



## TBSI 2806

**Division:** Career and Technical Education

**Department:** Traditional Building Skills Institute

**Course:** TBSI 2806

**Title:** Traditional Log Cabin Restoration II

**Catalog Description:**

This course offers a workshop for teaching traditional building skills of log cabin restoration at a more advanced level than TBSI 2586. The course teaches traditional practices of log cabin repair in using epoxy, daubing, chinking, dutchman and crown log replacement. It also teaches the process of jacking up and removing a sill log, spandrell log and a mid wall log. Students will meet for a three hour lecture preceding the three day intensive workshop.

**General Education Requirements:** N/A

**Semesters Offered:** TBA

**Credit/Time Requirement:** Credit: 1.5; Lecture: 1; Lab: 1

**Clock/Hour Requirements:** 0

**Offered for Non-Credit:** Yes

**Credit/Clock Comments:** Repeatable for credit.

**Prerequisites:** Traditional Log Cabin Restoration TBSI 2586 or instructor

**Corequisites:** N/A

**Justification:**

The course is provided in response to the construction industry trends for re-habilitating existing buildings and increased interest in historic preservation of log cabins. Sanpete County and the surrounding area has a significant number of historic log cabins which will be used to provide teaching sites for the course. The course will inform and educate the participants in traditional log cabin restoration skills that enhance a construction student's resume. The TBSI Advisory Board endorses this course.

**Student Learning Outcomes:**

Upon successful completion of this course, students will be able to do the following in cabin restoration:

- properly use epoxy
- daub and chink between logs
- building assessment and find remedies for typical problems encountered in historic log cabins
- sill, spandrell, crown log and mid log replacement
- construct a dutchman

This course will include:

- - Log replacement
    - sill logs
    - spandrell logs
    - crown logs
  - Epoxy uses and approaches
    - repairing rafter tails
    - repairing mid log decay
  - Traditional practices
    - daubing
    - chinking
  - Building assessment

### **General Education Outcomes:**

### **Applied Education Outcomes:**

1) Students will acquire entry-level skills specific to and appropriate for employment in their chosen field of study.

This course teaches advanced level skills for log cabin restoration work. Students demonstrate mastery of skills while working at a cabin site under the supervision of top craftsmen in the field.

3) Students will demonstrate safe practices and awareness of potential hazards in their field of expertise.

An initial safety orientation and safe practices are emphasized during the course under instructor supervision.

### **Key Performance Indicators:**

Percentages are approximate:

- assessment of acquired skills in log cabin restoration by instructor(s): 80%
- attendance and attitude
  - 10 points per day will be given for attendance and showing up on time
  - 10 points per day will be given on attitude which includes willingness to participate and follow instructions: 20%
- For ongoing improvement of the course, instructors will be assessed by course participants

### **Representative Text and/or Supplies:**

- Bruce D. Bomberger, *The Preservation and Repair of Historic Log Buildings*, U.S. Department of the Interior, Preservation Brief #26. current edition.
- Sharon C. Park, AIA, *The Repair and Replacement of Historic Wooden Shingle Roof*, U.S.

**Optimum Class Size: 10**

**Maximum Class Size: 15**

**Signatures:**

I hereby submit this course syllabus:

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I hereby find this course consistent with the goals and resources of the Traditional Building Skills Institute Department:

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Woodruff Challis, , , Chair

I hereby find this course consistent with the goals and resources of the Career and Technical Education Division:

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Michael P. Medley, MBA, Assistant Professor, Dean

I have discussed the need for library resources related to this class with the person submitting the syllabus:

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Lynn Anderson, MLIS, Technical Services Librarian (Main Campus)

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Michelle Olsen, MLS, Campus Librarian (Richfield Campus)