

# THEA 229: CONCERT TOURING LIGHTING DESIGNER

## Citrus College Course Outline of Record

| Heading                       | Value           |
|-------------------------------|-----------------|
| Effective Term:               | Fall 2024       |
| Credits:                      | 3               |
| Total Contact Hours:          | 90              |
| Lecture Hours :               | 36              |
| Lab Hours:                    | 0               |
| Hours Arranged:               | 54              |
| Outside of Class Hours:       | 72              |
| Total Student Learning Hours: | 162             |
| Prerequisite:                 | THEA 226.       |
| Transferable to CSU:          | Yes             |
| Transferable to UC:           | No              |
| Grading Method:               | Standard Letter |

## Catalog Course Description

A course in which students will gain practical experience executing a lighting design for off-campus concert productions. 36 lecture hours, 54 lab hours arranged.

## Course Objectives

- solve problems in concert touring through the ability to interpret working drawings and plots in the set up of lights for a production
- demonstrate knowledge on the set up and operation of static and intelligent lighting consoles to include but not limited to ETC express, ETC EOS, GrandMA, HOG, Virtuoso and Avolites.
- demonstrate knowledge on the set up and operation of a tour lighting rig
- demonstrate proficiency in the skills required for lighting design for a live concert.
- demonstrate and employ basic skills required for the technical demands of a live concert production
- execute the lighting responsibilities in pre rig, show run, and strike
- demonstrate knowledge on the set up and operation of lighting rig for a variety of venues
- collaborate with other leads in executing a live concert through planning and execution

## Major Course Content

1. Preparation to lead in concert production including necessary touring techniques
2. Identify and safely utilize appropriate tools to fulfill lighting requirements for a concert performance
3. Basic lighting and concert touring terminology
4. Advanced knowledge in tour lighting systems
5. Recognize and demonstrate collaborative responsibilities with the promoter, designers, and crew supervisors

6. Demonstrate and apply basic and advanced skills in running a concert
7. Create, maintain or construct basic concert lighting elements

## Hours Arranged Content

Guided instruction in...

1. Rigging, hanging, circuiting and focusing of lighting instruments
2. Followspot operation
3. Operating a static and intelligent lighting control console
4. Lighting crew work
5. Lighting design for concerts
6. Control protocol signal path
7. Reading concert lighting plots
8. Basic electrical requirements for a live sound system
9. Stage truss assembly and rigging
10. Staging assembly and safety check
11. Reading scenic design plans
12. Backstage etiquette
13. Backstage responsibilities
14. Stage crew work
15. Backstage safety procedures
16. Venue survey
17. Production management

## Suggested Reading Other Than Required Textbook

PLSN (Projection, Lights and Staging News) industry magazine

## Examples of Required Writing Assignments

A minimum three page critique on each concert production for that semester

## Examples of Outside Assignments

Research on the use of stage lighting and video equipment currently used in concerts Research to include but is not limited to a variety of operating techniques and abilities of consoles and stage lighting instruments as well as diagnosis of control protocols such as digital multiplexing Research concert lighting production

## Instruction Type(s)

Lab, Lecture