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.

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>15 credit hours</th>
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<tbody>
<tr>
<td>Construction (CNST) 109 Plumbing Theory</td>
<td></td>
</tr>
<tr>
<td>Construction (CNST) 111 Introduction to Welding</td>
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<tr>
<td>Construction (CNST) 120 Principles of Electricity</td>
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<tr>
<td>Construction (CNST) 175 Blueprint Reading</td>
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<tr>
<td>Construction (CNST) 184 General Carpentry</td>
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<table>
<thead>
<tr>
<th>Choose a Concentration</th>
<th>15 credit hours</th>
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<tbody>
<tr>
<td><strong>General Construction Concentration</strong></td>
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<tr>
<td>Required 9 credit hours</td>
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<tr>
<td>Construction (CNST) 108 3D CAD</td>
<td></td>
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<tr>
<td>Construction (CNST) 127 Introduction to Solar Technology</td>
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<tr>
<td>Construction (CNST) 174 Design for Green Building</td>
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<table>
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<tr>
<th>Choose 6 credit hours of Electives</th>
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<tbody>
<tr>
<td>Construction (CNST) 104 NCCER Core</td>
</tr>
<tr>
<td>Construction (CNST) 106 Cabinet Building</td>
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<tr>
<td>Construction (CNST) 114 Solar Adobe</td>
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<tr>
<td>Construction (CNST) 121 Electrical Wiring</td>
</tr>
<tr>
<td>Construction (CNST) 124 - Sustainable Energy- Photo Voltaic Systems</td>
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<tr>
<td>Construction (CNST) 136 Sustainable Food and Farming</td>
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<tr>
<td>Construction (CNST) 137 Alternative Building and Construction</td>
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<td>Construction (CNST) 293 Topics in Construction Technology</td>
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<td>Construction (CNST) 295 Practicum</td>
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<td>Construction (CNST) 299 Cooperative Education in Construction Technology</td>
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</tbody>
</table>
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  
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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  
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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  
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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