PROGRAMMER ANALYST 2

CLASS SUMMARY:
The Programmer Analyst 2 performs intermediate systems analysis and computer programming for the design, development, implementation and maintenance of application software systems to meet the goals and objectives of the customer served; and performs related duties as assigned.

CLASS CHARACTERISTICS:
This is the full journey level class within the Programmer Analyst series. This class is distinguished from the Programmer Analyst 1 by the higher level of knowledge, experience, and responsibility required within this series. Employees at this level receive instruction or assistance as new or unusual situations arise and they are fully aware of the operating procedures and policies within the work unit.

SUPERVISION RECEIVED AND EXERCISED:
Receives supervision from the assigned management personnel. Receives functional and technical supervision from assigned professional personnel.

TYPICAL CLASS ESSENTIAL DUTIES: (These duties are a representative sample; position assignments may vary.)

1.	Provides internal and external customer service.
2.	Writes, tests, and documents computer programs.
3.	Participates in comprehensive application design.
4.	Plans, organizes and produces technical documentation and procedures.
5.	Develops and provides requested reports to management.
6.	Researches products and services for technology purchases.
7.	Confers with departmental or agency representatives to determine business requirements.
8.	Assists with tasks to establish application functional specifications.
9.	Evaluates, customizes, installs, and documents system components.
10.	Evaluates vendor hardware and application software for feasibility and cost benefit.

11.	Provides operational and technical support.
12.	Mentors staff at lower levels of the series
13.	Performs routine database administration and reporting functions.
14.	Implements and maintains application systems.
15.	Participates in the development of Request-For-Proposal (RFP's).
16.	Provides training to technical staff and users.

Knowledge of (position requirements at entry):
- Customer service practices.
- Standard programming techniques.
- General computer operations, procedures, and operating systems.
- File structures, database concepts and capabilities of computer equipment.
- Computer hardware and software technologies.
- Basic troubleshooting procedures.
- Technical documentation procedures.
- Data management techniques and concepts.
- User interface design.
- Systems analysis, design principles, common methodologies, and tools.
- More advanced troubleshooting procedures.
- Application development environments.
- Security concepts and techniques.
- Personal computers, personal computer concepts, and the operation of personal computers.

Ability to (position requirements at entry):
- Establish and maintain effective working relationships.
- Effectively contribute to projects as a member of a team.
- Perform a variety of programming tasks.
- Program in one or more computer languages.
- Convey technical information simply and clearly, both verbally and in writing.
- Troubleshoot and resolve application problems.
- Improve technical skills.
- Participate in systems analysis.
- Develop application, functional, and design specifications.
- Analyze business processes.
- Design, develop, implement and maintain applications systems.
- Apply technical writing methodologies and tools to develop and maintain procedures and technical documents.
- Evaluate, recommend and implement vendor developed software.
- Work with database management systems for application development and maintenance.

Training and Experience (positions in this class typically require):
Equivalent to a Bachelor's degree from an accredited college or university with major coursework in computer science or a related field. Two years of programming experience that demonstrates an increasing level of software systems expertise. An equivalent combination of experience and training that will demonstrate the required knowledge and abilities is qualifying. An example would be 6 years of programming experience that demonstrates an increasing level of software systems expertise.

Licensing Requirements (positions in this class may require):
- If required to drive, must be in possession of a valid driver's license at time of application, and a valid Oregon Driver's license by the time of appointment.
- As a condition of employment, these positions require a criminal background investigation and a security clearance as required by State or Federal regulatory requirements.

NOTE:
This position is represented by AFSCME Local 2831.
Classification History:
FLSA Status: Exempt