



Systems Analyst IV

Salary Group: B22

Class Code: 0255

<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 complex (senior-level) computer systems analysis work. Work involves planning and analyzing system requirements, procedures, and problems to automate processing or to improve existing systems, and designing and implementing designs using software-programming languages. May serve as a lead worker providing direction to others. Works under limited supervision, with considerable 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

Coordinates with users to identify system requirements, develop functional design specifications to meet requirements, and solve complex operational problems.

Coordinates and/or conducts studies and prepares reports that include study findings, recommendations, and instructions for proposed system implementations; formulates logical descriptions of problems; and devises optimum solutions.

Coordinates, plans, and schedules the installation or training for new or revised systems and defines business process requirements.

Analyzes new or existing procedures, information systems, or utility programs for efficiency and effectiveness.

Tests and diagnoses systems to ensure critical requirements are met.

Designs, modifies, and implements new or revised systems to serve new purposes or improve workflow.

Prepares and defines the goals of the system and devises flow charts and diagrams describing logical operational steps of programs.

May write and update computer and mainframe application programs.

May provide technical support as a high-level resource available for problem resolution or new feature creation.

May serve as a lead worker providing direction to 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; scheduling, testing, installing, and implementing programs; and in troubleshooting computer systems.

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