



Programmer IV

Salary Group: B25

Class Code: 0244

<u>CLASS TITLE</u>	<u>CLASS CODE</u>	<u>SALARY GROUP</u>	<u>SALARY RANGE</u>
PROGRAMMER I	0241	B19	\$42,244 - \$68,960
PROGRAMMER II	0242	B21	\$48,278 - \$78,953
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 advanced (senior-level) computer programming work. Work involves overseeing programming projects; analyzing proposed applications; and designing software solutions. May supervise the work of others. Works under minimal supervision, with considerable latitude for the use of initiative and independent judgment.

EXAMPLES OF WORK PERFORMED

Oversees and/or performs work on programming projects including those that are highly complex in nature and/or large in scale.

Oversees and/or writes test plans and test data.

Oversees and/or develops diagrams and flowcharts used to represent operations and data flow for applications.

Coordinates and/or performs highly complex coding, testing, and debugging applications as outlined by a system's requirements.

Coordinates and/or analyzes proposed applications in terms of equipment requirements and capabilities.

Coordinates and/or analyzes, reviews, and revises software to increase operating efficiency or to adapt new procedures.

Coordinates and/or performs the research and the analysis required for project proposals, software and systems modifications, and new projects.

Develops instructions or manuals for end users.

Provides technical advice and assistance in matters related to programming activities.

May supervise the work of 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 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 supervise the work of others.