ANTELOPE VALLEY COMMUNITY COLLEGE DISTRICT

WEB DEVELOPER   **Salary Range 26**

BASIC FUNCTION: Under the direction of the Enterprise Applications and Development Manager or designee, this position is responsible for implementing, maintaining, designing, developing, programming, testing and supporting the District's web sites including social media applications and applications developed in-house and/or by a third party; responsible for integrating various systems with web applications and perform other related work as assigned.

REPRESENTATIVE DUTIES:

- Design; develop, analyze, modify, support and debug web-based applications written in a variety of programming languages.
- Integrate various systems with existing business applications including, but not limited to student information, payment systems, learning management, content management and identity and access management systems.
- Coordinate, produce and publish content for the web and social media sites. Maintain presence and integration on social media sites and ensure content is current.
- Use various relational database management systems to design databases, produce applications and facilitate the integration of disparate systems.
- Research accessibility issues and ensure compliance with the Americans with Disabilities Act (ADA), Section 508 compliance and related regulations.
- Contribute toward the development of Internet and web related policies and procedures.
- Participate on committees as an expert in the appropriate use of Internet-based technology and web sites in accordance with district wide policy and standards as well as industry best practices.
- Analyze web usage (Google Analytics) and generate reports as required.
- Analyze recommend new or modified web applications.
- Participate in the planning and support of hardware, software and network operations as it relates to supported applications.
- Interact with District personnel as required to provide documentation and assistance to program and systemµ users.
- Interact with users to help identify areas of improvement for assigned systems.
- Act as the top tier technical support for assigned applications including interaction with third party vendor support on complex issues.
- Contribute to the continuous improvement of the District's content management system.
- Perform other duties as assigned

EDUCATION AND EXPERTENCE: Bachelor's degree in computer science, management information systems or related field and two (2) years' experience with web programming/development. Work experience can be substituted year for year with education.

KNOWLEDGE AND ABILITIES:

- Advanced knowledge of HTML, CSS and JavaScript
- Programming languages intended for web development such as Java, Java Script and relevant libraries, XML, Ruby, Grails, Adobe Flash, etc.
- Principles and techniques of web programming, analysis and social media integration
- JavaScript frameworks such as JQuery.
- Managing and using a Content Management System, Open Source or COS
- Structured Query Language (SQL) & MySQL Administration
- Working knowledge of Windows Server and Unix/Linux operating systems
- Page layout, templates and design of web pages
- Web project management, structured design techniques, information architecture and usability as it relates to the web
- ADA law, regulations and compliance requirements
- Develop, implement and manage the college web site and social media presence
- Operate various software programs in the development and maintenance of the web site
- Prepare and maintain records and files
- Work independently with little direction
- Prioritize and schedule work
- Establish and maintain cooperative and effective working relationships with others
- Communicate effectively both orally and in writing

WORK DIRECTION, LEAD AND SUPERVISORY RESPONSIBILITIES: Not applicable –no permanent full-time staff to supervise.

CONTACTS: Students, vendors, faculty, administrators, staff, public and colleagues from other educational institutions.

PHYSICAL EFFORT: Requires the ability to exert some physical effort, such as walking, standing and light lifting; minimal dexterity in the use of fingers, limbs and body in the operation of office equipment. Tasks require extended periods of time at a keyboard.