



Telecommunications Specialist V

Salary Group: B26

Class Code: 0286

<u>CLASS TITLE</u>	<u>CLASS CODE</u>	<u>SALARY GROUP</u>	<u>SALARY RANGE</u>
TELECOMMUNICATIONS SPECIALIST I	0282	B18	\$39,521 - \$64,449
TELECOMMUNICATIONS SPECIALIST II	0283	B20	\$45,158 - \$73,788
TELECOMMUNICATIONS SPECIALIST III	0284	B22	\$51,614 - \$84,479
TELECOMMUNICATIONS SPECIALIST IV	0285	B24	\$59,004 - \$96,720
TELECOMMUNICATIONS SPECIALIST V	0286	B26	\$69,415 - \$117,397

GENERAL DESCRIPTION

Performs highly advanced and/or supervisory (senior-level) telecommunications work. Work involves planning, designing, and integrating system components for voice, data, digital, wireless, and video telecommunications networks, and installing, maintaining, or overseeing the installation and maintenance of telecommunications networks. May supervise the work of others. Works under minimal supervision, with extensive latitude for the use of initiative and independent judgment.

DISTINGUISHING CHARACTERISTICS

The Telecommunications Specialist job classification series is intended for employees responsible for the configuration and repair of telecom infrastructure, including video, data, and voice communication systems. Employees typically install and repair voice, data, digital, wireless, and video communications systems to ensure reliable operation. In contrast, the Network Specialist job classification series does not focus only on telecom infrastructure; rather, employees in that series are responsible for planning, design, development, maintenance, and operation of the agency's computer network. This includes designing, configuring, troubleshooting, and maintaining the local and wide area networks including routers, switches, gateways, and applications servers.

EXAMPLES OF WORK PERFORMED

Oversees and/or performs preventive maintenance on assigned telecommunication systems, associated software, and peripheral equipment.

Oversees and/or plans, schedules, and implements a telecommunications system.

Oversees and/or performs the installation and maintenance of telecommunications networks and computer hardware.

Oversees and/or communicates with contractors and telephone companies used throughout the communication network with regard to proper operation, installation, and maintenance of lines, data phone equipment, and associated terminals.

Provides input in the development of operational or administrative policies and procedures related to telecommunications systems.

Evaluates telecommunications system plans for completeness and accuracy.

Researches and determines budgetary requirements for telecommunications system.

Conducts major studies regarding system usage, makes recommendations for improvements, and determines telecommunications system requirements.

May supervise the work of others.

Performs related work as assigned.

GENERAL QUALIFICATION GUIDELINES

EXPERIENCE AND EDUCATION

Experience in electronics and telecommunications work. Graduation from an accredited four-year college or university with major coursework in computer science, management information systems, electronic engineering, or a related field is generally preferred. Education and experience may be substituted for one another.

KNOWLEDGE, SKILLS, AND ABILITIES

Knowledge of data processing and telecommunications principles, equipment, procedures, terminology, standards, and wiring technologies; network operating systems; the Federal Communications Commission's policies and procedures; the principles, practices, and techniques of telecommunications systems design; computer operations systems and procedures; telecommunications software and protocols; and problem-solving techniques.

Skill in the use of telecommunications test equipment, computers and applicable software, and microcomputer or mainframe applications.

Ability to plan, analyze, and implement telecommunications systems; to provide technical assistance in telecommunications systems; to review telecommunications system plans for completeness and accuracy; to communicate effectively; and to supervise the work of others.