LIVE SOUND ENGINEER	
Department: Operations: Media Services	
Reports To: Director of Media Services	
Hours/Week: 12-15 Hours/Week	**FLSA Status**: Non-Exempt
Schedule: Sunday worship and special events	**Job Class:** Specialist
Benefit Eligibility: Not Eligible	**Location**: UPC Main Campus

SUMMARY

The UPC mission is: We are a family of communities joining Jesus to transform our lives and the lives of neighbors at the University of Washington, in our neighborhoods, and all around the world.

This position works all Sunday worship services and special events. Assemble, operate, and maintain the technical equipment used to record, amplify, enhance, mix or reproduce music and sound.

RESPONSIBILITIES

- The Live Sound Engineer will identify the sound requirements for a given task or situation and perform the appropriate actions to produce this sound.
    - Consults with producers and performers to determine the sound requirements.
    - Uses proper lavalier and headset mic placement.
    - Stays on task to follow cues during services and events.
    - Works with the Broadcast Techs to ensure all audio and video signal is captured and of high quality.
    - Manages basic operations of lighting systems and cameras located at FOH, as needed.
    - Selects, positions, adjusts and operates the equipment used for amplification and recording.
    - Must have a well-trained ear able to identify EQ and compression problems to apply the appropriate corrective action during a live performance.
    - Thorough understanding of the signal chain.

- In-depth knowledge of electronics and acoustics.
- Thorough understanding of proper gain structure.
- Applies the technical knowledge of live sound reinforcement equipment to achieve the predetermined artistic objectives.
- Understands speaker system components such as line arrays, point source, fills, delays, and monitoring.
- Utilizes real time analysis and time/energy/frequency measurements to analyze system and room characteristics.
- Routes audio over Ethernet using the Dante protocol.
- Interfaces analog, AES50, and Dante standards.
- Implements digital signal processing via PC/Mac to improve the sound quality of the event.
- Understands basic IP addressing, subnets, and the OSI model as it pertains to audio networking.
- Monitors audio signals to detect sound-quality deviations or malfunctions.
- Anticipates and corrects any problems with urgency.
- Maintains and repairs sound equipment.
- Manages audio volume and sound quality at live events, sets up and takes down equipment and performs sound checks. Records speech, music, and other sounds. Uses analog and digital consoles to mix music, voice and video playback.
- Meets with producers or performers to determine the desired sound for a performance.
- Monitors equipment for needed repairs, sets up and tests recording equipment.
- This role will entail specifying improvements and enhancements in numerous areas:
  - Acoustics of the performance area.
  - Participates in product life cycle planning and development initiatives by specifying requirements.
  - Works with the Director of Media Services to establish design and deployment plans, monitor improvements, and overall enhancements to UPC's sound systems.
- Anticipates and corrects any problems with urgency.
- Communicates effectively with members of the team and other colleagues.
- Other duties as assigned.

QUALIFICATIONS
- Deep and growing faith in Jesus Christ and a theology consistent with the mission of UPC. Has read and understood the Essential Tenants and agreed to support them in the work they do at UPC.

- Cross-cultural competency and awareness.
- Ability to work well with tight schedules and rapid development cycles.
- Demonstrated ability to stay up to date on current technologies and recent developments in relevant technologies; evaluate new technologies and promote the benefits associated with their adoption.
- Self-motivated and constantly looking for ways to improve service and process.
- A self-starter who possesses exceptional time management skills with great attention to detail, and the ability to work independently when managing multiple priorities.
- Demonstrated ability to stay up to date on current technologies and recent developments in relevant technologies; evaluate new technologies and promote the benefits associated with their adoption.
- Be eager to learn technology outside of core job responsibilities.
- Strong communication skills, both verbal and written, as well as collaboration skills with the ability to lead cross-functional efforts.

PHYSICAL REQUIREMENTS

- Physical ability to walk stairs, work on feet or sit for extended time, and lift 20 pounds.
- Specific vision abilities required by this job include close vision, color vision, peripheral vision, depth perception, and ability to adjust focus.