

**Central Carolina Community College  
Program Planning Guide**

**Sculpture Diploma  
Credential: Diploma in Professional Arts and Crafts: Sculpture (D30290SC)**

This curriculum is designed to prepare individuals to become professional craftsmen and entrepreneurs in the area of 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 Options: Associate in Applied Science in  
Professional Arts and Crafts: Sculpture  
Program Sites: Siler City

Suggested Course Schedule:	HOURS			Grade	Semester	Notes
	Class	Lab	Credit			
<b>1st Semester (Fall)</b>						
ART 283	Ceramics I	0	6	3		
CIS 111	Basic PC Literacy	1	2	2		
PCD 110	Intro to Craft Design (2-D)	1	3	2		
PCS 112	Welding for Artists	1	4	3		
		3	15	10		
<b>2nd Semester (Spring)</b>						
ART 281	Sculpture I	0	6	3		
ENG 111	Expository Writing	3	0	3		
ENG 111A	Expository Writing Lab	0	2	1		
PCD 111	Advanced Craft Design (3-D)	1	3	2		
PCS 110A	Metal Sculpture A	1	3	2		
PCS 210	Intro to Clay Sculpture	1	9	4		
		6	23	18		
<b>3rd Semester (Fall)</b>						
PCC 121	Hand Building I	2	3	3		
PCC 125	Clay Casting	1	3	2		
PCD 211	Professional Craft Design (Marketing)	1	3	2		
PCS 110B	Metal Sculpture B	1	6	3		
		5	15	10		
<b>4th Semester (Spring)</b>						
BUS 280	REAL Small Business	4	0	4		
MAT 140	Survey of Mathematics	3	0	3		
PCS 114	Advanced Metal Sculpture	2	9	5		
		9	9	12		

Total Semester Hours Credit: 50

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## Course Descriptions

### **ART 281 Sculpture I 0-6-3**

This course provides an exploration of the creative and technical methods of sculpture with focus on the traditional processes. Emphasis is placed on developing basic skills as they pertain to three-dimensional expression in various media. Upon completion, students should be able to show competence in variety of sculptural approaches. This course has been approved for transfer under the CAA and ICAA as a premajor and/or elective course requirement.

### **ART 283 Ceramics I 0-6-3**

This course provides an introduction to three-dimensional design principles using the medium of clay. Emphasis is placed on fundamentals of forming, surface design, glaze application, and firing. Upon completion, students should be able to demonstrate skills in slab and coil construction, simple wheel forms, glaze technique, and creative expression. This course has been approved for transfer under the CAA and ICAA as a premajor and/or elective course requirement.

### **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: Take one set: RED 090 and ENG 090, ENG 095, 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 for transfer under the CAA and ICAA as a general education course in English Composition.

### **ENG 111A Expository Writing Laboratory 0-2-1**

*Prerequisites: Take one set: RED 090 and ENG 090, ENG 095, 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**

*Prerequisite: Take one set: MAT 060 and MAT 070, MAT 060 and MAT 080, MAT 060 and MAT 090, MAT 095, MAT 120, MAT 121, MAT 161, MAT 171, 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. Under the CAA and ICAA, this course satisfies the general education Mathematics requirement for the AA and AFA degrees. It does not satisfy the general education Mathematics requirement for the AS degree.

### **PCC 121 Hand Building I 2-3-3**

This course introduces students to the basic hand building processes of creating three-dimensional functional and sculptural vessels in clay. Emphasis is placed on using design elements and principles for the purpose of forming and decorating ceramic vessels. Upon completion students should be able to demonstrate skills in pinch, coil, and slab methods as well as function and creative expression

### **PCC 125 Clay Casting 1-3-2**

*Prerequisites: PCC 110*

This course introduces the different ways of shaping ceramic items, leading to the use of plaster molds and process of "slipcasting." Topics include model and mold-making, block and case mastermold, gypsum, resins, clay selection, mineral additives, flocculation, thixotrophy, deflocculation, rheology, specific gravity, and casting rates. Upon completion, students should be able to cast in molds; remove, de-seam, and clean greenware; maintain molds; and layout studios.

### **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 111 Advanced Craft Design 1-3-2**

*Prerequisite: PCD 110*

This course explores the conceptual process of design as applied to the three-dimensional form. Emphasis is placed on solving three-dimensional design problems which are material, function, site, or client specific. Upon completion, students should be able to apply an enhanced understanding of the relationship between design concept, process, and product in three-dimensional form.

### **PCD 211 Prof Craft Design 1-3-2**

*Prerequisite: 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.

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**PCS 110 Introduction to Metal Sculpture 2-9-5**

*Prerequisite: PCS 112*

This course introduces the process and design of metal sculpture for the craftsman. Topics include design of metal sculpture, their layout, construction, finishing, and studio safety. Upon completion, students should be able to demonstrate the ability to design and construct metal sculptures.

**PCS 112 Beginning Welding for Artists 1-4-3**

This course is an introduction to the proper equipment and tools of the metal shop and welding methods for the artist. Topics include welding, cutting, forging, fabricating and finishing, and studio safety. Upon completion, students will be able to demonstrate efficient and safe use of metal shop tools and equipment.

**PCS 114 Advanced Metal Sculpture 2-9-5**

*Prerequisite: PCS 110*

This course is designed to introduce advanced techniques of metal sculpture. Topics include forging, fabricating, and casting, with emphasis placed on the design and construction of artistic sculpture. Upon completion, students will demonstrate advanced skills in the techniques of welding, forging, and casting metal sculpture.

**PCS 210 Introduction to Clay Sculpture 1-9-4**

*Prerequisite: PCC 110*

This course introduces the techniques of sculpture, including figures, animals, and portraits, 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.