

CBE

Competency-Based Education

COURSE OUTLINE

COURSE NO.: **52-07-65**

NEW: July/1996

TITLE: **FINE AND APPLIED ARTS/CERAMICS**

DEPARTMENT: Programs for Older Adults

CREDITS: 0*

HOURS: 60

APPORTIONMENT NO.: 08.082.201

COURSE DESCRIPTION:

This competency-based course contains ceramic techniques for the design, construction, and decoration of clay ware. Included are: handbuilding, throwing, casting, modeling, decorative elements on clay, mixing and applying glazes, loading and firing the kiln. Emphasis is on the functional and non functional use of clay ware, and the evolving of elements of design on clay.

PREREQUISITES:

None

*This is a non-credit course and may be repeated to learn specific competencies.

LOS ANGELES UNIFIED SCHOOL DISTRICT
Division of Adult and Career Education
Instructional and Counseling Services Unit
Adult Curriculum Office
adultinstruction.org

ACKNOWLEDGMENTS

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Special thanks to MARION RING for her revision.

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COMPETENCY-BASED COMPONENTS
for the *Fine and Applied Arts/Ceramics Course*

COMPETENCY AREAS AND STATEMENTS	MINIMAL COMPETENCIES
<p>A. INTRODUCTION TO CERAMICS</p> <p>Know history and characteristics of pottery.</p> <p>(2 hours)</p>	<ol style="list-style-type: none"> 1. Discuss brief history of pottery. 2. Discuss importance of clay materials in science, home, and industry. 3. Describe the chemical and physical properties of clay. 4. Identify types of clay and clay bodies.
<p>B. TOOLS AND EQUIPMENT</p> <p>Know how to use and care for the tools and equipment used in the construction of ceramic ware.</p> <p>(3 hour)</p>	<ol style="list-style-type: none"> 5. Identify materials and tools. 6. Discuss safety procedures and the prevention of health hazards. 7. Discuss safe handling of glaze materials. 8. Identify kilns and kiln furniture. 9. Differentiate between cone temperatures from low to high firings. 10. Differentiate between bisque and glaze firing. 11. Differentiate between raku and saggar firings. 13. Discuss oxidizing and reducing atmospheres.
<p>C. CLAY PREPARATION</p> <p>Know clay preparation methods.</p> <p>(2 hours)</p>	<ol style="list-style-type: none"> 14. Describe wedging. 15. Demonstrate mixing of compatible clay. 16. Describe proper storing of clay.
<p>D. CERAMIC HANDBUILDING</p> <p>Know various ceramic construction methods.</p> <p>(30 hours)</p>	<ol style="list-style-type: none"> 17. Demonstrate slab construction. 18. Demonstrate pinch construction. 19. Demonstrate coil construction. 20. Demonstrate draping. 21. Demonstrate burnishing. 22. Demonstrate footing. 23. Demonstrate construction of handles and other appendages. 24. Discuss and demonstrate agate ware. 25. Demonstrate mixed media, using fabric and lace. 26. Discuss combining forms. 27. Demonstrate loading of a saggar for special firing. 28. Describe techniques for embellishing clay, including: sprigging, stamping, stenciling, sgraffito, and slip trailing. 29. Discuss use of slip.

<p>H. FINISHING TECHNIQUES</p> <p>Demonstrate proper finishing techniques.</p> <p>(6 hours)</p>	<p>30. Demonstrate pre-glaze decorating techniques, such as: sprigging, stamping, stenciling, sgraffito, and slip trailing.</p> <p>31. Demonstrate the use of stains and oxides.</p> <p>32. Demonstrate the preparation and application of glazing.</p> <p>33. Describe using slip as a decorative element.</p>
<p>E. WHEEL THROWING</p> <p>Develop skills and dexterity in wheel usage.</p> <p>(8 hours)</p>	<p>34. Describe types of wheels.</p> <p>35. Demonstrate centering on a wheel.</p> <p>36. Demonstrate forming a cone.</p> <p>37. Demonstrate opening.</p> <p>38. Demonstrate raising and thinning walls.</p> <p>39. Demonstrate shaping.</p> <p>40. Demonstrate trimming.</p> <p>42. Demonstrate and apply a pulled handle.</p> <p>43. Discuss other appendages for wheel thrown pots.</p>
<p>F. SLIP CASTING TECHNOLOGY</p> <p>Know slip casting techniques.</p> <p>(6 hours)</p>	<p>44. Describe types of molds.</p> <p>45. Describe casting slips.</p> <p>46. Demonstrate preparation of mold.</p> <p>47. Demonstrate proper slip casting techniques.</p> <p>48. Demonstrate mold popping.</p> <p>49. Demonstrate proper cleaning of greenware.</p> <p>50. Discuss proper tools for greenware.</p> <p>51. Discuss underglazes and overglazes.</p> <p>52. Discuss lusters and decals.</p>
<p>G. KILN TECHNOLOGY</p> <p>Know kiln technology.</p> <p>(3 hours)</p>	<p>53. Demonstrate stacking a kiln for bisque firing.</p> <p>54. Demonstrate stacking a kiln for glaze firing.</p> <p>55. Discuss glaze faults.</p>

SUGGESTED INSTRUCTIONAL MATERIALS AND OTHER RESOURCES

TEXTBOOKS

- Hooper, r. Functional Pottery, Form and Aesthetic in Pots and Purpose. Radnor, PA: Chilton Book Co., 1986.
- Peterson, Susan. The Craft and Art of Clay. Englewood Cliffs, NJ: Prentice Hall, 1992.
- Fournier, Robert. Illustrated Dictionary of Pottery Decoration. Englewood Cliffs, NJ: Prentice Hall, 1986.
- Gimbutas, Maria. The Language of the Goddess. San Francisco, CA: Harper and Row, 1989.
- Giorgini, Frank. Handmade Tiles: Designing, Making and Decorating. Asheville, NC: Lark Books, 1994.
- Dormer, Peter. The New Ceramics. Thames and Hudson, 1994.
- Rawson, Phillip. Ceramics. University of Pennsylvania Press, 1984.
- Nelson, Glenn C. Ceramics, 5th edition. New York, NY: Holt, Rinehard and Winston, 1984.
- Cooper, E., and Dereke Royle. Glazes for the Potter. New York, NY: Charles Scribner's and Sons, 1978.
- Zakin, Richard. Electric Kiln Ceramics: A Potter's Guide to Glaw and Glazes. Radnor, PA: Chilton Book Co., 1981.
- Nigrosh, L. Claywork: Form and Idea in Ceramic Design, 2nd edition. Worchester, MA: Davis Publications, 1986.
- Birks, Tony. The Complete Potter's Companion. Boston, MA: Bulfinch Press Book, Little Brown and Co., 1995.

MULTIMEDIA

Refer to the Catalog of Films, Videocassettes, and Videodiscs for Secondary and Adult Levels, 1991. Los Angeles Unified School District, Publication No.: SC-967-1991.

RESOURCE PERSON

Subject area supervisor

TEACHING STRATEGIES AND EVALUATION

METHODS AND PROCEDURES

- A. Multi-sensory presentations
 - 1. filmstrip
 - 2. audiocassette presentations
 - 3. video tapes
 - 4. slides
 - 5. mounted pictures
- B. Community resources
 - 1. museums and galleries
 - 2. clay distributrs
 - 3. special events (pottery festivals)
 - 4. libraries
- C. Lecture, discussion, and demonstration
- D. Class participation and projects

EVALUATION

- A. Group or individual projects
- B. Critiques of students' work
- C. Integration of clay work into daily life

Statement for Civil Rights

All educational and vocational opportunities are offered without regard to race, color, national origin, gender, or handicap.
