

SCENIC, LIGHTING, AND PROJECTION DESIGN TECHNICIAN, CERTIFICATE OF ACHIEVEMENT

Banner Code: 2_CN_SLPD

Control Number: 35264

Financial Aid Eligible

The purpose of the Scenic, Lighting and Projection Design Technician Certificate is to provide student with a course of study leading to certification and employment, and prepare the student for occupational competency as a Scenic, Lighting and Projection Design Technician in educational, community and professional theater venues, theme parks, television and motion picture studios and special events. Students will learn the historical development and major trends of stagecraft and theater design arts, and the practical application of scenery, construction, properties, scenic painting, basic electronics, color, projections, maintenance of equipment and lighting design technologies. In addition, the course of study for this certificate will include creative considerations, viewing and discussions of contemporary scenic, lighting and projection design projects. Student will also learn specifics of scenic, lighting and projection equipment, software and hardware.

Program Level Learning Outcomes

Upon completion of this program, students will be able to:

1. Execute scenery, lighting and/or projection design for a live theatrical production.
2. Demonstrate, formulate and evaluate general drawing, theatrical painting skills, principles of color theory and paint mixing.
3. Construct, rig and operate scenery for a live theatrical production.
4. Execute projection designs, construct, rig and operate mixers, monitors, and projectors (both single and multiple screens) for a live theatrical production.
5. Generate still and moving-image content, perform fundamental image and video editing and prepare media for projection for a live theatrical production.
6. Identify and explain theory of stage lighting including functions and qualities of light, principles of electricity and color theory, and mount, maintain, and operate lighting instruments and equipment for various types of live theatrical production.
7. View live theater productions, opera productions, symphonic, pop and classical music concerts and/or dance concerts to generate discussion of contemporary scenic, lighting and projection design projects and for the purpose of creative considerations and written critical evaluation.

Review Graduation Requirements (<https://catalog.cccd.edu/golden-west/graduation-requirements/certificates/#achievementtext>).

Course	Title	Units
Core Courses		
THEA G100	Introduction to the Theater	3
THEA G175	Stage Scenery	3
THEA G176	Stage Lighting	3

Course	Title	Units
THEA G185	Stage Scenery 2 - Projection Design and Production	3
THEA G170	Theater Production and Stage Crew	2
THEA G166 or THEA G174	Stagecraft Scenic Painting and Technical Production Techniques	3
Total Units		17

Recommended Program Sequence

These sequences are general maps for students to finish all requirements for the Certificate. There may be advisories or time requirements that students may want to consider before following these maps. **Students are advised to meet with a GWC Counselor for alternate sequencing.**

Year 1:

Course	Title	Units
Semester 1		
THEA G100	Introduction to the Theater	3
THEA G175	Stage Scenery	3
THEA G176	Stage Lighting	3
<i>Units</i>		<i>9</i>

Course	Title	Units
Semester 2		
THEA G170	Theater Production and Stage Crew	2
THEA G185	Stage Scenery 2 - Projection Design and Production	3
THEA G166 or THEA G174	Stagecraft Scenic Painting and Technical Production Techniques	3
<i>Units</i>		<i>8</i>