Woodworking 1  
 Woodworking (*WW*) 110 Furniture Design and Construction  
 Accounting (*ACCT*) 2110X Principles of Accounting IA  
 Accounting (*ACCT*) 2110Y Principles of Accounting IB  
 Business Administration (*BUSA*) 1110 Introduction to Business  
 Entrepreneurship (*ENTR*) 1110 Introduction to Entrepreneurship  
 Any course in the WLDT subject code

### **Electrical Technology Concentration**

*Required 9 credit hours*

Construction (*CNST*) 121 Electrical Wiring  
 Construction (*CNST*) 124 - Sustainable Energy- Photo Voltaic Systems  
 Construction (*CNST*) 127 Introduction to Solar Technology

*Choose 6 credit hours of Electives*

Construction (*CNST*) 104 NCCER Core  
 Construction (*CNST*) 106 Cabinet Building  
 Construction (*CNST*) 108 3D CAD  
 Construction (*CNST*) 114 Solar Adobe

Construction (CNST) 136 Sustainable Food and Farming  
 Construction (CNST) 137 Alternative Building and Construction  
 Construction (CNST) 174 Design for Green Building  
 Construction (CNST) 293 Topics in Construction Technology  
 Construction (CNST) 295 Practicum  
  
 Construction (CNST) 299 Cooperative Education in Construction Technology  
 Woodworking (WW) 101 Fundamentals of Woodworking 1  
 Woodworking (WW) 110 Furniture Design and Construction  
 Accounting (ACCT) 2110X Principles of Accounting IA  
 Accounting (ACCT) 2110Y Principles of Accounting IB  
 Business Administration (BUSA) 1110 Introduction to Business  
 Entrepreneurship (ENTR) 1110 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*

Construction (CNST) 104 NCCER Core  
 Construction (CNST) 106 Cabinet Building  
 Construction (CNST) 108 3D CAD  
 Construction (CNST) 114 Solar Adobe  
 Construction (CNST) 121 Electrical Wiring  
 Construction (CNST) 124 - Sustainable Energy- Photo Voltaic Systems  
 Construction (CNST) 136 Sustainable Food and Farming  
 Construction (CNST) 293 Topics in Construction Technology  
 Construction (CNST) 295 Practicum  
 Construction (CNST) 299 Cooperative Education in Construction Technology  
 Woodworking (WW) 101 Fundamentals of Woodworking 1  
 Woodworking (WW) 110 Furniture Design and Construction ACCT 2110X  
 Accounting (ACCT) 2110X Principles of Accounting IA  
 Accounting (ACCT) 2110Y Principles of Accounting IB  
 Business Administration (BUSA) 1110 Introduction to Business  
 Entrepreneurship (ENTR) 1110 Introduction to Entrepreneurship

**TOTAL CREDIT HOURS REQUIRED: 30**