



# Programmer II

Salary Group: B21

Class Code: 0242

<u>CLASS TITLE</u>	<u>CLASS CODE</u>	<u>SALARY GROUP</u>	<u>SALARY RANGE</u>
PROGRAMMER I	0241	B19	\$42,244 - \$68,960
<b>PROGRAMMER II</b>	<b>0242</b>	<b>B21</b>	<b>\$48,278 - \$78,953</b>
PROGRAMMER III	0243	B23	\$55,184 - \$90,393
PROGRAMMER IV	0244	B25	\$63,104 - \$103,491
PROGRAMMER V	0245	B27	\$76,356 - \$129,137
PROGRAMMER VI	0246	B28	\$83,991 - \$142,052

## GENERAL DESCRIPTION

Performs complex (journey-level) computer programming work. Work involves analyzing system specifications to develop software for computer applications; developing solution software; documenting the methods and procedures used in software development; and testing, correcting, and revising software. May provide guidance to others. Works under general supervision, with moderate latitude for the use of initiative and independent judgment.

## EXAMPLES OF WORK PERFORMED

Analyzes users' needs; designs, tests, and develops software to meet those needs.

Analyzes proposed applications for equipment requirements and capabilities.

Analyzes, reviews, and revises software to increase operating efficiency or to adapt to new procedures.

Writes routine to complex software code and debugs software.

Prepares detailed analyses, plans, diagrams, and verification procedures for existing and proposed applications.

Prepares and executes software test plans.

Performs the research and the analysis required for project proposals, software and systems modifications, and new projects.

Develops or assists in developing diagrams and flowcharts to represent operations and data flow for applications.

Assists in developing equipment requirements and capabilities for proposed applications.

May assist in the generation or installation of computer software.

May provide guidance to others.

Performs related work as assigned.

## **GENERAL QUALIFICATION GUIDELINES**

### **EXPERIENCE AND EDUCATION**

Experience in computer programming work. Graduation from an accredited four-year college or university with major coursework in data processing, computer science, business administration, or a related field is generally preferred. Experience and education may be substituted for one another.

### **KNOWLEDGE, SKILLS, AND ABILITIES**

Knowledge of the principles, practices, and techniques of computer programming and systems analysis; of computer operations procedures and systems; and of computer programming languages.

Skill in problem solving, in critical thinking, in computer programming, in the use of hardware and software, and in modifying or developing software for applications.

Ability to process information logically; to design programs and systems logic; to prepare program specifications; to code, test, and debug software; to interpret technical information related to programming and other areas of data processing; to communicate effectively; and to provide guidance to others.