January 1999

VENTURA COUNTY COMMUNITY COLLEGE DISTRICT

CLASS TITLE: WEB DEVELOPER

BASIC FUNCTION:

Under general direction, design, develop and implement college web-based applications; perform web applications analysis and programming; design, write, test, install, maintain and enhance systems to assure proper web operation; interact with appropriate District staff and College faculty and staff to determine Internet and Intranet content requirements, needs and desired output; work effectively with District Information Technology user services and technical services staff to assure user information needs are met; perform related work as required.

REPRESENTATIVE DUTIES:

Design and develop web-based applications and systems for College Internet and Intranet use. ***E***

Design backup and restoration processes for web servers. ***E***

Integrate various web communications components (chat, bulletin board, white board, video, conference, etc.). ***E***

Work with IT and college management, faculty and staff to enhance the college's presence on the World Wide Web. ***E***

Test, maintain and manage all college web links and work with other appropriate web sites to add appropriate links to the site; generate usage reports on a regular basis. ***E***

Design and implement hardware and software upgrades for web-based applications. ***E***

In conjunction with District IT, determine operating systems and database structures to be used for the college's web-based applications. ***E***

Provide technical assistance for setting up instructional, student services, and administrative Internets and Intranets. ***E***

Develop web standards and procedures in line with those established by the District. ***E***

Assess workload implications and feasibility of new web-based system requirements. ***E***

Evaluate the products of outside vendors to assess the use of third-party software with the college's web-based information systems. ***E***

Coordinate with IT training staff, the Faculty Resource Center (FRC) and Staff Resource Center (SRC) for training in web technologies. ***E***

Complete assigned projects in a professional and timely manner, according to District standards and methodology; report on project status and progress as required. ***E***

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Prepare documentation of computer systems and programs. ***E***

Communicate with users and other information systems staff to develop a thorough and rigorous testing of software and database performance before new applications are released into production. ***E***

Perform other related duties as assigned.

KNOWLEDGE AND ABILITIES:

KNOWLEDGE OF:
Principles, practices and techniques of web-based computer system analysis, design and applications programming
Computer hardware systems, operating systems, software applications and programming languages utilized to implement web-based applications
Architecture and infrastructure requirements needed to support web-based applications
District organization, operations, policies and objectives

ABILITY TO:
Design, develop, test, install, maintain and enhance web-based systems to support college operations
Perform a variety of difficult and complex Web applications programming duties
Interact effectively with District IT, college faculty and staff to determine requirements, needs and desired outcome
Establish and maintain cooperative and effective working relationships with others
Analyze situations accurately and adopt an effective course of action
Meet project schedules and timelines

EDUCATION AND EXPERIENCE:

Any combination equivalent to two years of college in Computer Information Science or closely related field and one year increasingly responsible systems analysis, design and application programming experience in web-based applications.

WORKING CONDITIONS:

ENVIRONMENT:
Office environment

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