



# Academy of Information Technology

## ***Our Mission Statement***

The Academy of Information Technology provides the foundation for further study in Information Technology majors at the collegiate level. Graduates of the academy will have the academic, computer and interpersonal skills required for success in their post-secondary study as well as their future career. In collaboration with area businesses, this academy will make students aware of the expectations and opportunities for careers in business.

## ***AOIT Career Paths***

Computer Hardware Engineers  
 Computer Operators  
 Computer Programmers  
 Computer Security  
 Computer Software Engineers  
 Applications Systems  
 Computer Support Specialists  
 Database Administrator  
 Network Administrator  
 Graphic Designers  
 Digital Media – Video and Audio Engineers  
 Computer Manager  
 Web Page Designers  
 Video Game Testers  
 Video Game Designers

Below is a list of courses that students are required to take to receive a certificate, upon graduation, from the Academy of Information Technology (AOIT).

## *An Arts & Sciences Program*

### **Freshman Year**

- English
- Math
- U.S. History I
- Biology
- Foreign Language
- Strategies for Success
- PE/HD

### **Junior Year**

- English
- Math
- Physics\*
- World History\*
- Digital Media & Advanced Web Programming & Gaming
- MS Excel or Access\*\*\*\*
- PE

### **Sophomore Year**

- English
- Math
- U.S. History II
- Chemistry
- Foreign Language
- Intro to AOIT and Internet (Web Design)
- PE/HD

### **Senior Year**

- English
- Math\*\*
- Cisco Networking (CCNA1)
- College Accounting or Economics
- IT Elective
- MS Excel or Access\*\*\*\*
- PE

## **INFORMATION TECHNOLOGY ELECTIVES**

Advanced Computer Concepts  
 Computer Programming 2  
 Video Production

## **Academy Activities**

Sophomore Year: Yellow Bus Tour  
 Junior Year: Mentor Protégé Program  
 Senior Year: Recommended Internship

**Extra-curricular:** Business Professionals of America (BPA)  
 Senior Video Production

A student chooses whether to take Advanced Placement, Honors or Intensive level courses for their core courses.

\*Students who wish to take a third year of foreign language will need to move their Physics or World History course to senior year

\*\*A fourth year of math is required for academy students to receive their certificate.

\*\*\*Completion of two-day a week/full year course in Excel and Access is required to receive a certificate.