

Assistant Radio Engineer

Job Description

I. SKILLS

- A. Be familiar with the following:
 - 1. FCC rules and regulations (Title 47, Parts 73 and 74)
 - 2. Transmitter equipment
 - 3. Remote control equipment
 - 4. Audio processing equipment
 - 5. Satellite technology
 - 6. Spectrum and network analyzers for antenna and RF filter tuning
 - 7. Backup power systems, generators, and transfer switching equipment
 - 8. Electrical services and wiring including 3-phase 120/208 connections
 - 9. Studio equipment including audio boards, scheduling software, etc.
- B. Have either SBE certification or a valid FCC General Radio Operators License
- C. Have or be willing to obtain industry recognized tower climber certification
- D. Have some computer/networking background

II. RESPONSIBILITIES

- A. Assist with construction of new FM stations/translators
 - 1. Coordinate construction schedule
 - 2. Determine equipment needs
 - 3. Contact equipment manufacturers
 - 4. Assist in site development
 - a. Tower
 - b. Shelter
 - c. Utilities
 - d. Roadway
 - e. Utilities
 - f. Construction
- B. Maintain current equipment
 - 1. Respond immediately when station/translator is off the air
 - 2. Provide schedule maintenance to each tower site
 - 3. Weed & vegetation control/animal infestation

III. GENERAL QUALIFICATIONS

- A. Have an eye for detail
- B. Be forward thinking in how to improve instead of just maintaining.
- C. Be able to lift a minimum of 70 lbs.
- D. Have a courteous spirit and personality in dealing with the general public
- E. Be ministry focused realizing that this position is much more than just a job.