

COMPETENCY MODEL FOR Television Engineer (7615)

The following competencies have been identified as those that best separate superior from satisfactory job performance in the class of **Television Engineer**. (Numbers refers to the order of the competencies in the Competency Bank.)

- 4. Analytical Ability
- 6. Attention to Detail
- 7. Self-Management
- 17. Innovation
- 21. Technology Application
- 30. Fiscal Management
- 33. Interpersonal Skills
- 47. Written Communication

On the following pages are descriptions of each competency, including a definition, the level of the competency required for the class (*italicized*, **bolded**, and underlined), examples of behavioral indicators, and satisfactory and superior performance levels.

4. ANALYTICAL ABILITY – Identifies, obtains, and evaluates relevant information to establish relationships or patterns, cite causes, and reach logical conclusions.

Level of Competency Required by Job:

Level 1: Recognize similarities/differences in current situation to those previously encountered and is guided accordingly. Apply existing policies correctly. Ask pertinent questions or otherwise seek additional information to formulate appropriate response.

Level 2: Consider multiple, varied factors when evaluating a situation or issue. Seek additional information to provide further insight. Reach conclusions that logically follow from the information obtained.

Level 3: Consider a multitude of diverse factors, their interrelationships, the perspectives of others, alternative courses of action and their likely ramifications when evaluating information to reach a conclusion.

Examples of Behavioral Indicators:

- Obtains the necessary amount of relevant information.
- Recognizes the impact of each type of information on conclusions.
- Evaluates the quality/source of information when considering it.
- States the shortcomings of the information and, therefore, the analysis.

Performance Levels:

Satisfactory

Recognizes available relevant information, seeks additional information to consider, and reaches a conclusion. Provides sound, convincing justification for conclusions, citing relevant data and facts.

Superior

Uses a great deal of existing and obtained information and data to develop and evaluate alternatives and arrive at a final conclusion. Provides compelling arguments in support of conclusions.

6. ATTENTION TO DETAIL – Extremely careful in addressing all aspects of each work assignment in order to produce “completed staff work” and/or avoid any negative outcomes.

Level of Competency Required by Job:

Level 1: Ensure all aspects of work assignment are completed as directed.

Level 2: Verify that each aspect of work assignment is properly completed; make logical inference regarding additional activities that may need to be performed to produce “completed staff work.”

Level 3: Include evaluation of final work/work product in its accomplishment; make adjustments as possible to improve.

Examples of Behavioral Indicators:

- Carefully checks all aspects of work for completion and accuracy before submitting.
- Identifies errors (for example, typo’s, computations, measurements, application of laws/rules/policies) and corrects them prior to submitting.
- Cross-checks work against available resources.
- Sets up a means of checks and balances to ensure work accuracy.
- Considers changes in final work product to ensure usability by recipient.
- Completes all revisions upon request.

Performance Levels:

Satisfactory

Ensures that each task accomplished represents “completed staff work.”
No remaining details/ inconsistencies for others to address.

Superior

All aspects of each task completed are verified to be correct. Identifies any foreseeable consequences of work that may need to be addressed and does so.

7. SELF MANAGEMENT – Organizes and plans for task accomplishment; manages time and works diligently to complete assigned work/fulfill responsibilities.

Level of Competency Required by Job:

Level 1: Order tasks for efficient performance; maintain awareness of time allotted and deadlines in order to ensure they are met.

Level 2: Plan and perform work in a way that maximizes efficient performance; establish and adjust priorities to ensure timely completion of most critical assignments.

Level 3: *Allot time to responsibilities proportional to their prominence, priority, and impact.*

Examples of Behavioral Indicators:

- Performs only work activities during work hours.
- Alters means of performing work when original approach proves to waste time.
- Keeps a “to do” list (with indication of priority and deadlines, if necessary).
- Requests assistance as necessary when it becomes clear that work will not be completed on time.
- Demonstrates a record of progress with respect to all assignments/responsibilities.
- Uses optimal means of communication for efficiency and effectiveness.

Performance Levels:

Satisfactory

Conducts self while at work in a manner that ensures work will be completed as scheduled, or provides explanation or secures assistance or adjustment of schedule if it will not be.

Superior

Seeks efficiencies in doing work to maximize productivity. Plans work carefully and follows the plan or makes adjustments if it is disrupted. Maintains personal responsibility for all work accomplishment.

17. INNOVATION – Seeks out and/or develops drastically different work products or ways of doing work in order to improve services and/or increase productivity.

Level of Competency Required by Job:

Level 1: Identify different means of doing work or suggest changes in work product that significantly improve productivity, work product, or service provided.

Level 2: Re-engineer processes and practices to increase efficiency and/or productivity and/or to improve work product or service.

Level 3: Re-conceptualize purpose of function and/or how to achieve it in a way that improves efficiency and effectiveness.

Examples of Behavioral Indicators:

- Notes inefficiencies/unnecessary steps in work processes for elimination.
- Suggests different, more expedient means of doing work.
- Conducts thorough review of work practices to identify possible points of increased efficiency in work flow and/or product/service quality.
- Identifies opportunities to increase breadth or depth of impact.
- Determines/implements novel means of accomplishing work.
- Reconfigures existing resources to improve work flow, work product, or service.

Performance Levels:

Satisfactory

Maintains constant awareness of ways to improve quantity and quality of work. Identifies and is willing to suggest changes no matter how radical a departure from current practice.

Superior

Deliberately seeks out or develops new and improved ways of doing work and/or alteration of/addition to current work product or service to vastly improve organizational performance and the “bottom line.

21. TECHNOLOGY APPLICATION – Correctly applies technology as required on the job; conceptualizes improvements in work through introducing and/or enhancing use of technology.

Level of Competency Required by Job:

Level 1: Expert in the use of technology required for own job. May identify additional applications for currently used technology to enhance own work and/or work of others.

Level 2: Identify additional technology to be applied to improve own work and/or work of others and/or enhanced use of current technology to improve the operations of an entire function or department.

Level 3: Identify new technology application to improve/enhance work of an entire function, department, or organization.

Examples of Behavioral Indicators:

- Demonstrates mastery of technical applications required for current work.
- Suggests additional applications of existing technology that improve productivity.
- Identifies new technology that can be applied to improve existing operations.
- Provides convincing justification for investment in new technology versus anticipated benefits.
- Presents compelling arguments to justify purchase of existing software (with or without modification) versus in-house development.

Performance Levels:

Satisfactory

Knows and correctly applies current technology as required on the job. Extends use of current technology to improve efficiency of accomplishing additional tasks.

Superior

Recognizes opportunities to apply technology to improve work processes in a function, department, or the entire organization. Identifies and justifies specific technology for specific uses.

Technology Application Areas

1. Knowledge of the fundamental principles and practices of video engineering and the design, installation, and use of professional video and audio equipment used by broadcast and cable industries, such as cameras (ENG, studio, robotic, drones, etc.), switchers, mixers, and IP networks sufficient to ensure a broadcast quality signal.
2. Knowledge of test equipment, tools, and materials used in the design, development, upgrading, installation, maintenance, and repair of television video and audio equipment, components, and systems sufficient to maintain proper working functionality.
3. Knowledge of new engineering innovation and current and new television industry technological developments sufficient to make recommendations regarding methods or providing new and improved video and audio equipment and systems.
4. Knowledge of various signal and work flows from video and audio acquisition to distribution of signal and delivery of video files sufficient to meet specific customer or project requirements.

30. FISCAL MANAGEMENT – Develops and justifies budget proposals in a way that garners support; monitors expenditures for compliance; systematically adjusts expenditures when warranted.

Level of Competency Required by Job:

Level 1: Identify equipment and services with demonstrable cost-effectiveness for improving operations and prepare detailed budget requests that provide ample justification for purchase. Ensure money is spent for intended purpose.

Level 2: Identify staffing needs, needs for equipment and services, and other expenditures that are necessary to fulfill the mission of a function or segment of the organization. Provide ample, compelling justification. Ensures that money is spent for intended or highly related purpose.

Level 3: Consider the mission of the entire organization and current priorities in determining which budget proposals to submit. Provide compelling arguments for the proposals submitted that include reference to proposals omitted. Use money for intended purpose unless priorities or other circumstances change.

Examples of Behavioral Indicators:

- Identifies expenditures that will be cost-effective in their contribution to accomplishing work.
- Conducts research to determine the best available option for purchase.
- Tailors justification for budget request to the specific need and current circumstances.
- Uses money for its intended purpose.
- Makes adjustments to expenditures in accordance with price increases, changing priorities, and City policy.

Performance Levels:

Satisfactory

Recognizes the critical role of the budget process in City functioning. Knows the budget cycle and makes timely submissions for all desired expenditures.

Superior

Provides convincing justifications that reflect essential organizational functions, demonstration of cost-effectiveness, and consideration of current political/economic/social climate

33. INTERPERSONAL SKILLS – Interacts effectively and courteously with others.

Level of Competency Required by Job:

Level 1: Interact with members of the workgroup, supervision, and/or the public in a cordial, service-oriented manner.

Level 2: Interact across department lines and with appointed City officials, and/or members of the public, at times under adversarial circumstances, in a cordial, respectful manner.

Level 3: *Interact with appointed and elected City officials, department heads, representatives of external organizations, and/or the media in a cordial, effective manner.*

Examples of Behavioral Indicators:

- Works well with others toward mutual objectives.
- Does not arouse hostility in others.
- “Disagrees without being disagreeable.”
- Elicits acceptance/cooperation from others.
- Affords all individuals respect, regardless of their role or status.
- Effectively addresses concerns of politicians or others who may have their “own agenda.”

Performance Levels:

Satisfactory

Behaves in a courteous, respectful, cooperative manner toward co-workers, other City employees, and members of the public.

Superior

Facilitates positive interpersonal relations within/among workgroups and toward members of the public. Adept at finding similarities and grounds for cooperation/mutual benefit.

47. WRITTEN COMMUNICATION – Communicates effectively in writing.

Level of Competency Required by Job:

Level 1: Write notes/e-mails. Completes forms with some open-ended responses (sentences).

Level 2: Write letters, articles/reports, and/or detailed descriptions of activities/occurrences.

Level 3: Write lengthy reports, instruction manuals, in-depth analyses/reviews of complex issues and/or articles for publication. Reviews the written work of others.

Examples of Behavioral Indicators:

- Writing includes the necessary information to convey the intended message.
- Sufficiently few errors in spelling, punctuation, grammar to not interfere with the intended message or distract the reader.
- Little editing or re-writing needed to produce a final product.
- Composes materials efficiently.
- Information is presented in a well organized manner.
- Tone and degree of formality are appropriate to the purpose and audience.

Performance Levels:

Satisfactory

Writes material that clearly communicates the necessary information; needs little editing.

Superior

Precisely uses words and organizes information in a way that enhances presentation of the message. Virtually no editing needed.