

## AOIT Student benefits:

- More than 4 out of 5 AOIT graduates attend college
- Students enjoy a special graduation ceremony and access to awards and scholarships reserved for AOIT graduates
- Graduates acquire the problem-solving and teamwork skills necessary to succeed in higher education and beyond
- Graduates are more prepared for employment and have more positive career outcomes



## AOIT Program Features:

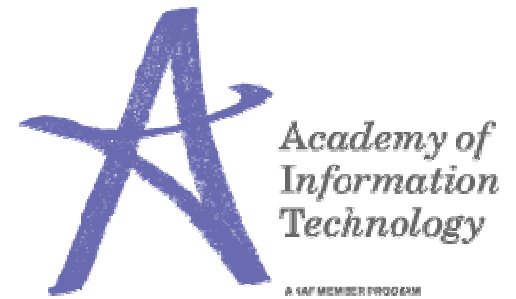
- Six-to eight-week paid internships (junior/senior year) of at least 120 hours (approximately \$1,000)
- Rigorous program of study
- A way for students to earn college credits while in high school
- Enhanced opportunities for employment after graduation
- Industry training for students and teachers
- Motivated students who know that the Academy prepares them for college and for their careers

### Current AOIT programs in Montgomery County Public Schools:

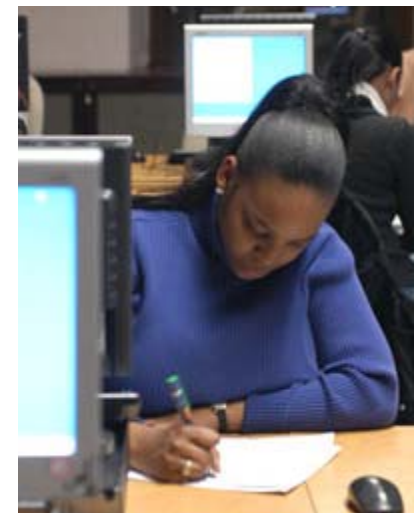
- Gaithersburg (2002)
- Wheaton (2003)
- Damascus (2005)
- Springbrook (2005)
- Seneca Valley (2006)
- Wootton (2006)

### The Division of Career and Technology Education

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*The Academy of Information Technology, a member program of the National Academy Foundation provides a program of study that introduces students to the broad career opportunities in today's digital workforce and equips them with the personal, analytical, technical and communication skills they need to thrive.*



## The Academy of Information Technology

The Academy of Information Technology (AOIT) is a college preparatory program. Its mission is to prepare students to be successful in future careers in information technology. By doing so, students gain valuable knowledge to prepare for meaningful careers.

### Academy of Technology Courses

*Discovering Programming Concepts*

*Software Applications by Design*

*Web Site Development*

*Web Tools and Digital Media, Advanced*

*Database Administration Programming*

*Microcomputer Technologies*

*Network Engineering and Management*

### Satisfied Businesses

- Lockheed Martin – Information Systems and Global Services
- MCT Credit Union
- Booz Allen
- Data Networks
- Montgomery College
- Datawatch Systems

### The Student Partnership

Students gain first hand experience in the fascinating and challenging world of information technology through a paid internship program. Throughout their years in the AOIT, students will have the opportunity to:

- Interact with people, functions, and organizations in the information technology industry
- Visit local, national and international information technology companies and government agencies
- Participate in mentoring and shadowing programs
- Gain valuable insights from guest speakers
- Attend conferences, trade shows, and college fairs
- Enjoy special graduation and recognition ceremonies



### The Business Partnership

The AOIT is a combined commitment of leaders in business, education, and the community.

Partners may:

- Serve as advisory board members
- Provide paid summer internships helping to shape the future workforce
- Serve as mentors or speakers, and provide one-day shadowing experiences or field trips
- Provide scholarships, special project funding, or in-kind contributions

### Advantages to Business

- Participation in a program that helps to nurture and teach students to be productive citizens and talented professionals
- Community reinvestment credit for banks
- Tax credit for business
- Natural progression for recruiting future employees
- Sustained employment levels during the summer months
- **Get real quality products (i.e. webpages, websites, databases, programming modules, etc...) rapidly and at a reasonable price:**
- **From \$5 - \$10 /hour and minimum of 120 hours, products can be realized for as little as \$1,200.**