

Los Medanos College
Certificate of Achievement in Three Dimensional Design
August 2019

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.

Program Requirements:

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

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

The Department suggests 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.

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.