



Systems Analyst VII

Salary Group: B28

Class Code: 0258

<u>CLASS TITLE</u>	<u>CLASS CODE</u>	<u>SALARY GROUP</u>	<u>SALARY RANGE</u>
SYSTEMS ANALYST I	0252	B16	\$34,918 - \$55,130
SYSTEMS ANALYST II	0253	B18	\$39,521 - \$64,449
SYSTEMS ANALYST III	0254	B20	\$45,158 - \$73,788
SYSTEMS ANALYST IV	0255	B22	\$51,614 - \$84,479
SYSTEMS ANALYST V	0256	B24	\$59,004 - \$96,720
SYSTEMS ANALYST VI	0257	B26	\$69,415 - \$117,397
SYSTEMS ANALYST VII	0258	B28	\$83,991 - \$142,052

GENERAL DESCRIPTION

Performs highly advanced and/or supervisory (senior-level) computer systems analysis work. Work involves directing the planning, budgeting, and analysis of system requirements, procedures, and problems to automate processing or to improve existing systems, and designing and implementing designs using software-programming languages. May supervise the work of others. Works under minimal supervision, with extensive latitude for the use of initiative and independent judgment.

DISTINGUISHING CHARACTERISTICS

The Systems Analyst job classification series is intended for employees that help agencies use computer technology effectively and efficiently by devising new ways to improve functionality of existing systems or networks and implementing new systems. Employees typically develop, implement, and test solutions to complex applications problems, perform systems management and integration, improve existing systems, and review system capabilities, workflow, and schedule limitations. In contrast, the Systems Support Specialist job classification series does not improve existing systems and/or implement the proposed designs; rather, employees in that series provide technical assistance and support related to computer systems, hardware, and software in a help desk setting.

EXAMPLES OF WORK PERFORMED

Directs and/or participates in the planning, design, development, implementation, support, and maintenance of information technology security measures to safeguard departmental information.

Oversees and/or participates in the development and execution of enterprise-level strategies and technical direction, including establishing processes and procedures for executing and maintaining technology road maps.

Oversees studies and the preparation of reports that include study findings, recommendations, and instructions for proposed system implementations; formulates logical descriptions of problems; and devises and implements optimum solutions.

Oversees projects that cross functional agency systems and other state entities that require coordinating, planning, and scheduling during project development and implementation stages.

Oversees and/or plans and schedules studies and system implementations.

Oversees and/or identifies system requirements, develops functional design specifications to meet requirements, and solutions to complex operational problems.

Oversees and/or conducts the training of staff prior to the implementation of technical and/or computer systems and offers advice and guidance during the implementation process.

Oversees and/or conducts tests and diagnoses systems to ensure critical requirements are met.

Develops agency computer operations and management information system plans and budgets.

Assists with developing and implementing strategic planning actions related to the agency's systems.

May supervise the work of others.

Performs related work as assigned.

GENERAL QUALIFICATION GUIDELINES

EXPERIENCE AND EDUCATION

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

KNOWLEDGE, SKILLS, AND ABILITIES

Knowledge of the limitations and capabilities of computer systems, the techniques used in the design of non-automated systems, information technology equipment, applicable programming languages, computer hardware and software, computer operating systems, writing program code, and automated mapping.

Skill in coordinating and solving problems; developing or revising program code; scheduling, testing, installing, and implementing programs; and troubleshooting computer systems.

Ability to analyze systems and procedures, to write and revise standards and procedures, to handle multiple projects, to communicate effectively, and to supervise the work of others.