

Course Outline for: ART 1125 Glass Fusing 1

A. Course Description

1. Number of credits: 3
2. Lecture hours per week: 1
Lab/Studio/Clinical hours per week: 4
3. Prerequisites: None
4. Corequisites: None
5. MnTC Goals: 6

Introduction to concepts, materials, and methods of fused glass. Glass fusing techniques used to create various artworks that solve technical and creative problems. Development of critique and related vocabulary.

B. Date last reviewed: January 2022

C. Outline of Major Content Areas

1. History of glass
2. Glass types, compatibility and the coefficient of expansion
3. Glass cutting, fusing and kiln carving
4. Lamination and fusing
5. Kiln firing, draping and slumping
6. Aesthetics and critical analysis

D. Course Learning Outcomes

Upon successful completion of the course, the student will be able to:

1. Demonstrate skill in the fundamentals of fusing, lamination, slumping and cold working techniques. MnTC Goal 2 (A); Goal 6 (D)
2. Demonstrate an understanding of the terminology and techniques of fusing, slumping, firing, glass types, and glass properties by successfully completing class assignments. MnTC Goal 2 (A); Goal 6 (A,B,C)
3. Create original works of fused glass which explore a variety of formal and conceptual problems, demonstrate a visual vocabulary, and make effective aesthetic judgments. MnTC Goal 2 (B); Goal 6 (A,C,D)
4. Analyze historic and contemporary glass: styles, techniques, terminology, and materials. MnTC Goal 6 (A,B,C)
5. Explain and evaluate the relationship between the fine arts and the development of culture. MnTC Goal 6 (A,B,C)
6. Discuss and explain the effectiveness of their glass creations and those of others by participating in class critique sessions. MnTC Goal 2 (D); Goal 6 (C,E)
7. Demonstrate an understanding of health and safety issues within the discipline.

E. Methods for Assessing Student Learning

1. Instructor's record of student's active participation in the class as demonstrated by regular attendance, preparation, class discussions, and group or individual critiques.
2. Instructor's record of student's understanding of discipline appropriate terminology and concepts as demonstrated in critiques, whether oral, written, group, or individual.
3. Instructor's analysis of student's well-presented, completed work that demonstrates comprehension, exploration, and strong technical skills.
4. Exams focusing on discipline specific terminology, historical concepts, and processes.
5. Written work (essays, critical response papers, research projects, and etc.) using discipline appropriate terminology and appropriate academic style.

F. Special Information:

In addition to class time, students work a minimum 4 hours outside of class per week.