



UNIVERSITY OF ALBERTA
FACULTY OF ARTS

Department of Drama
Drama 292 - A01 Advanced Lighting, Electrics and Sound
Fall 2024

Instructor: [REDACTED]

Office: [REDACTED]

Phone: n/a

E-mail: [REDACTED]

Office Hours: by appointment

Course Location, Days and Times: [REDACTED]

The University of Alberta respectfully acknowledges that we are situated on Treaty 6 territory, traditional lands of First Nations and Métis people.

Course Information

Course Description:

Lighting: This course description outlines an advanced study in theatrical lighting, focusing on the integration of support systems and sophisticated programming techniques. It covers the interconnection between lighting and sound systems, emphasizing how to trigger and synchronize these consoles effectively. Building on prior knowledge, students will explore the technical aspects of programming and networking within a theatrical environment, gaining skills essential for seamless production coordination.

Sound: Building on the insights from Drama 291, Drama 292 hones in on the intricate world of theatrical sound, spotlighting the mastery of digital mixers. This course guides students through the nuances of sound reinforcement and design suited for professional theatre. Participants will engage deeply with digital mixers, understanding their capabilities and best practices for theatrical integration. As they advance, students will consolidate their knowledge in sound science, content creation, and live audio techniques. Throughout, the course emphasizes a harmonious blend of technical skill and artistic flair, with collaboration as a cornerstone of the learning process.

It is your responsibility as a student to ensure that you have the appropriate prerequisites for the course.

Course Objectives and Expected Learning Outcomes:

Lighting: By course's completion students should be able to operate in two roles - Lead the hang and focus calls as well as be a programmer for the lighting designer.

| | Objectives | Expected Learning Outcomes |
|----------------------|---|---|
| <i>Knowledge</i> | Review Drama 291 | show comprehension of Drama 291 subjects |
| <i>Understanding</i> | the purpose of support and how to access | Build upon your understanding of the lighting department team |
| <i>Application</i> | Use lightning systems more effectively in theatrical settings | understand best uses and practices of lighting systems |
| <i>Analysis</i> | Evaluate choices made in set an impact outcomes | Assess choices while trying not to get frozen by analyzation |
| <i>Creating</i> | Find new ways to connect your ideas to lighting | Create diverse ways of completing system control changes |
| <i>Evaluation</i> | Critique the installs and strikes of the lighting hangs and focus | Offer feedback on lighting install and methods of co |

Sound:

By the course's end, students should be adept at creating and critiquing theatrical sound with a key focus on the role and usage of digital mixers.

| | Objectives | Expected Learning Outcomes |
|----------------------|---|---|
| <i>Knowledge</i> | Recall foundational sound design concepts from Drama 291. | Enumerate key concepts from Drama 291. |
| <i>Understanding</i> | Grasp the role and nuances of digital mixers in theatrical sound. | Explain digital mixer functionalities in sound design. |
| <i>Application</i> | Use digital mixers effectively in theatrical settings. | Demonstrate mixer proficiency in practical scenarios. |
| <i>Analysis</i> | Differentiate and assess various sound reinforcement techniques. | Evaluate sound design choices' impact on theatre. |
| <i>Creating</i> | Develop tailored sound designs for theatrical needs. | Craft soundscapes using digital mixers. |
| <i>Evaluation</i> | Critique sound designs, considering both technical and artistic aspects | Offer feedback on sound designs in theatrical contexts. |

Course Format: Synchronous in person study, with upcoming materials gradually released on eClass.

Textbooks: *Recommended* Sound Systems: Design and Optimization (3rd Edition) by Bob McCarthy

Important Dates:

First Day of Class: September 3rd, 2024

Add/Delete Date: September 16th, 2024

50% Withdrawal Date: October 3rd, 2024

Withdrawal Date: December 3rd, 2024

Last Day of Class: December 5th, 2024

Final Exam Date:

Date of Deferred Final Exam: *Discuss with Instructor*

Lecture Schedule & Assigned Readings:

*Room location subject to change. Please stay up-to-date via communication from Instructors for any changes.

| Week | Class # | Date | Topic | Class Location | Readings |
|------|-----------|----------------------|---|----------------|-----------|
| 1 | 1 | September 3rd, 2024 | Sound Class 1 - Intro / Review / Small System Setup | ██████ | eClass 1 |
| 1 | 2 | September 5th, 2024 | Sound Class 2 - Digital Mixers I (Input/Output Routing, AES50, Stage Boxes) | ██████ | eClass 2 |
| 2 | 3 | September 10th, 2024 | Sound Class 3 - Digital Mixers II (EQ and Dynamics) | ██████ | eClass 3 |
| 2 | 4 | September 12th, 2024 | Sound Class 4 - Digital Mixers III (Busses and FX Sends) | ██████ | eClass 4 |
| 3 | 5 | September 17th, 2024 | Sound Class 5 - Digital Mixers IV (Show Files, DCAs) | ██████ | eClass 5 |
| 3 | 6 | September 19th, 2024 | Sound Class 6 - Digital Mixers V/TheatreMix Intro/Script Mark up. | ██████ | eClass 6 |
| 4 | 7 | September 24th, 2024 | Sound Class 7 - Assignment Setup/Demonstration/Practise | ██████ | eClass 7 |
| 4 | 8 | September 26th, 2024 | Sound Class 8 - Work Period | ██████ | eClass 8 |
| 5 | 9 | October 1st, 2024 | Sound Class 9 Work Period | ██████ | eClass 9 |
| 5 | 10 | October 3rd, 2024 | Sound Class 10 - "Invisible" Mixing Presentations | ██████ | eClass 10 |
| 6 | 11 | October 8th, 2024 | Sound Class 11 - Venue Speaker Plot (into to Meyer MAPP) | ██████ | eClass 11 |
| 6 | 12 | October 10th, 2024 | LX Class 1 - Plots and Paperwork | ██████ | eClass 12 |
| 7 | 13 | October 15th, 2024 | ETC EOS Software and Theatre Hierarchy | ██████ | eClass 13 |
| 7 | 14 | October 17th, 2024 | LX Class 3 - EOS Learning Series 4 & busking | ██████ | eClass 14 |

| | | | | | |
|---------------------|-----------|---------------------|--|------------------|-----------|
| 8 | 15 | October 22nd, 2024 | LX Class 4 - Expert Topics | ██████ | eClass 15 |
| 8 | 16 | October 24th, 2024 | LX Class 5 - Augment 3D or alternative project | ██████ | eClass 16 |
| 9 | 17 | October 29th, 2024 | LX Class 6 - Augment 3D or alternative project | ██████ | eClass 17 |
| 9 | 18 | October 31st, 2024 | LX Class 7 - Augment 3D or alternative project | ██████ | eClass 18 |
| 10 | 19 | November 5th, 2024 | LX Class 8 - Augment 3D or alternative project | ██████ | eClass 19 |
| 10 | 20 | November 7th, 2024 | LX Class 9 - Augment 3D or alternative project | ██████ | eClass 20 |
| Reading Week | | | | | |
| 11 | 21 | November 19th, 2024 | LX Class 10 - Augment 3D Presentations | ██████ | eClass 21 |
| 11 | 22 | November 21st, 2024 | LX Class 11 - Lighting Final Exam | ██████ | eClass 22 |
| 12 | 23 | November 26th, 2024 | Networking/Open Sound Control | ██████ ██████ | eClass 12 |
| 12 | 24 | November 28th, 2024 | OSC Work Period #1 | ██████ | eClass 13 |
| 13 | 25 | December 3rd, 2024 | OSC Work Period #2 | ██████ | eClass 14 |
| 13 | 26 | December 5th, 2024 | OSC Work Period #3/ OSC Presentations | ██████ | eClass 15 |

Components of Course Grade:

| Component | Weighting | Date |
|--|-----------|--|
| Class Participation (Involvement, Prep, Attendance). LX Participation = 10% SND Participation = 10% | 20% | Full Term |
| Sound: Review Quiz | 5% | Class #2 - September 5th, 2024. 9am. |
| Sound Assignment #1: Small System Setup | 5% | Class #2 - September 5th, 2024 (in class participation) |
| Sound Assignment #2: Digital Mixer Setup Part 1: X32 Board File (2.5%) Part 2: "Theatre Mix" File & Script Markup (2.5%) | 5% | Part 1: Class #5 - September 17th, 2024. 9am. Part 2: Class #8 - September 26th, 2024. 9am. |
| Sound Assignment 3: "The Invisible" Mixing Project | 15% | Class #10: October 3rd, 2024. 9am. |
| Sound Assignment #4: Venue Speaker Plot | 5% | October 17th, 2024. 9am. (Note: This Is after the Sound Section) |
| Lighting Project 1: Be a Gorilla | 5% | November 7th, 2024 |
| Lighting Project 2: Augment 3D | 15% | November 19th, 2024 |
| Lighting: Final Exam | 15% | December 21st,, 2024 (open book) |
| OSC Project: Lighting Contribution: 5% Sound Contribution: 5% | 10% | Class #26: December 5th, 2024. (in-class presentations) |

Grading:

Marks for assignments, tests, and exams are given in percentages, to which letter grades are also assigned, according to the table below ("Drama Department Undergraduate Grading Scale"). The percentage mark resulting from the entire term work and examination then produces the final letter grade for the course. Student grades are unofficial until they have been approved by Arts Faculty Council or delegate.

"Drama Undergraduate Grading Scale"

| Letter | % | Pts | Descriptor |
|--------|------|-----|----------------------|
| A+ | +97% | 4.0 | Excellent |
| A | +93% | 4.0 | Exceeds Expectations |
| A- | +90% | 3.7 | Good |
| B+ | +87% | 3.3 | Fair |
| B | +83% | 3.0 | Meets Expectations |
| B- | +80% | 2.7 | Satisfactory |
| C+ | +77% | 2.3 | Needs Improvement |
| C | +73% | 2.0 | Needs Improvement |
| C- | +70% | 1.7 | Below Expectations |
| D+ | +67% | 1.3 | Below Expectations |
| D | +60% | 1.0 | Unsatisfactory (+) |
| F | <59% | 0.0 | Unsatisfactory (-) |

Participation Grading:

| Unsatisfactory to Needs Improvement | Satisfactory | Meets Expectations / Fair / Good | Excellent / Exceeds Expectations |
|---|--|--|---|
| Student is repeatedly late and/or absent. Student does not engage in in-class conversations. Student is disrespectful of peer's space and learning environment. | Student is never late. Student engages in in-class conversations only when prompted by instructor. | Student is never late or absent (unexcused). Student actively engages in in-class conversations. Student is respectful of peer's space and learning environment. Student retains pre-req and new knowledge for quick recall. | Student is never late or absent (unexcused). Student actively engages in and positively contributes to in-class conversations with information obtained through self-guided research. Student is extremely respectful of their peer's space and learning environment. Student positively contributes to peers learning. Student retains pre-req and new knowledge at an exceptional level for quick recall. |
| F to C+ | B- | B to A- | A to A+ |
| 0% to +77% | +80% | +83% to +90% | +93% to +97% |
| 0.0 to 2.3 | 2.7 | 3.0 to 3.7 | 4.0 |

Attendance: Regular attendance is essential for optimal performance in any course. In this course attendance is a must. Participation is a must. As a technician who wants to work in the theatre being on time is a MUST. All absences must be excused by the instructor. Absence for medical reasons is permitted, but must be followed up with a "Request an Excused Absence or Deferral of Term Work" form which can be found at the Faculty Office.

Being late for class will not be tolerated.

1st Late: Verbal warning from instructor.

2nd Late: Written warning from instructor.

3rd Late: Automatic assignment of 0% for student's overall "participation grade".

Policy for Late Assignments:

Late submission of assignments in Drama 292 will result in a 5% penalty (per day).

Missed Tests and Assignments: It is the student's responsibility to submit assignments at specified dates, and partake in tests at defined date/time.

Receiving alternate arrangements for the completion of term work is a privilege and not a right. There is no guarantee that late work will be accepted or that an absence will be excused. Misrepresentation of facts to gain an unfair academic advantage over other students is a serious breach of the [Code of Student Behaviour](#).

Deferred Final Examination: Students must apply to their home Faculty for a deferred examination. The application form for Arts students is in “Forms for Students” on [the Arts Student Services site](#).

Past Evaluative Material:

Student Responsibilities

Academic Integrity: The University of Alberta is committed to the highest standards of academic integrity and honesty. Students are expected to be familiar with these standards regarding academic honesty and to uphold the policies of the University in this respect. Students are particularly urged to familiarize themselves with the provisions of the Code of Student Behaviour (on the [University Governance](#) website) and avoid any behaviour which could potentially result in suspicions of cheating, plagiarism, misrepresentation of facts, and/or participation in an offence. Academic dishonesty is a serious offence and can result in suspension or expulsion from the University.

Instructors are required to report suspected violations of the COSB. See the [Academic Discipline Process](#).

All students should consult [the Academic Integrity website](#). If you have any questions, ask your instructor. Students who want to strengthen their academic skills and learn more on topics such as note-taking, time management, and academic integrity are encouraged to explore [The Academic Success Centre](#).

Recording of Lectures: Audio or video recording, digital or otherwise, of lectures, labs, seminars or any other teaching environment by students is allowed only with the prior written consent of the instructor or as a part of an approved accommodation plan. Student or instructor content, digital or otherwise, created and/or used within the context of the course is to be used solely for personal study, and is not to be used or distributed for any other purpose without prior written consent from the content author(s).

Learning and Working Environment

The Faculty of Arts is committed to ensuring that all students, faculty and staff are able to work and study in an environment that is safe and free from discrimination and harassment. It does not tolerate behaviour that undermines that environment.

If you are experiencing harassment, discrimination, fraud, theft or any other issue and would like confidential advice and information, please contact any of these campus services:

- [Office of Safe Disclosure & Human Rights](#): A safe, neutral and confidential space to disclose concerns about how the University of Alberta policies, procedures or ethical standards are being applied. They provide strategic advice and referral on matters such as discrimination, harassment, duty to accommodate and wrong-doings. Disclosures can be made in person or online using the [Online Reporting Tool](#)

- [University of Alberta Protective Services](#): Peace officers dedicated to ensuring the safety and security of U of A campuses and community. Staff or students can contact UAPS to make a report if they feel unsafe, threatened, or targeted on campus or by another member of the university community. For non-emergency dispatch, call 780-492-5050. For lost and found, call 780-492-2943. **In an emergency, call 911.**
- [Sexual Violence Supports](#): - It is the [policy](#) of the University of Alberta that sexual violence committed by any member of the University community is prohibited and constitutes misconduct. The University takes seriously its responsibility to reduce sexual and gender-based violence through a culture of consent, gender inclusivity, anti-oppression and support, and to respond to misconduct or conditions that allow, facilitate, or give rise to sexual and gender-based violence.

Student Resources

[The University Calendar](#) is one of the principal sources of U of A policy information for students. It includes admission requirements and deadlines, academic regulations, programs of study, academic standards, degree requirements, and University policies for both undergraduate and graduate students.

[The Student Service Centre](#) provides students with information and access to services to support academic, financial, mental, and physical well-being.

[First Peoples' House](#) provides an environment of empowerment for First Nations, Métis, and Inuit learners to achieve personal and academic growth.

[The Academic Success Centre](#) provides professional academic support to help students maximize their academic success and achieve their academic goals. They offer appointments, advising, group workshops, online courses, and specialized programming year-round to students in all university programs, and at all levels of achievement and study.

[Writing Services](#) offers free one-on-one writing support to students, faculty, and staff. Students can request a consultation for a writing project at any stage of development. Instructors can request class visits and presentations.

Under the [Discrimination, Harassment and Duty to Accommodate policy](#), the Office of the Dean of Students coordinates academic accommodations for prospective and current students with documented disabilities affecting mobility, vision, hearing, learning, and physical or mental health. The provision of academic accommodations helps to remove structural barriers that these students encounter in academic environments in order to facilitate equivalent learning opportunities for these students. [Academic Accommodations](#) promotes an accessible, inclusive, and universally-designed environment at the University of Alberta.

[Health and Wellness Support for Students](#) outlines the mental and physical health resources which are offered on-campus and in the community.

[The Office of the Student Ombuds](#) is a confidential service which strives to ensure that university processes related to students operate as fairly as possible. They offer information, advice, and support to students, faculty, and staff as they deal with academic, discipline, interpersonal, and financial issues related to student programs.

[Need Help Now](#) webpage offers contact information for a variety of supports if you are in immediate need of mental health and wellness support. You can also call the 24-hour Distress Line: 780-482-4357 (HELP).

Disclaimer: Any typographical errors in this syllabus are subject to change and will be announced in class and posted on eClass. The date of the final examination is set by the Registrar and takes precedence over the final examination date reported in this syllabus.

Policy about course outlines can be found in [Course Requirements, Evaluation Procedures and Grading](#) in the University Calendar.

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