

Business & Information Technology Electives

W.T. Woodson High School

2012-2013

*If your son/daughter is considering a major or minor
in business, start the foundations now in high school.
They will be better prepared for their college
courses and future careers.*

Teacher Contacts:

Frank Johnson fljohnson@fcps.edu

[Principles of Business](#)

(9th -10th)

[Information Systems](#)

(9th -12th)

[Programming \(Virtual Worlds & Gaming\)](#)

(9th -12th)

[Design, Multimedia, and Web Technologies](#)

(10th -12th)

[Web Page Development](#)

(10th -12th)

[Cooperative Education Internship](#)

(11th -12th)

[Business Certifications](#)

[Future Business Leaders of America \(FBLA\)](#)

[Diploma Seal & Certifications](#)

[Recommended Course Pathway for BIT Students](#)

Principles of Business

- Learn how the American business system works and how your purchases affect the economy
- Explore leadership styles and management concepts
- Participate in business simulations that will improve your communication skills, business etiquette, and job-seeking techniques
- Examine how computers are used in business and industry
- Develop a business plan for a real or simulated business



[Link to Business Homepage](#)

Information Systems

- Advanced level use of Microsoft Applications including Word, PowerPoint, Excel and Access
- How to format papers and create presentations in preparation for college
- Learning of computer skills for more efficient use of technology
- Refinement of typing and design skills for skills necessary in industry areas



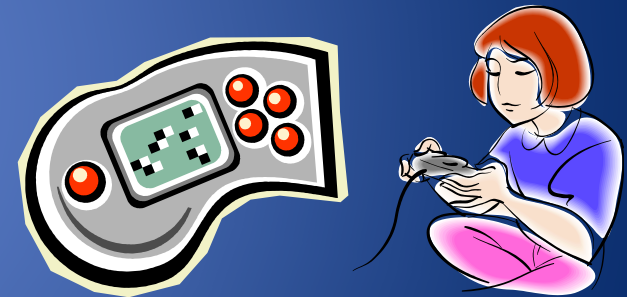
[Link to Business Homepage](#)

Programming (Virtual Worlds & Gaming)

- Use **Alice** by Carnegie-Mellon University to learn programming concepts
- Develop worlds using Alice
- Use **Visual Basic** to learn Business programming applications, create animation, and games
- Visual Basic games include VB Space Invaders, VB Pong, VB Rock, Paper, Scissors, VB Tic-Tac-Toe, VB Pilot Simulation
- Use **Game Maker** software to create individual and multiplayer games, simulations, & educational games.



www.alice.org



[Link to Business Homepage](#)

Design, Multimedia, and Web Technologies

- Create a website for multi-functional reasons
- Learn to design and edit images for school use
- Use the Adobe CS5 Software
- Photoshop, Dreamweaver, Illustrator, In Design, Flash and more!



[Link to Business Homepage](#)

Web Page Development

- Opportunity to design web pages in a client-based business environment
- Learn the basics of HTML and Dreamweaver
- Hands-on activities that will allow you to create web pages for various audiences and users



[Link to Business Homepage](#)

Cooperative Education

Course option if a student is enrolled in a
Business & IT Course

- Build useful employment skills
- Gain work experience in the industry
- Obtain training and support
- Earn money for your future
- Network with professionals
- Support the transition between school and employment
- Resume, job application, and interview preparation

[Link to Business Homepage](#)

Business Certifications

All Business & I.T. Students Eligible

IC3 Certification

The Internet and Computing Core Certification (IC³) program is the world's first validated, standards-based training and certification program for basic computing and knowledge and skills. Successful completion of IC³ ensures you have the knowledge and skills required for basic use of computer hardware, software, networks, and the Internet. **IC³ is your gateway to advancement in education, employment, or other programs.**

Microsoft Office Specialist (MOS)

Microsoft Office Specialist certification, the premier Microsoft desktop productivity certification, is a globally recognized standard that validates computer desktop skills. **The Microsoft Office Specialist program is meeting the demand for "job-ready" people in the global workplace.**

[Link to Business Homepage](#)

Future Business Leaders of America (FBLA)

People who are enrolled in Business and Information Technology classes may join FBLA. FBLA is a business club where students can:

- § Meet other students interested in business
- § Compete in career-related competitions to win professionally recognized awards and gain skills
- § Network and meet business people
- § Build your resume and college application
- § Strengthen your leadership skills, communication skills, confidence and reach your goals.
- § Earn Business Experience
- § Add to College Application
- § Participate in Competitions
- § Meet New People
- § Build Leadership Skills
- § Win Prizes & Scholarships
- § Over-come Stage Fright



[Link to Business Homepage](#)

Recommended Course Pathways for WTW Business & I.T. Students

FRESHMEN YEAR	SOPHOMORE YEAR	JUNIOR YEAR	SENIOR YEAR
Principles of Business	Information Systems	Design, Multimedia, and Web Technologies	Programming or Web Page Development or *Cooperative Education
Information Systems	Principles of Business	Design, Multimedia, and Web Technologies or Web Page Development	Programming or Design, Multimedia, and Web Technologies or *Cooperative Education

[Link to Business Homepage](#)