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## Certificate

### ADOBE CONSTRUCTION 2012-2014

Provides the instruction necessary to design and build an adobe structure. The program emphasizes the traditional Northern New Mexico and Southwestern designs and dwelling accessories, such as kiva fireplaces, hornos, corbels, carved columns, and vigas with latillas.

Modern and emerging technologies and materials are also covered. As a graduate, you will be ready for employment with construction firms or self-employment in specialized subcontractor trades. You will also gain the skills needed to build your own traditional or modern Southwestern structures using adobe.

#### **GENERAL EDUCATION (7-8 CR)**

##### **Communications (4)**

ENG 108N Basic Composition I (4)

##### **Mathematics (3-4 cr)**

MATH 100N or higher level math course (3)

#### **PROGRAM REQUIREMENTS (27 CR)**

ADOB 100 Adobe Construction Basics (3)

OR

ADOB 101 Adobe Design and Construction Worldwide (3)

ADOB 102 Adobe Wall Construction (4)

ADOB 103 Roof Design and Construction (4)

ADOB 104 Floor Design and Construction (4)

ADOB 105 Finish Practices (4)

ADOB 107 Passive Solar Heating (2)

*Choose six (6) credit hours of electives from the following courses:*

ADOB 110 Preservation and Restoration Practices (2)

ADOB 110L Preservation and Restoration Lab (2)

ADOB 111 Horno Design/Construction (1)

ADOB 112 Arches, Domes, and Vaults (2)

ADOB 115 Rammed Earth Construction (2)

ADOB 201 Advanced Topics in Adobe Construction (4)

CONS 155 Construction Math and Blueprint Reading (3)

CONS 158 Foundation Theory and Construction (2)

CONS 207 Construction Materials and Estimating (3)

**TOTAL CREDITS: 34-35**