



Position Title:	Senior Systems Programmer		
Reports To:	Manager Linux Systems		
Department:	Information Technology	Job Code:	0381-00E
Prepared By/Date:	Carol Flynn/10-2004	Job Group:	PEC
Approved By/Date:	Karl Herleman/08-03-2011	Salary Grade:	16
Revised:	Bill Dickhaus/Donna French/08-02-2011	FLSA Status:	Exempt

Summary:

This position is responsible for managing and maintaining IBM mainframe, Linux, and open operating systems within Enterprise Operations at a secure and stable level while maximizing availability and access for applications, application developers, college staff, students, and interoperability with other computer systems.

Essential Duties and Responsibilities:

- Maintains the execution and operation of the software that runs the Linux and open systems computers
- Maintains the operating system and supporting software for the mainframe enterprise server
- Manages the installation and configuration of software products and systems used by students and college personnel on the mainframe enterprise server and on enterprise Linux computers
- Manages the installation of software tools providing systems level monitoring, utility and functionally
- Assists and participates in disaster recovery procedures and operations
- Provides and configures printing capabilities at the computer center and at user desktop locations
- Configures and maintains network access to the college mainframe computer and Linux computers in the computer center, including TCP/IP, FTP, SMTP, and SSH
- Monitors and evaluates system performance, and assure system availability during critical periods
- Provides third-tier support to programming and campus network services staff
- Tests and evaluates software products for inclusion within college systems
- Provides interoperability and functional compatibility between mainframe and open systems computers
- Provides custom installs of open operating systems for use in development and evaluation
- Performs other duties as assigned

Knowledge, Skills and Abilities:

- Knowledge of the IBM Z/OS and/or Linux operating systems
- Knowledge of network and TCP/IP configuration and usage at the system level
- Ability to adapt to rapidly changing technologies
- Ability to communicate with technical support personal as well as non-technical college personnel
- Ability to work in a multi-ethnic and multi-cultural environment

Work Environment:

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job.

While performing the duties of this job, the noise level in the work environment is very loud.

Physical Demands:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is frequently required to stand and reach with hands and arms. The employee is regularly required to use hands to finger, handle, or feel objects, tools, or controls; and talk or hear. The employee is occasionally required to walk and sit.

Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and the ability to adjust focus.

Essential Personnel:

This function/position has been designated as “essential.” This means that when the College is faced with an institutional emergency, employees in such positions may be required to remain at their work location or to report to work to protect, recover and continue operations at the College.

Minimum Requirements:

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily.

- Bachelor's degree in related field from an accredited college or university and seven (7) years of technology experience; or Master's degree and three (3) years of related experience

ACKNOWLEDGEMENT

I have read and acknowledge receipt of a copy of my job description.

Signature

Date

Printed Name