WEB APPLICATION DEVELOPER

Class Code	OT Status	EEO Category	Represented Status	Salary Grade	Effective Date	Status	Pages
	Non-Exempt	Technical/Paraprofessional	PEU Local 1	60	**07/01/2017**	Classified	1 of 2

DEFINITION

To install and maintain custom and commercial programs, web services, and databases to meet the changing needs of the user community.

SUPERVISION RECEIVED AND EXERCISED

- Receives supervision from a departmental supervisor or manager.
- May receive technical or functional supervision from higher-level departmental personnel.
- May provide training and direction to student assistants or other assigned staff.

EXAMPLES OF DUTIES

Duties may include, but are not limited to, the following:

- Performs installation and maintains applications and databases according to requirements using current development tools.
- Designs and develops basic programs and scripts.
- Queries and exports data from District information system and imports into local applications.
- Runs custom reports from databases as requested.
- Creates and executes tests for new and updated applications to ensure compatibility and functionality.
- Creates user accounts for applications.
- Maintains and updates websites and back-end databases.
- Ensures applications and data are updated and secure.
- Troubleshoots and serves as a technical resource to users and colleagues.
- Provides user support and training.
- Routinely produces and maintains application and database documentation.
- Works with other teams throughout the department and interacts with the user community to determine the feasibility, requirements, and technical design of assigned projects.
- Performs related duties as assigned.

MINIMUM QUALIFICATIONS

Knowledge of:

- Current web standards and technology, including HTML, CSS, software development tools, programming/scripting languages, program logic, Web Server software and NET framework.
- Industry standard developer tools for building network applications (TCP/IP).
- Relational database concepts and Structured Query Language (SQL).
- Web servers and applications.
- Software design, lifecycle and quality assurance principles.
- Systems analysis.
- Web server applications and operating systems.
- Standard business English, grammar and spelling.

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Skill/Ability to:

- Apply standard practices of programming, data/web management and database design with current technologies.
- Assimilate and organize electronic data in a logical, consistent manner.
- Communicate in a clear, concise manner to a variety of audiences in a variety of venues.
- Work in a team environment and handle problems in a tactful, purposeful manner.
- Apply effective problem solving strategies.
- Plan and attend to details and meet deadlines.
- Stay current with emerging trends and technologies.
- Establish and maintain cooperative work relationships with those contacted in the performance of required duties.
- Demonstrate understanding of, sensitivity to, and respect for the diverse academic, socio-economic, race, ethnicity, gender identity, sexual orientation, age, mental or physical disability, and religious background of all students, faculty and staff, and with all individuals encountered in the performance of required duties.

EXPERIENCE AND TRAINING

- Two (2) years of programming or application development experience.

EDUCATION/LICENSE OR CERTIFICATE

- Possession of an Associate degree from an accredited college with major course work in computer science, business or a related field, or the equivalent.

Adopted: 07/01/17