ARTS@FSW

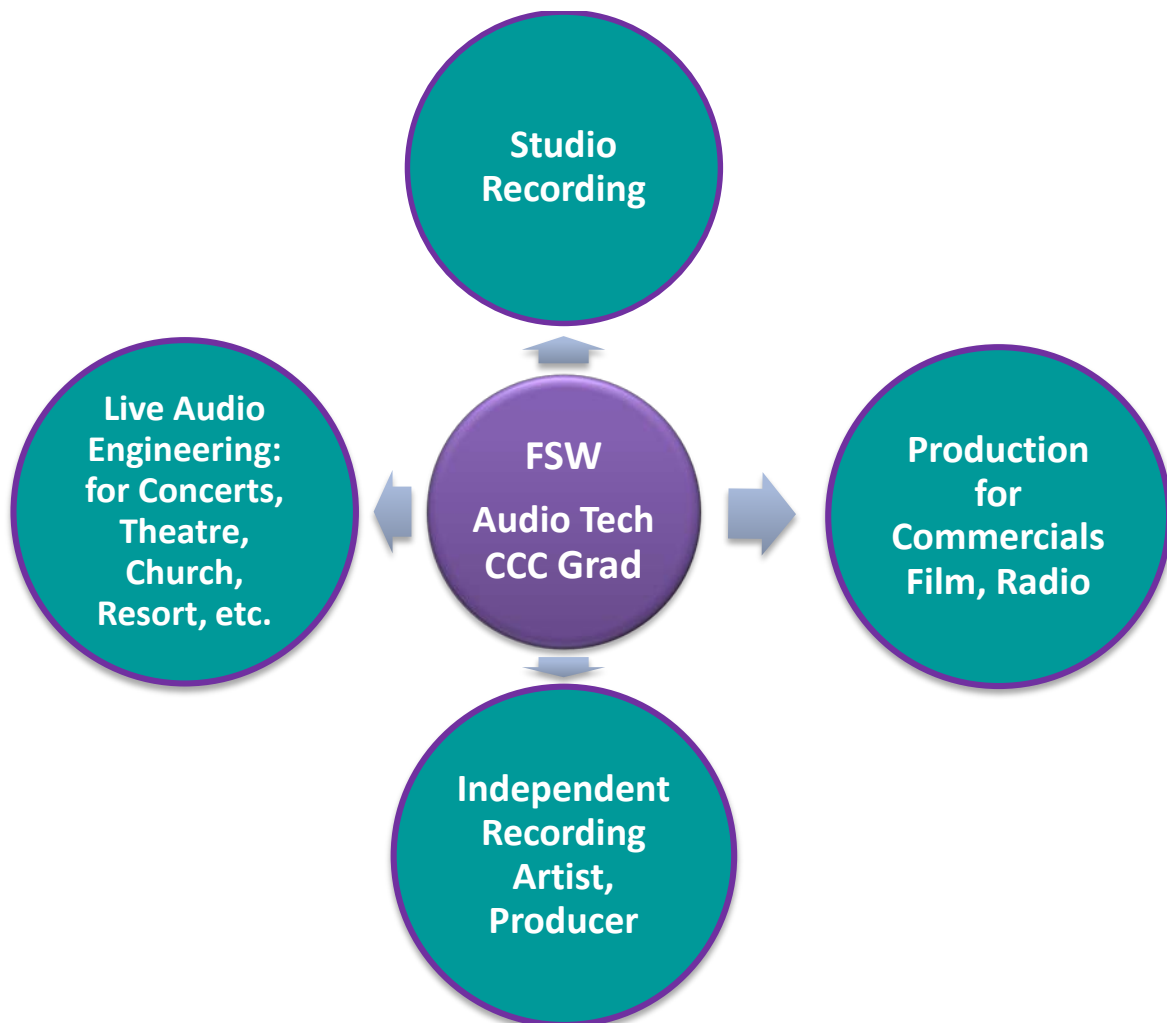## The new studio and lab offers industry-standard, state-of-the-art equipment and software

Audio Technology Certificate

The Audio Technology Certificate program prepares students for employment in the music and entertainment industry as technicians/specialists in music recording; audio hardware and software; and digital audio production, editing, and mastering. Graduates of this program can potentially obtain employment as recording technicians/engineers; sound technicians in live or studio positions; or audio editors/designers in various music-related fields.

Courses Offered	Credits
Choose 15 hours from the following:	
MUS2360 Intro to Technology in Music *(co-req/pre-req for other courses)*	3
MUM2600C Basic Audio Recording I w/lab	3
MUM2601C Basic Audio Recording II w/lab	3
MUM2604C Multi-track Mix-down (Post-Production) with lab	3
DIG2251C Digital Audio I with lab	3
DIG2205C Basic Video Editing with lab	3
DIG2280C Digital Video & Sound with lab	3
DIG2284C Advanced Digital Video & Sound with lab	3
TOTAL HOURS REQUIRED FOR CERTIFICATE	**15**

What will I learn?

Intro to Technology in Music   *MUS 2360*

- What is sound?
- Digital workstations
- MIDI – what is it?
- MIDI recording
- Basic recording
- Effects
- Microphones
- Music notation

Basic Audio Recording   *MUM 2600C*

- ProTools
- Mixing for: Drums
     Bass
     Guitar
     Horns
     Vocals
     Keyboard
- Basic Mix-down

Recording Techniques 2   *MUM2106C*

- Studio Acoustics
- Resolving standing wave and frequency cancellation issues
- Electric and acoustic miking techniques
- Capturing audio direct to hard drive and the digital audio workstation
- Capturing audio direct to hard drive and the digital audio workstation

Lab intensive:
- Conducting track on track recording sessions
- Recording live and studio performances

Basic Video Editing   *DIG 2205C*

- Media Composer
- Basic concepts in editing
- Elements/Grammar of editing
  - Shots
  - Scene
  - Sequence
  - Sequential action
  - Parallel Action

Digital Audio I   *DIG 2251C*

- ProTools
- Production for: Video
     Cues/Markers
     Commercials
     MIDI Recording
     Cartoons (*Mickey Mousing*)
- Film Scoring
- Film Production

Multitrack MIxdown   *MUM2406C*

Lab Intensive:
- Protools advanced mixing techniques
- Advanced dynamic and digital effect processioning
- Combining or replacing drum tracks with sampled kits
- Imaging
- Mix referencing
- Monitoring and tuning your system

Audio mastering: The final step in audio production