

San Diego Community College District

CLASSIFICATION DESCRIPTION

Title: Chief Broadcast Engineer

Unit: Supervisory and Professional

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Job Code: D1202

Original Date: 07/1989

Last Revision: 07/2024

Staff Type: Classified

FLSA status: Non-exempt

Salary Range: 05

DEFINITION

Under the general supervision of a Dean or assigned supervisor or manager, coordinate, plan, organize, supervise, and participate in the operation of a broadcast television production facility and an open-circuit education FM radio station.

EXAMPLE OF DUTIES

1. Plan, organize, and supervise the maintenance and repair of a television facility and an education FM radio station.
2. Apply electronic theory in the diagnosis and repair of complex electronic equipment used in television and radio broadcasting; maintain, adjust, repair, and calibrate all radio and television studio broadcast equipment and control room equipment utilizing a variety of precision electronic test equipment.
3. Serve as Chief Engineer for assigned radio station KSDS-FM; on call during broadcast hours.
4. Supervise, evaluate performance, schedule, and provide technical direction and guidance to broadcast engineers, technicians, radio operations staff, and student workers; make employment and transfer recommendations.
5. Ensure compliance with current Federal Communications Commission (FCC) regulations and district policy.
6. Design, plan, and modify existing and new broadcast systems as necessary.
7. Prepare engineering designs for the installation and maintenance of television and radio systems as necessary.
8. Provide technical direction to programming (student and faculty) personnel and directors in developing production techniques; act as technical advisor to college personnel and students, station manager, program and production manager, and others in broadcast engineering matters.
9. Evaluate changes or advances in the telecommunications field in terms of the implications for the college broadcasting curriculum.
10. Approve purchase of parts, supplies, and equipment.
11. Develop budget; control and coordinate expenditures; maintain records and prepare reports.
12. Perform related duties as assigned.

DESIRABLE QUALIFICATIONS

Knowledge:

Applicable sections of California Education Code.

Electronic theory as applied to the design, construction, and maintenance of complex radio and television broadcast equipment.

English usage, grammar, spelling, punctuation, and vocabulary.

Methods, techniques, and equipment used in maintenance, repair, and operation of broadcast television and radio studio and control room equipment.
Operation and use of computers and basic software applications necessary for area of specialty.
Oral and written communication skills.
Principles and practices of training and supervision.
Principles, practices, theory, methods, and trends in television and radio engineering.
Record-keeping techniques.
Rules and regulations of the Federal Communications Commission.
Technical aspects of field of specialty.

Skills and Abilities:

Analyze situations accurately and take effective action.
Communicate effectively both orally and in writing.
Design new or modified television and radio systems.
Establish and maintain effective working relationships with others.
Maintain, analyze, troubleshoot, and repair radio and television studio and control room equipment.
Operate computer aided design (CAD) equipment in designing and maintaining radio and television studio equipment
Operate computer hardware and software.
Operate precision electronic test equipment.
Plan and organize work.
Plan, organize, and supervise maintenance and repair of television and radio studio and control room equipment.
Train, evaluate, and supervise personnel.
Work independently with little direction.

Training and Experience:

Any combination of training and experience equivalent to: college level coursework in electronic theory or related field and four to five years skilled radio and television engineering experience involving all phases of operation and maintenance, including at least one year of supervisory experience in a radio or television studio setting.

License:

FCC General or First Radio Telephone License or Society Broadcast Engineer's Certification.
Valid California driver's license.

WORKING CONDITIONS

Physical Requirement:

Category III

Environment:

Favorable, radio or television studio setting.