



**Family: Information Technology**

**Level: PPR06**

**Position Profile Title: Specialist 2-Architect**

Salary Grade	Minimum	Midpoint	Maximum
8	\$86,688	\$119,232	\$151,764

**PROFILE SUMMARY:**

Positions in this job profile act as a system architect for university wide Network Services. They provide direction, consultation, design and implementation for systems across campus. Positions share a community of interest with academic faculty, and include academic research, public service, or instruction.

**DISTINGUISHING CHARACTERISTICS:**

The distinguishing characteristics of the Specialist 2-Architect profile is the specialized expertise required to design, build, test and implement IT systems. The Specialist 2-Architect is distinguished from the Administrator 3-IT Architect by being an individual contributor requiring specialized education and experience. The Administrator 3-IT Architect profile is engaging in more administrative oversight including supervision of professional faculty, budget, and strategic development.

**PRIMARY POSITION RESPONSIBILITIES:**

1. Assesses campus needs, evaluates new technologies, and designs systems to meet those needs by customizing and integrating public domain software as well as commercially written software packages.
2. Designs systems to work together and integrate with other University large-scale systems.
3. Analyzes system performance by designing and developing monitoring tools, which track server resource utilization, analyze network traffic, organize and systematically parse log information.
4. Uses information collected by monitoring tools and industry research to develop formal growth plans, system redesigns, and cost benefit analysis of current systems and new acquisitions.
5. Initiates and leads large campus wide initiatives and projects.
6. Researches new technologies and consults with others in the industry to learn about emerging technology, systems, and programs.

**PROBLEM-SOLVING AND DECISION-MAKING:**

Problems are highly varied, complex and often non-recurring; require novel and creative approaches to resolution. New concepts and approaches may have to be developed.

Decisions have major implications on the management and operations of an area within a department; your job may contribute to important strategy, operations, and business decisions that affect the department.

Decisions impact:

- Department
- Direct team
- Student/Parents
- Vendors/Suppliers/Contractors
- Other External Agencies and Institutions

**ACCOUNTABILITY:**

Results are defined by senior leadership, division/college and university mission, vision and strategies. Incumbent sets own goals and determines how to accomplish results with few or no guidelines to follow, although precedents may exist; supervisor/manager provides broad guidance and overall direction.



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**RELATIONSHIPS WITH OTHERS:**

Collaborates and interacts within the Dept/Unit, University Wide, and Externally to:

- Exchange routine, factual information and/or answer routine questions.
- Identify needs/concerns of others, determine potential solutions, resolve or redirect appropriately.
- Persuade, gain cooperation and acceptance of ideas, or collaborate on significant projects.
- Resolve conflict, negotiate, or collaborate on major projects.
- Develop and maintain relationships with key contacts to enhance workflow and work quality.
- Access and/or work with sensitive and/or confidential information.
- Handle sensitive issues and facilitate collaboration at the highest level.
- Exchange detailed information or resolve varied problems.

**TYPICAL REQUIREMENTS:**

Bachelor's degree in Computer Science, Computer Engineering, or related field.

4 years of experience providing management in the area of computing systems infrastructure or web application management.

**DISCLAIMER:**

The above statements are intended to indicate the general nature and level of work performed by positions within this job profile. They are not designed to contain or be interpreted as an exhaustive list of all duties, responsibilities, skills, and qualifications required of all employees within positions covered by this job profile.