



BCCM 2536

Division: Career and Technical Education

Department: Building Construction and Construction Management

Course: BCCM 2536

Title: Traditional Stained Glass

Catalog Description:

This course is a hands-on workshop for the traditional building skills of stained glass. The course includes the philosophy of historic preservation and traditional practices in the art of designing, cutting, and soldering stained glass. Projects will be constructed using both lead came and copper foil techniques. (Cross-listed as TBSI 2536)

General Education Requirements: N/A

Semesters Offered: Fall

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

Clock/Hour Requirements: 0

Offered for Non-Credit: No

Prerequisites: N/A

Corequisites: N/A

Justification:

The course is provided in response to construction industry trends for re-habilitating existing buildings, increased interest in historic preservation, and incorporating traditional construction practices in new building. Stained glass is a popular pastime and/or livelihood. The course will also demonstrate restoration skills for stained glass. Stained glass recommended by Traditional Building Skills Institute Board of Trustees.

Student Learning Outcomes:

Upon successful completion of this course, students will:

- understand the philosophy of historic preservation and traditional practices of stained glass
- how to design, cut and solder a stained glass project
- demonstrate stained glass techniques in constructing a lead came project and a copper foil project.

Content:

This course will include:

- Introduction: Why traditional skills are valuable
 - History
 - Practices
 - Materials
 - Philosophy
 - Preservation practice
 - Modern application
 - The Use Of Tools and Materials
 - Designing
 - Cutting stained glass
 - Soldering
 - Projects
 - Lead came method
 - Copper foil method
 - The Repair and Cleaning of Historic Stained Glass
 - The Use of Traditional Stained Glass in New Construction.

General Education Outcomes:

5) Apply a cultural and historical awareness to a variety of phenomena.

Through a slide presentation and displays the students will be shown stained glass from medieval times to the present.

9) Respond with informed sensitivity to an artistic work or experience.

Participants will appreciate stained glass as an art form when completing their stained glass projects.

Key Performance Indicators:

- a rating of scores from the instructor's quiz: 30%
- assessment of acquired skills in stained glass fabrication and restoration by instructor: 50%
- 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%
- assessment of course and instructors by students on a prepared evaluation sheet

Percentages are approximate

Representative Text and/or Supplies:

- Neal A. Vogel and Rolf Achilles, *The Preservation and Repair of Historic Stained and Leaded Glass*, U.S Department of the Interior, Preservation Brief #33.

Optimum Class Size: 10
Maximum Class Size: 15

Signatures:

I hereby submit this course syllabus:

Officer Robert Wright, ,

I hereby find this course consistent with the goals and resources of the Building Construction and Construction Management Department:

Marlin Christensen, M. Ed., Instructor, Chair

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

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:

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

Michelle Olsen, MLS, Campus Librarian (Richfield Campus)