



Clay Sculpture Diploma Credential: Diploma in Professional Arts and Crafts: Clay Sculpture D30290

This curriculum is designed to prepare individuals to become professional craftsmen in clay sculpture. Emphasis is placed on hands-on training and the design skills needed to aid students in personalizing their own work. Graduates will be able to open and operate their own professional craft studio, work for an existing professional craftsman, or obtain employment in craft retail sales.

Program Length: 4 Semesters
 Career Pathway Option: Associate in Applied Science Degree in Professional Arts and Crafts: Sculpture
 Program Sites: Siler City – Day, Evening

Course Requirements for Clay Sculpture Diploma

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| A. General Education Courses (7 SHC) | | C-L-SHC |
| *ENG 111 | Expository Writing | 3-0-3 |
| ENG 111A | Expository Writing Lab | 0-2-1 |
| **MAT 140 | Survey of Mathematics | 3-0-3 |
| B. Required Major Core Courses (14 SHC) | | |
| PCC 110 | Introduction to Pottery | 3-15-8 |
| PCD 110 | Introduction to Craft Design | 1-3-2 |
| PCS 210 | Introduction to Clay Sculpture | 1-9-4 |
| C. Other Major Hours (22 SHC) | | |
| BUS 280 | REAL Small Business | 4-0-4 |
| CIS 111 | Basic PC Literacy | 1-2-2 |
| PCC 111 | Functional Pottery I | 3-15-8 |
| PCC 116 | Pottery Tool Making | 1-3-2 |
| PCC 119 | Clay Design: Special Study | 0-4-2 |
| PCC 132 | Glaze Formulation | 1-3-2 |
| PCD 211 | Product Craft Design | 1-3-2 |

Total Semester Hours Credit Required for Graduation: 43

Semester Curriculum for Clay Sculpture Diploma

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| 1st Semester (Fall) | | C-L-SHC |
| CIS 111 | Basic PC Literacy | 1-2-2 |
| PCC 110 | Introduction to Pottery | 3-15-8 |
| PCD 110 | Introduction to Craft Design | <u>1-3-2</u> |
| | | 5-20-12 |
| 2nd Semester (Spring) | | |
| ENG | English Requirement | 3-0-3 |
| ENG | English Lab | 0-2-1 |
| PCC 111 | Functional Pottery I | 3-15-8 |
| PCC 132 | Glaze Formulation | <u>1-3-2</u> |
| | | 7-20-14 |
| 3rd Semester (Fall) | | |
| PCD 211 | Product Craft Design | 1-3-2 |

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|-----------------------|--------------------------------|--------------|
| PCS 210 | Introduction to Clay Sculpture | <u>1-9-4</u> |
| | | 2-12-6 |
| 4th Semester (Spring) | | |
| BUS 280 | REAL Small Business | 4-0-4 |
| **MAT 140 | Survey of Mathematics | 3-0-3 |
| PCC 116 | Pottery Tool Making | 1-3-2 |
| PCC 119 | Clay Design: Special Study | <u>0-4-2</u> |
| | | 8-7-11 |

* Students may substitute ENG 110 (nontransferable).
 ** Students may substitute MAT 115 (nontransferable).
 Total Semester Hours Credit: 43

COURSE DESCRIPTIONS

BUS 280 REAL Small Business 4-0-4
 This course introduces hands-on techniques and procedures for planning and opening a small business, including the personal qualities needed for entrepreneurship. Emphasis is placed on market research, finance, time management, and day-to-day activities of owning/operating a small business. Upon completion, students should be able to write and implement a viable business plan and seek funding.

CIS 111 Basic PC Literacy 1-2-2
 This course provides an overview of computer concepts. Emphasis is placed on the use of personal computers and software applications for personal and fundamental workplace use. Upon completion, students should be able to demonstrate basic personal computer skills.

ENG 111 Expository Writing 3-0-3
Prerequisites: RED 090 and ENG 090 or appropriate placement test scores
Corequisites: ENG 111A
 This course is the required first course in a series of two designed to develop the ability to produce clear expository prose. Emphasis is placed on the writing process including audience analysis, topic selection, thesis support and development, editing, and revision. Upon completion, students should be able to produce unified, coherent, well-developed essays using standard written English. *This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in English composition.*

ENG 111A Expository Writing Lab 0-2-1
Prerequisites: RED 090 and ENG 090 or appropriate placement test scores
Corequisites: ENG 111
 This writing laboratory is designed to apply the skills introduced in ENG 111. Emphasis is placed on the editing and revision components of the writing process. Upon completion, students should be able to apply those skills in the production of final drafts in ENG 111. The computer is used as a writing and design tool for this course.

MAT 140 Survey of Mathematics 3-0-3
Prerequisites: MAT 070, MAT 080, MAT 120, MAT 121, MAT 161, MAT 171, or MAT 175 or appropriate placement test scores
 This course provides an introduction in a non-technical setting to selected topics in mathematics. Topics may include, but are not limited to, sets, logic, probability, statistics, matrices, mathematical systems, geometry, topology, mathematics of finance, and modeling. Upon completion, students should be able to understand a variety of mathematical applications, think logically, and be able to work collaboratively and independently. *This course has been approved to satisfy the Comprehensive Articulation Agreement general education core requirement in natural sciences/mathematics*

PCC 110 Introduction to Pottery 3-15-8

This course introduces pottery making for potters, including clay preparation, wheel throwing and trimming, surface decoration, and glazing and firing techniques. Topics include clay bodies, and the mixing process, potter's wheel basics, glazing, kiln loading and firing, and safety issues. Upon completion, students should be able to prepare clay; center and throw basic forms; trim, mix, and apply basic glazes; and load and fire bisque kilns.

PCC 111 Functional Pottery I 3-15-8

This course covers the important elements of designing and producing utilitarian pottery, including wall thickness, balance and proportion, surface decoration, and glazing and firing techniques. Topics include bowls, mugs, plates, casseroles, stemware, and bottles, with emphasis on safe glazing and supervised firing. Upon completion, students should be able to produce a variety of functional pots, apply a glaze, and load and assist firing a kiln.

PCC 116 Pottery Tool Making 1-3-2

This course covers design concepts and construction techniques for building simple personal studio equipment, including wedging tables, extruders, and kiln furniture. Emphasis is placed on skills and safe use of hand tools, design fundamentals, selection of needed materials, and construction methods. Upon completion, students should be able to identify appropriate projects, select materials and tools, obtain materials, and construct several small and one major project.

PCC 119 Clay Design: Spec Study 0-4-2

This course provides a format in which to explore personal interests in clay design with instructor supervision. Emphasis is placed on student proposals and student-instructor-developed contractual agreements specifying goals, deadlines, and evaluation criteria. Upon completion, students should be able to complete clay design projects as specified in student-instructor-designed contractual agreements.

PCC 132 Glaze Formulation 1-3-2

This course provides an in-depth study of glazes used on pottery. Emphasis is placed on performing glaze tests, analyzing glazes, mixing a variety of glazes, and correcting glaze faults. Upon completion, students should be able to demonstrate an understanding of glaze chemical qualities and formulate new glazes.

PCD 110 Introduction to Craft Design 1-3-2

This course introduces the basic principles, elements, vocabulary, and process of two-dimensional design within the context of professionally produced crafts. Emphasis is placed on general design concepts and vocabulary, conceptual thinking, design process application, and observational skills. Upon completion, students should be able to demonstrate enhanced observational skills and a working knowledge of design vocabulary, concepts, and processes.

PCD 211 Prof Craft Design 1-3-2

Prerequisites: PCD 110

This course covers the development of customer- or site-influenced design and the development and design of craft marketing promotional materials. Topics include customer-guided, site-specific, and other design influences and development and design of logos, hang tags, web sites, brochures, and related promotional materials. Upon completion, students should be able to design within site, customer, or other limitations and complete a design package for their personal marketing needs.

PCS 210 Introduction to Clay Sculpture 1-9-4

Prerequisites: PCC 110

This course introduces the techniques of sculpture, including figures, animals, and portraiture, and the tools and equipment needed. Topics include the artistic concepts of form, rhythm, flow, movement, color and its relation to light. Upon completion, students should be able to form well-designed sculptures demonstrating the artistic concepts as applied to decorative ceramics.