

THEA 155: SINGLE CAMERA PRODUCTION

Citrus College Course Outline of Record

Heading	Value
Effective Term:	Fall 2025
Credits:	3
Total Contact Hours:	90
Lecture Hours :	36
Lab Hours:	54
Hours Arranged:	0
Outside of Class Hours:	72
Total Student Learning Hours:	162
Transferable to CSU:	Yes
Transferable to UC:	No
Grading Method:	Standard Letter, Pass/No Pass

Catalog Course Description

An introduction to single camera production and post-production techniques. Topics covered include, basic storytelling, the production process, cameras and shooting techniques, digital formats, lighting equipment and techniques, basic audio, and editing video and audio projects. 36 lecture hours, 54 lab hours.

Course Objectives

- Demonstrate understanding of the workflow of the production process from idea to completed production including successful teamwork
- Demonstrate basic understanding of digital video camera operations in both technical and aesthetic aspects to acquire quality content
- Demonstrate an understanding of lighting a shot correctly for any deliverable and choose equipment accordingly.
- Demonstrate understanding of the workflow and techniques of audio in the video production process from recording to mixing for the best final product.
- Demonstrate an understanding of the post-production process in order to produce complete cohesive projects.

Major Course Content

1. Lighting setup, power, safety, demonstrating multiple techniques Overview of pre-production, production and post-production relative to final output, script/storyboard, production roles, professional standards of working with crew and talent, legal and ethics, budget and documentation
2. Basic camera functions, elements operation: types of cameras, lenses, zoom ranges, lens speed, lens iris and aperture, f-stops, white balance, basic filters, viewfinders, camera operation including recording formats, tripod use and external recorders and displays
3. Picture composition: framing shots, aspect ratio, composition, movement, angles, shot sizes
4. basic lighting equipment: types of lights and color temperatures, safety, use of diffusion/flagging. And techniques: key lights, natural light, background and shadow.

5. Intro to location audio including microphones types, use and appropriate placement, recording equipment, basic audio post-production with appropriate blend/balance/perspective/etc
6. Post-production: non-linear editing workflow, ingest of content/ logging/timecode, understanding of file formats and aspect ratios as relating to final output, editing techniques for continuity and pace, basics of video graphics and titling, and specifications of project deliverables including appropriate compression techniques

Lab Content

Guided instruction in...

1. Tripod setup, camera setup, camera operation
2. Audio setup, mic placement including boom/shotgun and lavs
3. setting up a two to three camera shoot
4. Lighting setup, power, safety, demonstrating multiple techniques
5. On location video/audio capture
6. Post-production editing/mixing and completion including meeting production deliverable specs (file type, aspect, compression, etc)

Suggested Reading Other Than Required Textbook

Lighting for Digital Video and Television John Jackman Paperback: 272 pages Publisher: Focal Press; 3 edition (May 10, 2010) Language: English ISBN-10: 0240812271 ISBN-13: 978-0240812274

Examples of Required Writing Assignments

Write essays, research papers, lab reports, or journals on live event video production.

Examples of Outside Assignments

Practice skills Solve problems Observe activities related to course content Participate in activities related to course content

Instruction Type(s)

Lab, Lecture, Online Education Lab, Online Education Lecture