



CAMOSUN COLLEGE

School of Arts & Science
Communication Department

LEAV 115 – Lighting Fundamentals
2017F

COURSE OUTLINE

A calendar description of this course can be found on the web @:
http://camosun.ca/learn/calendar/current/web/leav.html

Please note: This outline will not be kept indefinitely. It is recommended students keep this outline for their records, especially to assist in transfer credit to post-secondary institutions.

1. Instructor Information

Table with instructor details: (a) Instructor: Blake Handley; (b) Office hours: Monday 9am – 10:30am or by appointment; (c) Location: Young 315C; (d) Phone: 250-370-3617, Alternative: ; (e) E-mail: handley@camosun.ca; (f) Website:

2. Intended Learning Outcomes

(If any changes are made to this part, then the Approved Course Description must also be changed and sent through the approval process.)

Upon successful completion of this course a student will be able to:

1. Set up and strike Lighting and Special Electrical Effects for simple productions within a defined time period.

- Discuss and demonstrate the organizational process required to efficiently and effectively unload, set up, operate, take down, and load staging equipment for an event or show.

2. Safely operate tools and equipment to repair, anchor, move, connect, and add effects to a live event production.

- Discuss and safely operate stage and event lighting including power distribution, lighting controls, individual lights of various types, special effects devices like fog machines and fans.
Discuss and safely operate tools and equipment required for a live event production including – ropes, hoists, pipes, truss, staging, and effects units.
Demonstrate the proper and safe techniques of building electrical cabling, light installation and operations (focus setting).
Demonstrate the proper and safe use of extension, step and stair ladders.

3. Demonstrate stage etiquette, initiative, and responsibility as part of a team and as an individual.

- Discuss and evaluate proper stage etiquette and know how to work effectively as a production team member
- Discuss and demonstrate proper stage etiquette and know how to contribute effectively to the production

4. Follow safe working procedures as outlined by Worksafe BC.

- Demonstrate and understand the need for following the guidelines and policies for Theatre Work as outlined in Worksafe BC.

3. Required Materials

(a) Text

No text required

(b) Safety equipment and tools required:

| Item | Description |
|-----------------|---|
| Safety Boots | Aggressor - Men's 8" Steel Toe Steel Plate Work Boots |
| Gloves | DAKOTA - Ultimate Cowhide Leather Gloves |
| Multi-Tool | Leatherman REV™ Multi-Tool |
| MultiDriver | Mastercraft 7-in-1 Screwdriver, 2-Pk |
| Crescent Wrench | MAXIMUM - 6" Adjustable Wrench |
| Flashlight | Mastercraft Power Metal Flashlight |
| Knife | Buck Vantage Select Folding Knife |
| Helmet | Stanley® A79 Yellow Hard Hat |

4. Course Content and Schedule

| Week / Class | Topic | Exams/Assignments |
|---------------------|--|--|
| Week 1 Sept 6 | Introduction to the course: Theatre History/ Electrical concepts | Create Extension Cables Theatre History Quiz |
| Week 2 Sept 13 | Load in/Strikes | Lifting Video Quiz Types of lights |
| Week 3 Sept 20 | Rigging | |
| Week 4 Sept 27 | Instruments | Knots Review Video |
| Week 5 Oct 4 | Langham Court Tour | Essay – Why is Community Theatre Important? |
| Week 6 Oct 11 | Building a Theatre | |
| Week 7 Oct 18 | Royal Theatre Tour | Essay – Compare your view of Langham to the Royal theatre. |
| Week 8 Oct 25 | Review and Mid-Term Exam | Review Course to date and Mid-term Exam |
| Week 9 Nov 1 | Light Plots and Digital Lighting | Create your own light plot for a small club rock show. |
| Week 10 Nov 8 | Focusing | Video installing and focusing a leko or source 4 |
| Week 11 Nov 15 | LED Instruments | Knots Review Video |
| Week 12 Nov 22 | SOFMA Tour | Review Essay of SOFMA – What are your opinions of working in SOFMA |
| Week 13 Nov 29 | Film and Television | Video – Light and Video a 1-2 minute monologue with an Actor/Actress |
| Week 14 Apr. 11 | Final Class Review/Final Exam | Final Exam |

5. Basis of Student Assessment (Weighting)

(Should be directly linked to learning outcomes.)

| Task | Total % |
|--|----------------|
| (a) Assignments | |
| Knots Review Video | 4 |
| Light Hang and Focus Technique Video | 4 |
| Light Plot | 4 |
| Audition/Presentation Video | 5 |
| Essay #1 Community Theatre | 6 |
| Essay #2 Compare Langham to Royal Theatre | 6 |
| Essay #3 Working in SOFMA | 6 |
| | |
| (b) Quizzes | |
| Theatre History Quiz (1 x 3%) = 3% | 5 |
| Types of Lights Quiz (1 x 3%) = 3% | 5 |
| | |
| (c) Exams | |
| 1 Mid-Term review | 10 |
| 1 End of Term review | 17 |
| | |
| (d) Other (e.g. Project, Attendance, Group Work) | |
| Construct Electrical Cables | 5 |
| Hang and Wire a truss or pipe | 5 |
| Create a circuit diagram and patch panel | 5 |
| Attendance & participation | 13 |
| | |
| Total | 100 |

6. Grading System

(If any changes are made to this part, then the Approved Course description must also be changed and sent through the approval process.)

(Mark with "X" in box below to show appropriate approved grading system – see last page of this template.)

- | | |
|--|---|
| | <input checked="" type="checkbox"/> Standard Grading System (GPA) |
| | <input type="checkbox"/> Competency Based Grading System |

7. Recommended Materials or Services to Assist Students to Succeed Throughout the Course

LEARNING SUPPORT AND SERVICES FOR STUDENTS

There are a variety of services available for students to assist them throughout their learning. This information is available in the College Calendar, Student Services or the College web site at <http://www.camosun.bc.ca>

STUDENT CONDUCT POLICY

There is a Student Conduct Policy. It is the student's responsibility to become familiar with the content of this policy. The policy is available in each School Administration Office, Registration, and on the College web site in the Policy Section.
<http://www.camosun.bc.ca/policies/policies.html>

GRADING SYSTEMS <http://www.camosun.bc.ca/policies/policies.php>

The following two grading systems are used at Camosun College:

1. Standard Grading System (GPA)

| Percentage | Grade | Description | Grade Point Equivalency |
|------------|-------|--------------------------------------|-------------------------|
| 90-100 | A+ | | 9 |
| 85-89 | A | | 8 |
| 80-84 | A- | | 7 |
| 77-79 | B+ | | 6 |
| 73-76 | B | | 5 |
| 70-72 | B- | | 4 |
| 65-69 | C+ | | 3 |
| 60-64 | C | | 2 |
| 50-59 | D | | 1 |
| 0-49 | F | Minimum level has not been achieved. | 0 |

2. Competency Based Grading System (Non GPA)

This grading system is based on satisfactory acquisition of defined skills or successful completion of the course learning outcomes

| Grade | Description |
|-------|---|
| COM | The student has met the goals, criteria, or competencies established for this course, practicum or field placement. |
| DST | The student has met and exceeded, above and beyond expectation, the goals, criteria, or competencies established for this course, practicum or field placement. |
| NC | The student has not met the goals, criteria or competencies established for this course, practicum or field placement. |

Temporary Grades

Temporary grades are assigned for specific circumstances and will convert to a final grade according to the grading scheme being used in the course. See Grading Policy at <http://www.camosun.bc.ca/policies/E-1.5.pdf> for information on conversion to final grades, and for additional information on student record and transcript notations.

| Temporary Grade | Description |
|-----------------|---|
| I | <i>Incomplete:</i> A temporary grade assigned when the requirements of a course have not yet been completed due to hardship or extenuating circumstances, such as illness or death in the family. |
| IP | <i>In progress:</i> A temporary grade assigned for courses that are designed to have an anticipated enrollment that extends beyond one term. No more than two IP grades will be assigned for the same course. |
| CW | <i>Compulsory Withdrawal:</i> A temporary grade assigned by a Dean when an instructor, after documenting the prescriptive strategies applied and consulting with peers, deems that a student is unsafe to self or others and must be removed from the lab, practicum, worksite, or field placement. |