

SAN DIEGO COMMUNITY COLLEGE DISTRICT
CONTINUING EDUCATION
COURSE OUTLINE

SECTION I

SUBJECT AREA AND COURSE NUMBER

APLD 509

COURSE TITLE

COPPER ENAMELING

TYPE COURSE

FEE

CATALOG COURSE DESCRIPTION

Learn the techniques and skills required to enamel. Create works of art. Learn color, design and craftsmanship. Develop an appreciation and understanding of the art of enameling. Master known techniques; explore new medias. (FT)

LECTURE/LABORATORY HOURS

4 hours per week
(for 18 weeks)

ADVISORIES

NONE

RECOMMENDED SKILL LEVEL

NONE

INSTITUTIONAL STUDENT LEARNING OUTCOMES

1. Social Responsibility
SDCE students demonstrate interpersonal skills by learning and working cooperatively in a diverse environment.
2. Effective Communication
SDCE students demonstrate effective communication skills.

INSTITUTIONAL STUDENT LEARNING OUTCOMES (CONTINUED)

3. Critical Thinking

SDCE students critically process information, make decisions, and solve problems independently or cooperatively.

4. Personal and Professional Development

SDCE students pursue short term and life-long learning goals, mastering necessary skills and using resource management and self-advocacy skills to cope with changing situations in their lives.

COURSE GOALS

A study of the ancient art of fusing colored vitreous glass to copper, with emphasis on handformed panels, jewelry, trays, and bowls all basic techniques will be included: i.e., wet-pack, stencil, graffito, photo-silkscreen, plique-a-jour, etching, champleve, and cloisonne, design, and color appropriate to the media will be stressed.

COURSE OBJECTIVES

The students will show orally, in writing or through discussion that they are able to:

1. Develop skills and abilities to design.
2. Develop, construct and execute valid enamels.
3. Comprehend and exhibit the techniques of enameling.
4. Develop and demonstrate contemporary examples.
5. Exhibit proper enameling techniques.
6. Understand and appreciate the media with which they are working.
7. Consider and appraise the historical significance of enamels.
8. Demonstrate rhythm placement.
9. Generate the skills necessary to evaluate and critique works of art.
10. Develop skills of applying the principles of design, color and craftsmanship.

SECTION II

COURSE CONTENT AND SCOPE

1. History of Enameling

- 1.1. Silver cloisonne, plique-a-jour, griele, photo-silkscreen
- 1.2. Wet-pack, stencil, sgraffito, etching, champleve, cloisonne

2. Design and Color

- 2.1. Opaque and transparent tests

2.1.1. Color bands

2.1.2. Skill and techniques

2.1.2.1. Wet inlay application

2.1.2.2. Firing enamels over metal foils

3. Simple Circle with Wet Inlay and Foils

COURSE CONTENT AND SCOPE (CONTINUED)

- 3.1. Motif design
 - 3.1.1. Designing within a circle, color balance, rhythm, shape
 - 3.1.2. Techniques of application
 - 3.1.2.1. Rounded forms
 - 3.1.2.2. Firing trivets
- 3.2. Demonstration of design rhythm placement relationships
4. Etched Box Top or Plaque With Sgraffito and Stencil Using Liquid Based Coats
 - 4.1. Design motif
 - 4.1.1. Develop design
 - 4.1.1.1. Study direction
 - 4.1.1.2. Balance of geometric relationship
 - 4.2. Etching techniques
 - 4.2.1. Uses of sgraffito and stenciling
 - 4.2.2. Application of liquid enamel
 - 4.3. Develop skills
 - 4.3.1. Calligraphic ability
 - 4.3.2. Stencil efficiency
 5. Lesson Development
 - 5.1. Submit sketches
 - 5.2. Color design and ideas
 - 5.3. Student input/peer evaluation
 6. Deep Bowl with Fireglaze and Liquid Flux Textures
 - 6.1. Design motif
 - 6.1.1. Abstract approach
 - 6.1.2. Non-objective approach
 - 6.2. Design with abstract textural surfaces
 - 6.3. Learn techniques of firescale and flux-develop textures
 - 6.4. Application of skills in flowing medium and control firescale
 - 6.5. Guidance given in recognizing fitness and compatibility for form-free techniques
 7. Hammered Free - Form with Surface Decoration
 - 7.1. Design motif
 - 7.2. Develop design and study treatment of abstract subject matter
 - 7.3. Relate decoration to a unique shape
 - 7.4. Develop dup-off-and overglaze techniques
 - 7.5. Principles of hammering, creating original form, control of overglaze lines
 8. Small Round Pendant with Silver Cloisonne
 - 8.1. Ecclesiastical or conventional pattern motif
 - 8.2. Use of design
 - 8.3. Bending wire to conform to design
 - 8.4. Working in small areas with pointed tools
 - 8.5. Control heats: skill in stoning and polishing
 - 8.6. Review
 9. Repousse Jewelry
 - 9.1. Random pattern motif
 - 9.1.1. Develop and adapt design to form size
 - 9.2. Use of chasing tools applying enamel to high and low surfaces

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COURSE CONTENT AND SCOPE (CONTINUED)

- 9.3. Review
- 10. Photo-Silkscreen
 - 10.1. Introduction to a new design source
- 11. Hand-formed Copper Pendant
 - 11.1. Silver foil and cloisonne wire
 - 11.2. Culmination of several techniques into one piece of jewelry
 - 11.3. Review
- 12. Hammered Free-Form with Surface Decoration
 - 12.1. Skills in simple hammering
 - 12.2. Creation of original form
 - 12.3. Review
- 13. Copper Pendant 14g with Champleve
 - 13.1. Acid etching
 - 13.2. Control of acid resist
 - 13.3. Enameling deeply etched areas
- 14. Deep Bowl with Separation Enamel
 - 14.1. Control firing
 - 14.2. High temperatures
 - 14.3. Review

APPROPRIATE READINGS

NONE

WRITING ASSIGNMENTS

NONE

OUTSIDE ASSIGNMENTS

NONE

APPROPRIATE ASSIGNMENTS THAT DEMONSTRATE CRITICAL THINKING

NONE

EVALUATION

Based on interpretation, accomplishment of assignments, demonstration of techniques and skills acquired, expansion of skills, departure from classical methods, willingness to grow and change, and experimentation.

METHOD OF INSTRUCTION

Lecture, demonstration, guest speakers, field trips. Examples of old and contemporary enamels.

TEXTS AND SUPPLIES

Instructor syllabus

Texts:

Experimental Techniques in Enameling, Van Nostrand, Reinhold Publishers, Fred Ball

The Enamelist, Word Publishing Co., Cleveland and New York, Kenneth Bates

Step by Step Enameling, Golden Press, William Harper

The Art of Enameling, Margaret Seeler

PREPARED BY: Carol Cusak DATE: July, 1982

REVISED BY: Instructional Services, SLOs added DATE: March 10, 2017

Instructors must meet all requirements stated in Policy 3100 (Student Rights, Responsibilities and Administrative Due Process), and the Attendance Policy set forth in the Continuing Education Catalog.

REFERENCES:

San Diego Community College District Policy 3100
California Community Colleges, Title 5, Section 55002
Continuing Education Catalog