

PROGRAM APPROVAL APPLICATION
NEW or SUBSTANTIAL CHANGE or LOCALLY APPROVED
(This application may not exceed 3 pages)

Fill In Form

Scenic, Lighting and Projection Design Technician

August 29, 2016

Proposed Program Title

Projected Program Start Date

Golden West College

Coast Community College District

College

District

Contact Information

Dr. David Gatewood

Dean, Business and Career & Technical Education

Voting Member

Title

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Phone Number

Email

Goal(s) of Program (Check all that apply):

Career Technical Education (CTE) Transfer Other

Type of Program (Check all that apply):

Certificate of Achievement 12-17 (or 17-27 quarter) units Certificate of Achievement 18+ semester (or 27+ quarter) units
 Associate of Science Degree Associate of Arts Degree

Reason for Approval Request (Check One):

New Program Substantial Change Locally Approved

Program Information

1006.00 Recommended [Taxonomy of Program \(TOP\) Code](#)

_____ Units for Major-Degree

_____ Total Units for Degree

17 Required Units-Certificate

Written Form

1. Insert the description of the program as it will appear in the catalog. (See PCAH pp. 142 and 170)

The Scenic, Lighting and Projection Design Technician Certificate will 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. Student 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. All courses must be completed with a grade of "C" or better. All courses are CSU transferable.

2. Provide a brief rationale for the program.

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.

3. Summarize the Labor Market Information (LMI) and employment outlook (including citation for the source of the data) for students exiting the program. (See PCAH pp. 85-88, 136, 147, 148, 165, 168, and 176)

For 2014, there were 51 regional Completions (LA/OC) and 261 job openings for occupations and programs associated with CIP 50.0502 (Technical Theatre/Theatre Design and Technology

Students enrolled in the Scenic, Lighting and Projection Design Technician Certificate at Golden West College will pursue professional employment opportunities throughout the state and region upon completion.

Theater Arts Occupations in LA & OC, dated November 2015, as prepared by Center of Excellence for Labor Market Research for Los Angeles & Orange Counties states that occupations related to theater arts are expected to grow 4% from 2014 through 2019. In 2014, there were 77,781 jobs related to theater arts in the Los Angeles and Orange counties. By 2019, there will be 80,903 of these jobs. **Source: EMSI Employment Data – 2015.2**

In the same report, there were a total of 2,455 job postings for theater arts occupations in 2014 in Los Angeles and Orange counties. The majority of these postings were for producers and directors, followed by actors (425), makeup artists (284), and audio and video equipment technicians (261). **Source: Burning Glass, 2015**

Projected employment for Audio and Video Equipment Technicians (SOC code 27-4011) is stated as 9,358 jobs in 2014 and projects 9,992 jobs in 2019. This reflects a 5-year change of 634 jobs or 7% with annual projected openings at 302 and projected median hourly earnings of \$22.44. **Source: EMSI Employment Data – 2015.2**

The State of California Employment Development Department, Occupations for Technical Theatre/Theatre Design and Technology in Orange County lists Audio and Video Equipment Technicians (SOC Code : 274011) in Orange County with a median wage for the first quarter of 2015 of \$24.65. In Orange County, estimated employment for Audio and Video Equipment Technicians was 920 in 2012. Projected employment in 2022 is 1,150. Annual projected openings over a 10-year period are 230 jobs reflecting an increase of 25%.

The Otis Art Institute's report on the "Creative Economy of the Los Angeles Region" cites average employment for Audio and Video Equipment Technicians as 8,670 in 2008. Average employment for the same group in 2013 was 9,520. These figures represent an increase of 850 reflecting a 9.8% growth. In the same period. median annual wage for Audio and Video Equipment Technicians was \$47,730. **Source: California EDD, LMD, QCEW Series, <http://www.otis.edu/otis-report-creative-economy>**

For 2013, there were 59 regional Completions (LA/OC) and 127 job openings for occupations and programs associated with CIP 50.0502 (Technical Theatre/Theatre Design and Technology).

4. List similar programs at other colleges in the Los Angeles and Orange County Region which may be

adversely impacted. (There is space for 10 listings, if you need more, please contact laocrc@sccollege.edu)

College	Program	Who You Contacted	Outcome of Contact
Fullerton College	Lighting Technician	Steve Pliska	Supports program
Glendale Community College	Certificate in Theater Arts – Technical Theater	Jeanette Farr-Harkins	Supports program
Santa Monica City College	Technical Theatre- AS & Certificate	Perviz Sawoski	Supports program
Long Beach City College	Technical Emphasis—AA Degree / Transfer	Gregory Mortenson	Supports program
Santa Ana College	Entertainment Lighting Technology Certificate	Valinda Tivenan	Supports program
Orange Coast College	AA Theater Arts	Rick Golson	Supports program
El Camino College	Entertainment Lighting and Technology	William Georges	No response
Citrus College	Theater Tech	Don Volante	Supports Program
Cypress College	Lighting/Audio Design Certificate	Mark Majerian	No response
Los Angeles City College	Theatre Technology	Leslie Ferreira	No response
Saddleback College	Entertainment Theater Technology	Kent McFann	Supports program

5. List all courses required for program completion, including core requirements, restricted electives and prerequisites. (There is space for 20 listings, if you need more, please contact laocrc.sccollege.edu). (See PCAH pp. 143 and 171)

Courses	Course Number	Course Title	Units
Introduction to the Theater	THEA G100	Introduction to the Theater	3
Stage Scenery	THEA G175	Stage Scenery	3
Stage Lighting	THEA G176	Stage Lighting	3
Stage Scenery 2 – Projection Design and Production	THEA G185	Stage Scenery 2 – Projection Design and Production	3
Theater Production and Stage Crew	THEA G170	Theater Production and Stage Crew	2
Play Production and Performance 2	THEA G126	Play Production and Performance 2	1
Musical Theater Production and Performance 2	THEA G211	Musical Theater Production and Performance 2	2

6. Include any other information you would like to share.

Scenic, Lighting and Projection Design Technician Advisory Committee is comprised of representatives from professional agencies, businesses, corporations and studios located in Los Angeles and Orange counties, full-time and part-time theater arts faculty from local colleges/universities, graduates employed in the entertainment field and Golden West College administrators. The committee met to discuss job prospects as they relate to the demand for this certificate and its relevance to live theater and concerts, motion picture, media industries, theme parks, special events, industrial and convention industries and the tourist and leisure services industry. The expertise of individuals on this committee plays an integral role in fostering the development of a trained and educated workforce.