



TECHNICAL PRODUCTION PRACTICUM

DISCOVERY COLLEGE

About

God's message never changes, but our methods in spreading His word are ever evolving. The Technical Arts Practicum trains students in the skills required to deliver the Gospel in the most compelling way possible.

- Learn to engineer and mix audio with specialized digital audio consoles.
- Learn to design and utilize specialized lighting with event-specific lights.
- Learn to direct live video shoots through effective set design, lighting design, audio engineering, and training in live video playback.
- Learn to design and budget for both small and large scale AVL operations.
- Learn to lead and value team members, celebrating the skills they each bring.

Practicum Courses

1st Semester

Live Broadcast Basics
Basics to Lighting Design
Ministry DNA

Courses Outcome:

- Gain a general understanding of audio, video, and lighting basics, including the tools and principles necessary for a solid foundation in these fields.
- Understand the requirements of producing a successful live event.
- Understand the importance of pre-service communication and how to communicate with other departments effectively.
- Experience relationships and exposure to professional AVL engineers and their practices.
- Exhibit an understanding of basic audio concepts of microphones, polar patterns, direct boxes, cable types, etc.
- Demonstrate effective communication skills in the context of a group setting.

2nd Semester

Portable Audio
Video Engineering and Camera
Directing Lighting
Programming & Playback
Ministry DNA

Courses Outcome:

- Have a basic understanding of audio, video, and lighting needs and the ability to communicate with pastors and worship leaders effectively.
- Have a functional understanding of the basic operations of professional audio consoles, lighting consoles, and broadcast switchers.
- Exhibit an understanding of various lighting fixtures, lighting consoles, and basic effects.
- Learn and apply an effective troubleshooting process using the scientific method and logic to work through potential areas of concern.
- Demonstrate the ability to facilitate AVL for a Discovery conference, Youth Events, and Discovery Track events.
- Demonstrate the ability to build a team and communicate logistics of a worship experience.
- Demonstrate the ability to manage transitions and fundamental service flow elements for a worship experience.

3rd Semester

Audio Tools & Techniques
Advanced Video Engineering &
Live Event Management
Design Process
Ministry DNA

Courses Outcome:

- Have an intermediate understanding of AVL needs and the ability to communicate with campus pastors and worship leaders effectively.
- Demonstrate an ability to perform most basic operations on professional AVL gear, including but not limited to, cameras, audio consoles, switchers, specialty tools, lighting consoles, etc.
- Exhibit an understanding in intermediate AVL concepts such as system integration, building infrastructure, and content distribution.
- Demonstrate the ability to manage a team to configure, rehearse, and execute a full live service.
- Learn and apply an effective troubleshooting process using the scientific method and logic to work through potential areas of concern.
- Demonstrate the ability to build a team and communicate logistics of a worship experience.
- Demonstrate an understanding of campus infrastructure, be able to quickly identify various areas of the signal path and overall systems.
- Demonstrate the ability to manage transitions and fundamental service flow elements at your assigned campus.

4th Semester

Advanced Mixing Techniques
Advanced Video Processing
& Distribution Advanced
Programming & Design
Mentorship with Leader

Courses Outcome:

- Demonstrate the capacity to lead a team through different types of worship services, including conferences and events.
- Have the ability to operate self-sufficiently as an entry-level AVL engineer at a Discovery worship experience.
- Seek and take advantage of opportunities to enhance your knowledge of AVL concepts and operations through the development of relationships with Discovery staff in those areas.
- Demonstrate leadership in the area of developing others and self-replication.
- Assist with classroom instruction and practical application for 1st, 2nd, and 3rd-semester Technical Arts students.