General Description
Provides complex and advanced level planning, design, and support for the University core network infrastructure, such as the management of the core network hardware, providing technical support, and training Information Technology (IT) staff.

Examples of Duties
- Provides complex core network equipment support.
- Identifies and manages internet protocol (IP) addresses.
- Provides customer service support to the users of the core network.
- Develops and evaluates complex technical documents used in the maintenance of the equipment.
- Ensures the security of the core network infrastructure by using various technologies.
- Plans and evaluates the network software and hardware.
- Designs and monitors complex networks.
- Trains and leads core network staff.
- Researches, designs, and creates core network policies.
- Performs other advanced level network analysis duties as assigned.

Knowledge, Skills, and Abilities
- Knowledge of data processing and core network principles, practices, and equipment.
- Knowledge of large integrated systems and event driven programming.
- Knowledge of MS Windows, Banner, Spectrum, Unix, and an understanding of client and server computing, programming languages, such as COBOL, C, C++, Visual Basic, Pearle, Java, relational databases (Oracle), crystal, SQL/PL SQL, LANs, etc.
- Effective time management, customer service, analytical, and organizational skills.
- Effective oral and verbal communication skills with external and internal customers.
- Ability to multi-task, supervise, and use independent judgment.

Minimum GSU Hiring Standards
Bachelor’s degree and four years of related experience; or a combination of education and related experience.

The above is a general description of duties performed by employees holding this job title and does not represent a complete list of duties that may be assigned to an employee.