

BUSINESS AND TECHNOLOGY

COURSES OFFERED

Grade	No.	Course Title	Credit
9-12	382	Computer Applications	0.50
9-12	384	Intro. Computer Programming	0.50
11-12	386	Advanced Placement Computer Science A	1.00
11-12	387	Advanced Placement Computer Science AB	1.00
9-10	408	Principles of Business	0.50
10-12	418	Accounting I	1.00
11-12	420	Computerized and Advanced Accounting	1.00
11-12	425	School Store Management	0.50
11-12	426	Marketing and Advertising	0.50
11-12	440	Personal Finance	0.50
11-12	451	Personal Law	0.50
9-12	482	College Computer Skills	0.50
9-12	483	Advanced College Computer Skills	0.50
10-12	485	Web Page Design	0.50

COMPUTER APPLICATIONS - 382

Prerequisite: None
 Elective
 Graded: Conventionally
 Time Frame: Semester
 Recommendation: Word Processing

Computer Applications and Multimedia is designed to provide students with additional technology skills in the areas of data base design and multimedia programs. Students will explore a variety of programs including current database, office, software, web page design, and other multimedia software.

INTRODUCTION TO COMPUTER PROGRAMMING - 384

Prerequisite: Algebra I
 Elective
 Graded: Conventionally
 Time Frame: Semester
 Recommendation: C or above in Algebra I

Introduction to Computer Programming provides an introductory study of techniques in programming utilizing Java, C++ and other languages. Topics include structure of programming, input and output, data types and structures, logical operations and loops. Projects assigned will require application of computing resources in a variety of curriculum areas. The class is designed as a programming/lecture/laboratory class with emphasis on programming/debugging. Upon completion of this course the student will have a solid background in program methodology.

ADVANCED PLACEMENT COMPUTER SCIENCE A - 386

Prerequisite: Introduction to Computer Programming
 Elective
 Graded: Weighted
 Time Frame: Year
 Recommendation: Teacher Recommendation

Advanced Placement Computer Science A is designed for the skilled computing student. Competent mathematics and communication skills are assumed. Topics to be covered include programming design and methodology, data types and structures, file manipulations, procedures and functions, arrays, records, algorithms, applications and implications. The course is designed as primarily a programming/lecture/laboratory class with out-of-class time for project development. The primary language in the course is Java and students are encouraged to take the Advanced Placement test in May.

ADVANCED PLACEMENT COMPUTER SCIENCE AB - 387

Prerequisite: Advanced Placement Computer Science A or Teacher Permission
 Elective
 Graded: Weighted
 Time Frame: Year
 Recommendation: Teacher Recommendation

Advanced Placement Computer Science AB is designed for the skilled computing student. Competent mathematics and communication skills are assumed. Topics to be covered include all topics from the A course as well as advanced data structures and algorithms. In addition GUI interfaces, swing and file handling will also be covered. The course is designed as primarily a programming/lecture/laboratory class with extensive out-of-class time for project development. The primary language in the course is Java and students are encouraged to take the Advanced Placement test in May.

PRINCIPLES OF BUSINESS - 408

Prerequisite: None
Elective Grade: 9-10
Graded: Conventionally Credit: 0.50
Time Frame: Semester

Principles of Business is designed to introduce students to the various aspects of the business world. This course provides students with exposure to the various forms of business ownership, banking, investing, and personal budgeting.

ACCOUNTING I - 418

Prerequisite: None
Elective Grade: 10-12
Graded: Conventionally Credit: 1.00
Time Frame: Year

Thinking about starting your own business in college? Regardless of your occupational interest, this course is for you! Students learn accounting fundamentals and how to analyze and record financial records. After accounting procedures are mastered a business accounting simulation is completed as a final project.

COMPUTERIZED AND ADVANCED ACCOUNTING - 420

Prerequisite: Accounting I and Teacher Recommendation
Elective Grade: 11-12
Graded: Conventionally Credit: 1.00
Time Frame: Year

Computerized and Advanced Accounting provides excellent training for entry-level employment and is extremely valuable for students planning to pursue accounting or other business specialties after high school. Students will expand their accounting knowledge by gaining a broader understanding of the business activities associated with departmental and corporate accounting while using computers to learn and practice automated accounting practices.

SCHOOL STORE MANAGEMENT - 425

Prerequisite: Accounting I or two Semesters of Business Credits
Elective: Repeatable Grade: 11-12
Graded: Conventionally Credit: 0.50
Time Frame: Semester/Year

This course is designed to be a performance-based course. Students will manage the school store and apply the economic principle of supply and demand. Students will apply this principle in making decisions regarding product pricing, advertising, and work assignment delegation.

Students must complete either Accounting I or two semesters of business credit, the application process, and receive teacher approval to be considered for the course.

*2 period, yearlong course at Scioto
2 period semester course at Coffman
1 period semester course at Jerome*

MARKETING AND ADVERTISING -426

Prerequisite: None
Elective Grade: 11 -12
Graded: Conventionally Credit: 0.50
Time Frame: Semester

This course is designed to give students an understanding of how business in our modern society market and advertise their goods and services to consumers. Topics covered include marketing research, product development, promotion, pricing, and distribution. Students will have the opportunity to apply the concepts learned to create marketing campaigns for real products, including creating commercials, and graphic/visual presentations.

PERSONAL FINANCE - 440

Prerequisite: None
Elective Grade: 11-12
Graded: Conventionally Credit: 0.50
Time Frame: Semester

Personal Finance is designed to provide hands-on opportunities for students to explore various areas of finance which will be enhanced through the use of computer technology. These areas include financial planning, money management, credit use, banking, insurance, housing, taxes and investments.

PERSONAL LAW - 451

Prerequisite: None
Elective Grade: 11-12
Graded: Conventionally Credit: 0.50
Time Frame: Semester

Personal Law is designed to provide students with the opportunity to explore various areas of law as they relate to juveniles and to individuals. The students will explore the following areas of our legal system: the Constitution, criminal and civil law, the court system, and juvenile law. The students are provided a hands-on learning opportunity of our legal system through a field trip.

COLLEGE COMPUTER SKILLS - 482

Prerequisite: None
Elective Grade: 9-12
Graded: Conventionally Credit: 0.50
Time Frame: Semester

College Computer Skills will provide students with the opportunity to learn, improve, and become proficient in the following areas of technology: touch typing skills, Microsoft Word, Excel spreadsheets, PowerPoint presentations, formatting documents (MLA reports, business letters, tables, charts, résumés), computer graphics, and databases. This course will teach the fundamental computer skills necessary to be successful in the high school and college level. Upon completion, students will be able to identify, select, and apply appropriate technology tools and resources to produce creative works and to construct technology-enhanced documents. Recommended for all students. This course replaces the Word Processing course. Students who have completed Word Processing do not need to take this course.

ADVANCED COLLEGE COMPUTER SKILLS - 483

Prerequisite: Word Processing OR College Computer Skills
Elective Grade: 9-12
Graded: Conventionally Credit: 0.50
Time Frame: Semester

This is an independent, self-guided learning course. This course simulates a work setting and allows students to learn at an individualized pace. Advanced College Computer Skills incorporates numerous software programs. Students will choose from the following modules:

Excel Spreadsheets I, Excel Spreadsheets II, Databases, Web Page Design, Graphic Editing, Flash Animations, Presentation Software, Microsoft Word, Multimedia, Operating Systems/File Organization, Keyboarding Skills.

WEB PAGE DESIGN - 485

Prerequisite: None
Elective Grade: 10-12
Graded: Conventionally Credit: 0.50
Time Frame: Semester

This web page design course will provide students with the opportunity to create quality documents in the areas of visual communications and web page design. Using web design software, students will integrate text, graphics, and animations to produce original web pages and other forms of visual communications.