

# ART - CERAMIC TECHNOLOGY (ARCE)

## ARCE 1 - Introduction to Ceramics (3 units)

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 102 hours studio*

This course offers an introduction to ceramics materials, concepts, and processes, including basic design principles, creative development, hand-building, throwing, glaze techniques, firing, and ceramic terminology.

The course covers aesthetics and creative development of clay objects, examining historical, contemporary, and personal modes of expression across cultures. Portions of instruction may be offered online; may also be offered fully online.

*Advisory: Completion of or concurrent enrollment in ENGL 1A or ENGL 1AE*

*Credit transferable: Transfers to CSU & UC*

## ARCE 1A - Ceramic Handbuilding I (3 units)

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 102 hours studio*

This course offers an introduction to ceramics materials, concepts, and processes. It includes basic design principles, creative development and problem solving, hand-building, glazing and finishing techniques, firing, throwing, and ceramic terminology. Development of clay objects, examining historical, contemporary, and personal modes of expression across cultures, is studied. Portions of instruction may be offered online; may also be offered fully online.

*Advisory: Completion of or concurrent enrollment in ENGL 1A or ENGL 1AE*

*Credit transferable: Transfers to CSU & UC*

*GE Credit: MPC C Humanities*

## ARCE 1B - Ceramic Handbuilding II (3 units)

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 102 hours studio*

This course is a continuation of ARCE 1A, including handbuilding techniques, experimentation with clay bodies, glazing, and finishing processes. Portions of instruction may be offered online; may also be offered fully online.

*Prerequisite(s): ARCE 1A (or ARTC 1A or ART 70A)*

*Advisory: Completion of or concurrent enrollment in ENGL 1A or ENGL 1AE*

*Credit transferable: Transfers to CSU & UC*

## ARCE 1C - Ceramic Handbuilding III (3 units)

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 102 hours studio*

This course is a continuation of ARCE 1B and examines the creative potential of handbuilding processes. Emphasis is on experimentation and personal conceptual development to allow students to use their own backgrounds and experiences to create artwork that is uniquely theirs. It includes continued research in glazing and firing, surface design, and knowledge of historical and contemporary ceramics. Portions of instruction may be offered online; may also be offered fully online.

*Prerequisite(s): ARCE 1B (or ARTC 1B or ART 70B)*

*Advisory: Completion of or concurrent enrollment in ENGL 1A or ENGL 1AE*

*Credit transferable: Transfers to CSU & UC*

## ARCE 1D - Ceramic Handbuilding IV (3 units)

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 102 hours studio*

This course is a continuation of ARCE 1C and offers further experimentation in handbuilding techniques, with emphasis on personal expression. Portions of instruction may be offered online; may also be offered fully online.

*Prerequisite(s): ARCE 1C (or ARTC 1C)*

*Advisory: Completion of or concurrent enrollment in ENGL 1A or ENGL 1AE*

*Credit transferable: Transfers to CSU & UC*

## ARCE 2A - Ceramic Wheel Throwing I (3 units)

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 102 hours studio*

This class provides an introduction to designing clay forms on the potter's wheel. Portions of instruction may be offered online; may also be offered fully online.

*Advisory: ARCE 1A (or ARTC 1A or ART 70A); completion of or concurrent enrollment in ENGL 1A or ENGL 1AE*

*Credit transferable: Transfers to CSU & UC*

*GE Credit: MPC C Humanities*

## ARCE 2B - Ceramic Wheel Throwing II (3 units)

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 102 hours studio*

This class is a continuation of ARCE 2A, focusing on deepening basic throwing skills and introducing new techniques in both utilitarian and sculptural applications. Portions of instruction may be offered online; may also be offered fully online.

*Prerequisite(s): ARCE 2A (or ARTC 2A or ART 71A)*

*Advisory: Completion of or concurrent enrollment in ENGL 1A or ENGL 1AE*

*Credit transferable: Transfers to CSU & UC*

## ARCE 2C - Ceramic Wheel Throwing III (3 units)

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 102 hours studio*

This course is a continuation of ARCE 2B and offers further exploration of wheel throwing processes for development of sound technical skills. Continued research in glazing, firing, and surface design, and knowledge of historical and contemporary ceramics. Portions of instruction may be offered online; may also be offered fully online.

*Prerequisite(s): ARCE 2B (or ARTC 2B or ART 71B)*

*Advisory: Completion of or concurrent enrollment in ENGL 1A or ENGL 1AE*

*Credit transferable: Transfers to CSU & UC*

## ARCE 2D - Ceramic Wheel Throwing IV (3 units)

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 102 hours studio*

This course is a continuation of ARCE 2C and covers further experimentation with wheel throwing techniques, with emphasis on personal expression. Portions of instruction may be offered online; may also be offered fully online.

*Prerequisite(s): ARCE 2C (or ARTC 2C)*

*Advisory: Completion of or concurrent enrollment in ENGL 1A or ENGL 1AE*

*Credit transferable: Transfers to CSU & UC*

**ARCE 3A - Introduction to Ceramic Sculpture (3 units)**

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 102 hours studio*

This course is an introduction to various techniques for creating ceramic sculpture. Handbuilt or wheel-thrown forms can be utilized, with emphasis placed on contemporary practices and individual creative investigations in clay. Portions of instruction may be offered online; may also be offered fully online.

*Advisory: ARCE 1 (or ARTC 1); or ARCE 1A (or ARTC 1A or ART 70A); or ARCE 2A (or ARTC 2A or ART 71A); completion of or concurrent enrollment in ENGL 1A or ENGL 1AE*

*Credit transferable: Transfers to CSU & UC*

*GE Credit: MPC C Humanities*

**ARCE 3B - Ceramic Sculpture II (3 units)**

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 102 hours studio*

This course is a continuation of ARCE 3A, with further investigation of sculptural concepts in clay through studio application. After learning the basic sculptural construction techniques, students may explore the human and/or animal figure in clay. Portions of instruction may be offered online; may also be offered fully online.

*Prerequisite(s): ARCE 3A (or ARTC 3A or ART 74A)*

*Advisory: Completion of or concurrent enrollment in ENGL 1A or ENGL 1AE*

*Credit transferable: Transfers to CSU & UC*

**ARCE 3C - Ceramic Sculpture III (3 units)**

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 102 hours studio*

This course is a continuation of ARCE 3B and allows further investigation of sculptural concepts in clay. Topics may expand to include site-specific works, installation and process-based works, mixed media, and other non-traditional art forms. At this level, students are encouraged to pursue their own personal direction in terms of skills and conceptual development. Portions of instruction may be offered online; may also be offered fully online.

*Prerequisite(s): ARCE 3B (or ARTC 3B or ART 74B)*

*Advisory: Completion of or concurrent enrollment in ENGL 1A or ENGL 1AE*

*Credit transferable: Transfers to CSU & UC*

**ARCE 3D - Ceramic Sculpture IV (3 units)**

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 102 hours studio*

This course is a continuation of ARCE 3C and examines the expressive use of clay in creating ceramic sculpture. The emphasis is on refining and integrating the aesthetics of materials and ideas to produce a cohesive body of work for portfolio development and subsequent transfer, exhibition, scholarship and residency applications, and/or marketing purposes. Portions of instruction may be offered online; may also be offered fully online.

*Prerequisite(s): ARCE 3C (or ARTC 3C)*

*Advisory: Completion of or concurrent enrollment in ENGL 1A or ENGL 1AE*

*Credit transferable: Transfers to CSU & UC*

**ARCE 4A - Kiln-Formed Glass I (3 units)**

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 102 hours studio*

This course is an introduction to the fundamentals of fusing and slumping glass. Basic kiln-formed glass methods of cutting sheet glass are used to design and compose two- and three-dimensional forms. Emphasis is on experimentation and the creative potential of the medium. Portions of instruction may be offered online; may also be offered fully online.

*Advisory: Completion of or concurrent enrollment in ENGL 1A or ENGL 1AE*

*Credit transferable: Transfers to CSU*

**ARCE 4B - Kiln-Formed Glass II (3 units)**

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 102 hours studio*

This course is a continuation of ARCE 4A, furthering the study of glass and the examination of its properties, qualities, and characteristics for two- and three-dimensional expression. Emphasis is placed on the creative potential of the medium and its architectural and fine arts applications. Ceramic mold making is a part of the curriculum, and the kiln is used for glass-working techniques as well as for firing ceramic molds. Portions of instruction may be offered online; may also be offered fully online.

*Prerequisite(s): ARCE 4A (or ARTC 4A or ART 81A)*

*Advisory: Completion of or concurrent enrollment in ENGL 1A or ENGL 1AE*

*Credit transferable: Transfers to CSU*

**ARCE 4C - Kiln-Formed Glass III (3 units)**

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 102 hours studio*

This course is a continuation of ARCE 4B and examines the creative potential of fusing and slumping glass. Emphasis is on experimentation and personal conceptual development to allow students to use their own backgrounds and experiences to create artwork that is uniquely theirs. Portions of instruction may be offered online; may also be offered fully online.

*Prerequisite(s): ARCE 4B (or ARTC 4B or ART 81B)*

*Advisory: Completion of or concurrent enrollment in ENGL 1A or ENGL 1AE*

*Credit transferable: Transfers to CSU*

**ARCE 4D - Kiln-Formed Glass IV (3 units)**

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 102 hours studio*

This course is a continuation of ARCE 4C, and examines the creative potential of fusing and slumping glass with emphasis on refining a body of work for portfolio development and subsequent transfer, exhibition, scholarship application, and/or marketing. Portions of instruction may be offered online; may also be offered fully online.

*Prerequisite(s): ARCE 4C (or ARTC 4C)*

*Advisory: Completion of or concurrent enrollment in ENGL 1A or ENGL 1AE*

*Credit transferable: Transfers to CSU*

**ARCE 5 - Introduction to Glaze Experimentation (1.5-3 units)**

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 51-102 hours studio*

This course offers a basic introduction to various ways of glazing and finishing ceramic work. Portions of instruction may be offered online; may also be offered fully online.

*Advisory: ARCE 1 (or ARTC 1); and/or ARCE 1A (or ARTC 1A or ART 70A); and/or ARCE 2A (or ARTC 2A or ART 71A); completion of or concurrent enrollment in ENGL 1A or ENGL 1AE*

*Credit transferable: Transfers to CSU & UC*

**ARCE 6 - Glaze Calculation (1.5-3 units)**

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 51-102 hours studio*

This course is an exploration of glaze formulation, including a triaxial method of calculation, glaze adjustment, base substitution testing, color addition to glazes, and effects of kiln stacking and firing on glazes. Emphasis is on calculating glaze formulas mathematically. Portions of instruction may be offered online; may also be offered fully online.

*Advisory: ARCE 1 (or ARTC 1); or ARCE 1A (or ARTC 1A or ART 70A); or ARCE 2A (or ARTC 2A or ART 71A)*

*Credit transferable: Transfers to CSU*

**ARCE 7 - Ceramic Surface Design and Technique (1.5-3 units)**

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 51-102 hours studio*

This course is an exploration of innovative techniques for surface design on clay, which may include clay inlay, stenciling, printing, embossing, spraying, sgraffito, or other methods. Portions of instruction may be offered online; may also be offered fully online.

*Advisory: ARCE 1A (or ARTC 1A or ART 70A); and/or ARCE 2A (or ARTC 2A or ART 71A)*

*Credit transferable: Transfers to CSU*

**ARCE 8 - Alternative Throwing Techniques (1.5-3 units)**

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 51-102 hours studio*

This course offers an exploration of processes that involve throwing forms on the potter's wheel and altering them to create projects that move beyond the basic thrown forms. Portions of instruction may be offered online; may also be offered fully online.

*Advisory: ARCE 2A (or ARTC 2A or ART 71A)*

*Credit transferable: Transfers to CSU*

*GE Credit: MPC C Humanities*

**ARCE 9 - Alternative Firing Techniques (1.5-3 units)**

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 51-102 hours studio*

This course explores non-traditional firing methods, which may include raku, pit, soda, low-fire salt, sagger firing, mid-range glazes, or glass. Portions of instruction may be offered online; may also be offered fully online.

*Advisory: ARCE 1A (or ARTC 1A or ART 70A); and/or ARCE 2A (or ARTC 2A or ART 71A)*

*Credit transferable: Transfers to CSU*

*GE Credit: MPC C Humanities*

**ARCE 11 - Clay and Glass (3 units)**

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 102 hours studio*

This course is an introduction to combining ceramics and glass. Students will design and execute mixed-media projects that demonstrate the creative potential for combining the two media. Portions of instruction may be offered online; may also be offered fully online.

*Prerequisite(s): ARCE 1 (or ARTC 1); or ARCE 1A (or ARTC 1A or ART 70A); or ARCE 2A (or ARTC 2A or ART 71A); or ARCE 4A (or ARTC 4A or ART 81A or ART 81)*

*Credit transferable: Transfers to CSU*