

Network Administration (10-assignment)



Each assignment is designed around a list of performance objectives. These lists include academic, technical and occupational objectives. The assignments are written in such a way as to enable a student to attain the performance objectives, with the assessment questions linked to these in order to provide a measure of true competency.

The performance objectives are used by the ClassAct management system to generate a comprehensive portfolio of student competency reports. Default reports supplied with this module include:

- Entry report
- Technical/Occupational Exit report
- Basic Skills report based upon the federal SCAN's report.

The items supplied with this instructional module include:

- 10-assignment On-Screen Student Assignment Guide CD
- 10-assignment Student Workbook
- 10-assignment Instructor's Guide
- Networking Simulation Software
- Theory Support Software

Additional items required:

- Computer

This is an integrated instructional module designed specifically to operate within a Modular Program environment. It is ideal for use with our Scantek Technology or IT2020 Information Technology programs. The module includes a 10-assignment exploratory curriculum that is split into two parts. Each part includes a pre-test and post-test. The module includes software, and curriculum materials sufficient to provide a complete learning experience.

The curriculum incorporates continuous assessment through questions. When used in conjunction with a ClassAct networked management system, this provides instant feedback of student performance. The assessments begin with a comprehensive pre-test. This quiz includes questions for each subsequent assignment, together with questions that will specifically test math and reading ability.

Every assignment starts with a series of questions that are designed to track inventory. These ensure that any missing items are located before they are needed.

Each assignment is divided into a series of tasks. Hands-on tasks introduce students to computer network administration, and are accompanied by research tasks based upon illustrated textbooks and on-screen applications. Assessment questions are incorporated into each task.

Exploratory Phase Topics:

- Operating systems
- User accounts and groups
- Administering a network
- Performance monitoring
- Backing up data
- User profiles
- Identifying user requirements
- Network models
- Sharing resources
- Configuring workstations
- Network security
- Network policies
- Network implementation
- Network hardware
- Network software
- Client/Server and peer-to-peer networks
- Computer and network uses
- Network requirements

Exploratory Phase Activities:

- Exploring computer networks.
- Sharing files and network resources.
- Exploring security issues relating to file and resource sharing.
- Accessing shared files.
- Using a shared printer.
- Investigating a peer-to-peer network.
- Investigating a client/server network.
- Creating and managing a user profile.
- Investigating network monitoring.
- Configuring a performance monitoring alert.
- Planning accounts for a company, using knowledge gained throughout the module.

Module Facts

For Technology Program, order as: ST630/10 Network Administration

For IT Program, order as: NS2E Network Administration

	No.	Average time
Assignments	10	45 minutes
Extension Activities	2	60 minutes
Total		9½ hours



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 Web site: www.ljgroup.com