BUILD A BASE THEN PURSUE YOUR PASSION

LCTI’s IT Academy offers four pathways designed to point students toward college degrees and lucrative careers in the rapidly growing field of computer science.

DID YOU KNOW?
• IT Academy students can earn college credit for standard coursework they complete at LCTI.
• The median annual wage for IT professionals in May 2015 was $81,430*

*U.S. Bureau of Labor Statistics

Lehigh Career & Technical Institute does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs or activities.

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**Administrative Office Technology**

Computers are an indispensable tool in the modern office. Administrative Office Technology/Accounting students learn how they can be used to manage a company’s money, employees and much more.

- **with associate degree:** Administrative Assistant
  - Office Manager

- **with bachelor’s degree:** Accountant
  - Accounts Supervisor

**Computer Information Technology**

News headlines about hacking are a reminder that the convenience of computers comes with pitfalls. In addition to managing and analyzing data, Computer Information Technology students learn how to keep it safe.

- **with associate degree:** Data Manager
  - Information Security Analyst

- **with bachelor’s degree:** Cybersecurity Engineer
  - IT Systems Manager

**Computer & Networking Technology**

Computers are an integral part of our society, so the ability to design, build, maintain and repair computer systems is an invaluable skill. Computer & Networking Technology students learn to do just that.

- **with associate degree:** Computer Repair Technician
  - IT Sales Specialist

- **with bachelor’s degree:** Network Systems Analyst
  - IT Network Administrator

**Web Design/Web Programming**

These days, just about everyone and everything is online. Web Design/Web Programming students learn to create compelling web content by mastering everything from graphic design to HTML and JavaScript.

- **with associate degree:** Graphic Designer
  - Web Designer

- **with bachelor’s degree:** Software Developer
  - Video Editor

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**Potential Career Paths**

<table>
<thead>
<tr>
<th>YEAR 1</th>
<th>YEAR 2</th>
<th>YEAR 3</th>
<th>YEAR 4</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Administrative Office Technology</strong></td>
<td><strong>Computer Information Technology</strong></td>
<td><strong>Computer &amp; Networking Technology</strong></td>
<td><strong>Web Design/Web Programming</strong></td>
</tr>
<tr>
<td>Accounting</td>
<td>Digital Literacy</td>
<td>Business Law &amp; Ethics</td>
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</tr>
<tr>
<td>Office Procedures</td>
<td>Introduction to Software &amp; Hardware</td>
<td>Business Math</td>
<td>Business Math</td>
</tr>
<tr>
<td>Telecommunications</td>
<td>Fundamentals of Networking</td>
<td>Office Management</td>
<td>Office Management</td>
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<tr>
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<td>Introduction to HTML/Visual Basic</td>
<td>Internship/Co-Op</td>
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</tr>
</tbody>
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In order to build a broad knowledge base, first- and second-year IT Academy students learn the same concepts and skills, regardless of their pathway.

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**Curriculum Scope & Sequence**

- **YEAR 1**: Digital Literacy, Introduction to Software & Hardware, Fundamentals of Networking, Introduction to HTML/Visual Basic
- **YEAR 2**: As+ Software, IT Security, As+ Hardware, IT Careers/Help Desk
- **YEAR 3**: Accounting, Office Procedures, Telecommunications, Database Administration, Data Analysis, Data Processing, Backup/Recovery Procedures, Network Hardware Installation, Network Cabling & Connections, Building Wired & Wireless Networks, Network Troubleshooting

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