Job Title:	Server Systems Developer	**Job Code:**	T43581
Job Function:	Staff	**Grade:**	219
Job Family:	Classified	**FLSA:**	Exempt
SOC Description:	3000 Information Technology Division	**Date:**	1/1/04;7/11/00

Job Summary:

Software design and development for tools and systems integration services to enhance or enable the use of Internet and Intranew applications such as authentication, directory, email, and web services. Assist in maintaining and administering enterprise level network servers (UNIX and Windows).

Essential Functions:

25% Design, develop and document custom programs to provide new or enhanced Internet-enabled services for students, faculty, and staff.

25% Develop new administrative tools for server and system maintenance. Develop software, methods, and procedures for system integration of various server platforms and services.

20% Install, test, upgrade and maintain hardware, operating systems, and systems and application software on enterprise level UNIX, Linux and Windows servers. Document hardware and software configurations. Monitor system usage. Assiss in managing system security.

15% System testing and documentation for new network-based services.

15% Research and evaluate new and emerging technology and adapt these technologies for use in the University environment. Maintain knowledge of new computer technology and advancements in hardware and software.

Education:

Requires a relevant Bachelor's Degree.

Licenses/Certifications/Requirements:

None.

Experience:

Requires a minimum of 2 years experience in computer system development, server management , networking protocols and programming. Proficiency in more than one programming language such as: C, C++, Perl, Java PHP required. Knowledge of the design and functionality of Internet applications and protocols required. Highly developed problem solving, communication, and technical writing skills required. Ability to adapt to new technology and maintain current in technical knowledge required.

Leadership:

No authority or responsibility for the supervision of others.

Physical Requirements:

Job is physically comfortable; individual is normally seated and has discretion about walking, standing, etc. May occasionally lift very lightweight objects.

Working Conditions:

Standard working environment with possible minor inconveniences due to occasional noise, crowded working conditions and/or minor heating/cooling or ventilation problems. Near continuous use (>70% of the time) of a video display terminal.