



# Information Technology

The information Technology Academy is a competency-based training program designed to ensure graduating students have demonstrated knowledge and skills essential to the development, implementation, and use of computer hardware, software, services, and infrastructure. The Information Technology field in positions such as application developer, computer programmer, database administrator, network administrator, security specialist, etc. The combination of skills gained through this academy is highly transferrable to technical jobs in many industry sectors.

## Career Options

**Network/Computer Systems Administrator | Average Pay: \$32- 48/hour**

Description: Install, configure, and support an organization's local area network (LAN), wide area network (WAN), and Internet systems. Monitor network to ensure network availability to all system users and perform necessary maintenance to support network availability.

**Software Developer | Average Pay: \$41-62/hour**

Description: Research, design, develop, and test operating systems-level software, compilers, and network distribution software for medical, industrial, military, communications, aerospace, business, scientific, and general computing applications.

## Real World Experience

- Job-shadow or internship
- Work Seminar / Employment Skills

## Choose at Least Three of the Following Foundational Required Courses:

- Word Processing/Keyboarding I
- Introduction to Computer Technology
- Web Design & Application/Coding
- Computer Applications (MOS Certification)
- Robotics

## Recommended Courses

- College Problem Solving & Computer Science
- College Introduction to Business
- Technical Writing
- Basic Accounting
- Criminal & Civil Law
- Word Processing/Keyboarding II
- Drafting I through CAD
- College Financial Literacy
- Electricity & Electronics
- Global Perspectives

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All students are REQUIRED to complete 40 hours of these in order to graduate with an ACADEMY AWARD.

JOB-SHADOWING • INTERNSHIP • WORK-BASED LEARNING