

## BROADCASTING ENGINEER SERIES

<b>Code No.</b>	<b>Class Title</b>	<b>Occ. Area</b>	<b>Work Area</b>	<b>Prob. Period</b>	<b>Eff. Date</b>	<b>Last Action</b>
1316	Broadcasting Engineer	02	211	6 mo.	03/15/22	REVISE/CIT
1319	Chief Broadcasting Engineer	02	211	6 mo.	03/15/22	REVISE

### ***Promotional Line: 070***

#### Series Narrative

Employees in this series are responsible for broadcasting equipment and/or systems. They install, operate, and maintain equipment, provide technical support, and ensure functionality and compliance with regulatory guidelines.

#### DESCRIPTIONS OF LEVELS OF WORK

##### **Level I: Broadcasting Engineer**

**1316**

Employees at this level of the series perform technical tasks such as installing, operating, and maintaining broadcasting equipment. They work under the general supervision of a designated supervisor(s).

A(n) Broadcasting Engineer typically –

1. operates, configures, and/or maintains broadcasting equipment and/or systems; integrates new and existing equipment and/or systems;
2. provides technical support for and/or troubleshooting issues with broadcasting equipment and/or systems;
3. maintains logs and/or records;
4. assists with inventory management such as storing, tracking, and/or maintaining equipment and/or supplies;
5. maintains current knowledge of all relevant policies, procedures, and/or requirements related to broadcasting;
6. assists with personnel functions such as training, supervising, evaluating performance, and/or developing staff, work schedules, and assignments;
7. performs other related duties as assigned.

**Level II: Chief Broadcasting Engineer****1319**

Employees at this level of the series are responsible for the operation and efficiency of broadcast equipment and/or systems. They work under the supervision of a designated administrator(s).

A(n) Chief Broadcasting Engineer typically –

1. directs activities relative to the management of broadcasting systems; ensures the functionality of broadcasting systems;
2. acts as a technical and/or administrative resource;
3. ensures compliance with regulatory guidelines;
4. oversees inventory management such as purchasing and/or allocating equipment and/or supplies;
5. generates, analyzes, and/or prepares reports;
6. directs personnel functions such as training, supervising, evaluating performance, and/or developing staff, work schedules, and assignments;
7. participates in the development and implementation of policies, procedures, and programs; participates in long-range planning related to broadcasting;
8. monitors, researches, and/or distributes information regarding changes in policies, procedures, and/or requirements related to broadcasting;
9. performs duties of the lower level;
10. performs other related duties as assigned.

**MINIMUM ACCEPTABLE QUALIFICATIONS REQUIRED FOR ENTRY INTO:****Level I: Broadcasting Engineer****1316**

CREDENTIALS TO BE VERIFIED BY PLACEMENT OFFICER

1. High school diploma or equivalent.
2. Any one or combination totaling **eighteen months (18 months)** from the categories below:

A. course work in broadcast engineering or a closely related field, as measured by the following conversion table or its proportional equivalent:

- 30 semester hours equals **one (1) year (12 months)**
- Associate's Degree (60 semester hours) equals **eighteen months (18 months)**

B. work experience as a broadcasting engineer or closely related experience.

#### KNOWLEDGE, SKILLS, AND ABILITIES

1. Knowledge of the practical application of engineering science and technology related to broadcasting including applying principles, techniques, procedures, and equipment to design and production.
2. Knowledge of transmission, broadcasting, switching, control, and operation of telecommunications systems.
3. Knowledge of media production, communication, and dissemination techniques and methods including alternative ways to inform and entertain via written, oral, and visual media.
4. Knowledge of computer hardware and software, including applications and programming.
5. Knowledge of business and management principles involved in strategic planning, resource allocation, human resources modeling, leadership technique, production methods, and coordination of people and resources.
6. Ability to interpret work related documents, policies, and procedures.
7. Ability to work collaboratively and communicate effectively as appropriate for the needs of the audience.
8. Ability to identify measures or indicators of system performance and the actions needed to improve or correct performance, relative to the goals of the system.

#### **Level II: Chief Broadcasting Engineer**

**1319**

#### CREDENTIALS TO BE VERIFIED BY PLACEMENT OFFICER

1. High school diploma or equivalent.
2. Any one or combination totaling **three (3) years (36 months)** from the categories below:

A. course work in broadcast engineering or a closely related field, as measured by the following conversion table or its proportional equivalent:

- 30 semester hours equals **one (1) year (12 months)**
- Associate's Degree (60 semester hours) equals **eighteen months (18 months)**
- 90 semester hours equals **two (2) years (24 months)**
- Bachelor's Degree (120 semester hours) equals **three (3) years (36 months)**

B. work experience as a broadcast engineer or closely related experience.

3. **Three (3) years (36 months)** of work experience as a broadcast engineer.

#### KNOWLEDGE, SKILLS, AND ABILITIES

1. Knowledge of the practical application of engineering science and technology related to broadcasting including applying principles, techniques, procedures, and equipment to design and production.
2. Knowledge of transmission, broadcasting, switching, control, and operation of telecommunications systems.
3. Knowledge of media production, communication, and dissemination techniques and methods including alternative ways to inform and entertain via written, oral, and visual media.
4. Knowledge of computer hardware and software, including applications and programming.
5. Knowledge of business and management principles involved in strategic planning, resource allocation, human resources modeling, leadership technique, production methods, and coordination of people and resources.
6. Ability to interpret work related documents, policies, and procedures.
7. Ability to work collaboratively and communicate effectively as appropriate for the needs of the audience.
8. Ability to identify measures or indicators of system performance and the actions needed to improve or correct performance, relative to the goals of the system.