

Los Medanos College Narrative for the Certificate of Achievement in Three Dimensional Design

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Program Name: Certificate of Achievement: Three Dimensional Design

1. *Program Goals and Objectives – must address a valid **transfer**, workforce preparation, basic skills, and lifelong learning purpose:*

The certificate program in Three Dimensional Design addresses a valid *transfer* purpose: students transferring to CSU's will be completing 3 or more of the courses required for lower division preparation for a studio art major. They can complete this certificate on their way to completing an AAT-Studio Arts, or as a nested program inside of an AA in Art at LMC. In addition, this certificate can provide, through the Three Dimensional Design course, *workforce preparation* experience with a Makerspace (digitally programmed fabrication lab, if available). Also, this certificate program can provide an experience of self-designed project inception, process and completion that is empowering to students of widely varied backgrounds, including basic skills and lifelong learners, who wish to finish a program in a relatively short time relative to the 60 unit AA in Fine Arts or Graphic Communication.

2. Catalog Description: The Three- Dimensional Design Certificate Program is designed to prepare students for transfer into three-dimensional design/fine arts fields at CSUs or UC's. It can also provide hands-on experience with materials for students who plan to transfer in fields such as engineering or architecture. In this program students will complete courses which provide experiences with 3D media such as ceramics and metal, which are required in sculpture and design programs at transfer institutions. In addition, this Certificate may provide, through the Three- Dimensional Design course, experience with a Makerspace (digitally programmed fabrication lab, when it becomes available). In this program students learn to generate ideas, design, fabricate, and complete projects, using traditional and contemporary materials and methods. This program can empower beginning-level or experienced students to design projects, and at six courses students can complete this certificate and have it to show potential employers or transfer institutions in two semesters.

The program requirements are that the student completes the following courses for a passing grade or higher:

Art 11: Three Dimensional Design - 3 units

Art 12: Design Drawing or Art 20: Introduction to Drawing - 3 units

Art 62: Introduction to Ceramic Sculpture - 3 units or

Art 64: Introduction to Ceramics through the Pottery Wheel – 3 units or

Art 66: Introductory Hand-built Ceramics – 3 units

Art 60: Introductory Concepts of Sculpture- 3 units

Art 72: Introduction to Digital Photography - 3 units

Art 86: Animation and 3D Modeling - 3 units

Total: 18 units

There are no prerequisite skills or enrollment limitations for this program, all the listed courses are introductory level.

Program-Level Student Learning Outcomes (PSLOs):

1. Demonstrate appropriate and safe practices in digital photography, drawing and three-dimensional media, and computer-based studio environments for animation and 3D modeling.
2. Present, explain and justify their conceptual design solutions using the vocabulary of three dimensional design elements and principles, and critique the solutions of others in a thoughtful, constructive manner.
3. Research and synthesize historical and contemporary examples of three-dimensional design with their own ideas in order to improve their creative and conceptualization processes.

3. Program Requirements – We suggest that the students take Art 11 early on in the sequence of courses for the certificate, and Art 60 later in the sequence, but these are suggestions not requirements, as all the classes listed are introductory level.

5. Enrollment and Completer Projections –


Projected number of students in the program*:

Fall-Year 1 10; Spring – Year 1 15

Fall-Year 2 20; Spring – Year 2 25

* Unduplicated total headcount in program-specific courses.

The following demonstrates that three or more of the courses required in this program show crosswalk with the LMC Studio Art transfer agreement.



Art: Studio Art AA-T Degree Checklist 2017-2018

This worksheet is a guideline for this major. Please meet with a counselor to review your educational plan, transfer goals, and graduation requirements.

Major Requirements

Need	In Progress	Complete	UNITS	COURSE #	COURSE NAME	EQUIVALENT
			3	Art-008	Western Art History III	
			3	Art-009	Western Art History IV	
			3	Art-010	Two-Dimensional Design Concepts	
			3	Art-011	Three-Dimensional Design Concepts	
			3	Art-020	Introduction to Drawing	
List A – Select one course: 3 Units						
			3	Art-016	Asian Art History	
List B – Select 3 of the following electives: 9 Units:						
			3 each	Art-021, 030, 038, 040, 047, 066, 069, 072, 250	Stude 030	

27 Units in the Major

Art 11 is a required class for the certificate

Art 20 is a required class for the certificate.

Art 66 is listed here. Art 62 and Art 64 should be added to this AAT, replacing Art 69 on this list

Art 72 is a required class for the certificate