

Category 6: Web Content and Development Services

The University may require IT staffing in the following web content and development services which includes but not limited to, web-based interface development; web content management services; developing and organizing online content using technologies such as Microsoft.Net, Open Source, HTML5, Javascript, CSS, and JQuery; and/or SharePoint development and support.

Following is a list of the position titles and descriptions applicable to this category:

Business Analyst: Perform business requirements analysis, workflow analysis, and work with users to write functional specifications. Critically evaluate information gathered from multiple sources, reconcile conflicts, decompose high-level information into specific details, abstract up from low-level information to general understanding, and distinguish between user requests from true business needs. Act as the liaison between the user and the technical team and provide support throughout the development life cycle. Deliver such artifacts as functional requirements, business requirements, use cases, GUI, screen and interface design. 'Requires a Bachelor's degree, analytical skills, ability to translate users' expressed needs into application and operational requirements.

Functional Architect: Maintain focus on the high level/conceptual vision of the product and its function and features throughout the development process to ensure the technology design ties to business requirements and creates a useful system. Requires Bachelor's degree and 5 years of professional IT experience, including experience with process improvement methodologies and project management.

Instructional Designer: Design, develop, and deliver innovative and engaging training content using learning theory, instructional design, and development tools and methodologies. Requires a Bachelor's degree in Education or a field related to instructional design; experience delivering e-learning, instructor-led training, and blended learning solutions; and familiarity with e-learning development tools.

Integration Specialists: Analyze, design, and document solutions which meet client requirements and which work within the established system architecture and meet technical standards. Work with project teams to analyze and review technical specifications, document integration components, and design complex multi-system integrations which provide complete business solutions. Requires a Bachelor's degree; technical analysis experience; and in-depth knowledge of business processes and implementation methodologies.

Programmer: Develop and support complex batch and web applications, mobile applications, interfaces, and reports in a multi-tier distributed environment. Perform technical analysis, design, development, testing and support of software applications. Requires a Bachelor's degree in Computer Science, MIS, Engineering, or related field and at three years of software development experience.

Project Coordinator: Develop work plans, schedules, project estimates, resource plans, and maintain and communicate status reports for high profile enterprise IT projects. Provide business analysis support and subject matter and project management expertise. Requires a Bachelor's degree in MIS, IT, or similar discipline; Project Management Professional (PMP) certification; expert-level experience with MS Project, MS Office, and CA Clarity PPM; and five years of professional project management experience.

Project Manager: Provide direction for the technology development components of IT projects for the full project lifecycle. Provide resource projections, budget management, formulate project delivery strategies, establish milestones/schedules, report on project status, and monitor progress of all team members. Requires a Bachelor's degree, preferably in a technology-related discipline, and three years of project life-cycle methodology and technology project management experience.

Quality Assurance Specialist: Design, implement, and execute tests and compile reports to ensure applications meet end-user requirements, operate properly, and are free from defects. Document defects/system problems, provide summary reports to the project team, and document quality assurance procedures for analysis, test case design, testing, and tracking issues. Requires a Bachelor's degree and two years of testing experience.

SharePoint Developer: Create a unified, supportable, and extensible SharePoint content framework. Establish mission and functions of SharePoint content governing bodies. Oversee development activities and creation of technical documentation. Serve as the SharePoint content framework architect. Manage day-to-day technical challenges and communicate risks or issues associated with development activities. Requires a Bachelor's degree; expertise in SharePoint development, design, and administration; and experience leading development of SharePoint content and its advanced features (e.g., customer workflows, InfoPath/Forms Services).

Technical Architect: Design and build custom elements of solutions and work with a team to deliver the complete solution to the customer. Provide technical direction and guidance, thought leadership, development oversight, and support successful project delivery. Requires a Bachelor's degree in Computer Science or a related technical field (Master's preferred); understanding of inter-relationships and impacts of systems and applications upon the enterprise-wide technical environments; experience architecting high traffic, high scalability, and high availability applications.

Web Application Developer: Create and maintain applications for the web using software languages and tools. Translate requirements into viable code, testing, debugging and preparing documentation following established standards and applicable regulations. Requires a Bachelor's degree in Computer Science or a related field, proficiency with at least one programming language, and knowledge of web user interfaces.