



# Systems Analyst III

Salary Group: B20

Class Code: 0254

<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
<b>SYSTEMS ANALYST III</b>	<b>0254</b>	<b>B20</b>	<b>\$45,158 - \$73,788</b>
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 complex (journey-level) computer systems analysis work. Work involves analyzing and identifying system requirements, procedures, and problems to automate processing or to improve existing systems, and implementing designs using software-programming languages. May provide guidance to others. Works under general supervision, with moderate 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

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

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.

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

Reviews and analyzes computer printouts, reports, and performance indicators to locate code problems; and corrects errors by modifying or correcting code.

Analyzes user needs, defines the system's scope, documents requirements, and translates the user needs and requirements into functional specifications for the design of business systems.

Assists with defining the goals of the system, devises flow charts, and diagrams logical operational steps of the 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 provide guidance 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 solving problems; 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 provide guidance to others.