

GENERAL POSITION DESCRIPTION

Position Title: SCTE Broadband Transport Specialist (BTS)

Position Summary

The Broadband Transport Specialist performs fiber network troubleshooting to alleviate system outages, fiber system preventive maintenance and restoration, and basic OTN and headend maintenance.

Position Duties

1. Perform routine troubleshooting and repair of the transportation (fiber) network from the node back to the headend
2. Perform FCC Proof-of-Performance and other associated network documentation
3. Perform tasks related to fiber technologies to include fusion splicing, fiber connectorization, calculating link budgets, and fiber restoration
4. Operate and maintain fiber management equipment

Other

1. During the course of normal day-to-day activities:
 - a. Properly operate and maintain tools and equipment
 - b. Apply knowledge and skills of training on the job in order to prepare for transition to management or engineering
 - c. Mentor other employees on new and existing technologies
 - d. Perform other duties as requested by supervisor in order to achieve departmental goals and objectives

Qualifications:

- Working knowledge of the National Electrical Code (NEC), the National Electrical Safety Code (NESC), the Occupational Safety and Health Act (OSHA), Federal Communications Commission (FCC), Environmental Protection Agency (EPA), American National Standards Institute (ANSI), various applicable state and local codes, and pertinent SCTE standards.
- Knowledge of fiber optic and microwave system theory
- Knowledge of cable system operations

- Knowledge of modern telecom video, voice and data products and services
- Knowledge of HFC network overview to include optical transport systems
- Knowledge of different cables, optical fibers, and cabling techniques
- Knowledge of optical fiber construction
- Knowledge of technical mathematic concepts
- Knowledge of computer hardware, software and the Internet and the ability to troubleshoot and resolve related service failures
- Working knowledge of RF and optical test equipment and analyzers
- Ability to use cable distribution and maintenance tools and hand tools
- Ability to read general system layouts from blueprints
- Ability to comply with safety procedures and requirements
- Ability to prioritize and organize effectively
- X years of focused experience in cable television network operations