

UNIVERSITY OF ARIZONA
DEPARTMENT OF HUMAN RESOURCES
CLASSIFIED STAFF EMPLOYEE JOB DESCRIPTIONS

JOB CODE: 73012

TITLE: Applications Systems Analyst/Developer, Senior

IT PAY BAND: B11

FLSA: Exempt

Purpose of Classification:

Conducts user needs analysis and plans, designs, analyzes, implements and maintains applications systems solutions.

Distinguishing Characteristics:

This is the third in a series of four classifications. It is distinguished from the Application Systems Analyst/Developer which participates in designing analyzing, implementing and maintaining applications systems. It is distinguished from the Application Systems Analyst/Developer, Principal which manages large/complex applications projects, acts as a functional team coordinator and/or acts as a functional supervisor.

Example of Duties:

- Consults with users regarding applications programming requests, applications training, user support and troubleshooting. Analyzes user applications programming requests related to overall program goals and system functionality and recommends solutions.
- Writes and maintains software code, queries and reports and programs applications using current tools and languages.
- Develops functional and technical documentation and test plans.
- Conducts document and applications tests, evaluates results in accordance with quality assurance standards and writes test reports.
- Designs, develops, maintains and administers database applications.
- Researches, evaluates, recommends and uses emerging and/or relevant methodologies, languages and technologies.
- Implements and maintains compliance with current security and service protocols and standards.
- May manage projects of limited scope or portions of large/complex projects. May provide guidance to other analysts/programmers on a project basis.

Knowledge, Skills and Abilities:

- Knowledge of applications programming theory, principles and practices.
- Knowledge of current and emerging applications programming and scripting languages and technology.
- Knowledge of current applications development security practices and technology.
- Skill in using programming and scripting languages and technology.

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- Skill in analyzing and responding to user requests.
- Skill in writing technical and functional documentation.
- Skill in developing and implementing test plans for applications.
- Skill in planning and guiding the work of others.
- Ability to communicate effectively verbally and in writing.

Minimum Qualifications:

- Five years of experience in programming applications systems using relevant technologies and programming languages; OR,
- Associate's degree in Computer Science or related field AND four years of experience in programming applications systems using relevant technologies and programming languages; OR,
- Any equivalent combination of experience, training and/or education.

This description is intended to be generic in nature. It is not intended to determine specific duties and responsibilities of any particular position. Essential functions and overtime eligibility may vary based on the specific tasks assigned to the position.

Prepared: 05/01/09