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 designed to track inventory. These ensure that any missing items are located before they are needed.

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
- PC Upgrading and Troubleshooting Quicksteps textbook

Additional items required:
- Computer

Exploratory Phase Topics:
- Evolution and generations of computers
- Basic internal and external computer components
- Advanced internal and external computer components
- Disk drives
- Expanding the computer system
- Capturing text and images
- Printers
- Video conferencing
- ISDN
- TV and radio adapters
- Game devices
- Speech recognition
- Connectors
- Keyboards and pointing devices
- Computer cases
- CD-ROM and DVD technologies
- Installing devices
- Computer component selection

Exploratory Phase Activities:
- Exploring the evolution of computers.
- Awareness of computer hazards and safety.
- Backing-up and restoring data.
- Preventative maintenance methods.
- Connecting and installing a range of devices.
- Expanding the computer system.
- Exploring the uses of a range of components.
- Capturing text and images.
- Building a virtual computer system to meet new specifications.
- Investigating multimedia components.

For Technology Program, order as: ST660/10 Computer Maintenance and Upgrading
For IT Program, order as: ISS1E Computer Maintenance and Upgrading

<table>
<thead>
<tr>
<th>No.</th>
<th>Average time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assignments</td>
<td>10</td>
</tr>
<tr>
<td>Extension Activities</td>
<td>2</td>
</tr>
<tr>
<td>Total</td>
<td>9½ hours</td>
</tr>
</tbody>
</table>

LJ Technical Systems
Web site: www.ljgroup.com

Ref No. P5044-E