

What do you do in a Business & IT course? Prepare yourself with skills, knowledge, and experience for the future—college and/or work setting. Sign up for an elective course that will enhance your resume.

Information Systems

(661200) Grades: 9-12 Credit: 1
Prerequisite: Computer Solutions or Digital Input Technologies or equivalent skill

Students apply problem-solving skills to real-life situations through word processing, spreadsheets, databases, multimedia presentations, and integrated software activities. Students create greeting cards, resumes, business letters, Skittles probability chart, and current industry-related documents.

Advanced Information Systems

(661300) Grades: 10-12 Credit: 1
Prerequisite: Information Systems, Computer Solutions, Digital Input Technologies or equivalent skill

Students will develop professional computer and technology skills in a project-oriented and student-centered environment. Instruction in current and emerging information technology includes operating systems, networking and hardware principles, document preparation, presentation tools, spreadsheet analysis and charts preparation, relational database management, technical writing, desktop publishing, and copyright issues.

Cybersecurity Fundamentals

(666302) Grades: 9-12 Credit: 1

Cybersecurity affects every individual, organization, and nation. This course focuses on the evolving and all-pervasive technological environment with an emphasis on securing personal, organizational, and national information. Students will be introduced to the principles of cybersecurity, explore emerging technologies, examine threats and protective measures, and investigate the diverse high-skill, high-wage, and high-demand career opportunities in the field of cybersecurity.

Programming

(664000) Grades: 9-12 Credit: 1
Prerequisite: Keyboarding skills and Windows knowledge

Students explore computer concepts, apply logic procedures, and implement programming procedures. Students create applications in Visual Basic.Net, Unity 3D and similar programs. Projects include: School Phonebook, Smart phone apps, and game creation.

Advanced Programming

(664100) Grades: 10-12 Credit: 1
Prerequisite: Programming



Building on a foundation of programming skills, students will use object-oriented programming to develop applications for

Windows, database, multimedia, games, mobile, and/or Web environments. Students will have the opportunity to explore and create applications related to the information technology and game design industries. Students create several mobile applications for the Droid and other Windows based devices.

Design Multimedia & Web Technologies

(663000) Grades: 9-12 Credit: 1
Prerequisite: Advanced Information Systems or Approval of Instructor

DMWT is a project-oriented course that introduces the student to desktop publications, multimedia presentations, and Web page creation. You will create an electronic portfolio: Buy a Computer for a Multimedia Business Newsletter, Client Business Card, Personal Calendar with photos enhanced in Photoshop, Redesign Restaurant's Menu, Business & IT Recruitment Brochure, Business Logo, Stationery, Business Card & Presentation for Your Own Business, Animation Presentation, Travel Presentation and Web site.



Web Page Development

(663100) Grades: 10-12 Credit: 1
Prerequisite: Programming, Design Multimedia or Approval of Instructor

Do you want to design Webs? This course provides students the opportunity to study, develop and design sophisticated Web pages in a client-based business environment. Instruction will include basics of HTML, preparing and editing Web page images, applying advanced design techniques and features, creating vector animations, and managing Web site directory structures.



Each student will take at least one certification exam—Microsoft Office Specialist (MOS), and/or Workplace Readiness Skills, and/or Visual Communication or Web Communication in Adobe Creative Suite (InDesign, Photoshop, Illustrator, Dreamweaver, or Flash). However, students may elect to take as many exams as he/she is motivated to practice and sit for this school year.

Business Cooperative Internship/BCI

(679920) Grades: 11-12 Credits: 1 or 2
Prerequisite: Keyboarding Skills and Teacher Approval

Earn money and credit while you work. The BCI work experience combines an advanced business course with employment in a business-related field that reflects the student's career interests. This course must be taken in conjunction with another business course. This program offers valuable work experience—earning \$\$\$ for college, enhances employment skills, and develops marketable skills.

IB Business & Management SL

(613508) Grades 11-12 Credit: 1

As either a junior or senior, students are able to take this course at the standard level. Topics include: Business Organization, Human Resources, Accounting, Finance, Marketing, and Operations Management. In order to receive the weighted GPA, students will also have to complete an internal assessment and sit for IB exams in May. This course can be either a Group 3 or Group 6 elective.

IB Career-related Program!!

The IB Career-related Program (IBCP) allows students to explore careers in Business & Information Technology and to benefit from elements of an IB education. In addition to Business & IT courses taken junior and senior year, students take two diploma program courses and complete a unique IBCP core, comprised of a personal and professional skills course, language development, a reflective project and community and service. If interested please speak to your Business & IT teacher, counselor or IBCP Coordinator, Susan Brownsword (skbrownsword@fcps.edu).

IB Business & Management HL

(613509) Grade 12 Credit: 1

Higher level IB Business & Management is similar to standard level with additional topics covered in each of the five units as well as Business Strategy. Students research a topic applicable to a real-life business using a variety of secondary sources as well as conducting primary research as part of the required IB Internal Assessment. The HL IB exams include concepts learned in both SL and HL.

Accounting

(632000) Grades: 10-12 Credit: 1

Knowledge of these practical skills will help you throughout your entire lifetime regardless of your career path! Students learn about the financial operations of modern business enterprises including sole proprietorships, partnerships and corporations. Integrating related accounting software enhances analysis and evaluation skills. Strong basic math background is recommended. Business Cooperative Internship/BCI experience is available. Earn Industry Certification(s).

Advanced Online Accounting

(632100) Grades: 11-12 Credit: 1

Prerequisite: Accounting

Students continue to master accounting principles and procedures, adding new topics about managerial accounting, cost accounting, financial analysis, and business ethics.