

Accounting & Management

Introduction to Business
Personal Finance+
Accounting 1
Accounting 2+
Accounting 3*+
Business Management
Business, Marketing and Information Technology Internship**
Entrepreneurship: Virtual Enterprise International**

Digital Media

Introduction to Computer Technologies
Digital Animation
Web Design 1
Web Design 2
Multimedia 1
Multimedia 2
Business, Marketing and Information Technology Internship**
Entrepreneurship: Virtual Enterprise International**

Business & Technology Department



Information Technology

Introduction to Computer Technologies
Fundamentals of IT/Computer Maintenance
Introduction to Computer Science
Computer Science: App Design & Development
AP Computer Science+
AP Computer Science Principles+
Business, Marketing and Information Technology Internship**
Entrepreneurship: Virtual Enterprise International**

Marketing

Introduction to Business
Marketing 1
Marketing 2**+
Business Management
Business, Marketing and Information Technology Internship**
Entrepreneurship: Virtual Enterprise International**

**Denotes Experiential Learning Opportunity

+Denotes Dual-Credit with a College/University

BUSINESS

037350

Introduction to Business

Infinite Campus Name: INTRO TO BUS

Grade(s): 09 - 10

Prerequisite: None

1/2 CTE credit each semester

This course will provide a solid foundation in business principles which are immediately applicable to students' lives. Through the use of interactive technology, presentations, and project management students are made aware of the integral role that they play in today's ever-changing global economy. The units presented are economics, entrepreneurship, marketing, and international business. The experiences students gain in this course will help them to succeed in future personal and business endeavors.

037111/037112

Accounting 1

Infinite Campus Name: ACCOUNTING 1

Grade(s): 10 - 12

Prerequisite: None

1/2 CTE credit each semester

Students interested in learning how businesses operate, students interested in accounting or business as a major in college, and students interested in learning about keeping the financial records for their own business in the future, can all benefit from taking Accounting I. Students will learn financial accounting concepts including the accounting equation, the accounting cycle, entering transactions, posting to ledgers, preparing financial statements and payroll systems. Students will learn to utilize spreadsheet programs and automated accounting software to perform accounting procedures. Connections between accounting principles, the business world, as well as career opportunities in Accounting are provided. Sophomores and juniors are encouraged to take this course so they may elect to take Accounting II. College credit is available for students, meeting certain criteria, through an articulation agreement with St. Louis Community College. Senior students may also participate in the Business Internship Program.

038121/038122

Honors Accounting 2

Infinite Campus Name: +ACCOUNTING 2

Grade(s): 11 - 12

Prerequisite: Successful Completion of Accounting 1

1/2 CTE credit each semester

Accounting II gives students the opportunity to apply their knowledge from Accounting I by mastering advanced accounting activities and concepts. The topics included are

departmentalized accounting, inventory planning, depreciation, notes, accrued expenses and revenues, stocks, bonds, and dividends. Students will continue to utilize spreadsheet programs and automated accounting software to perform accounting procedures. Accounting II provides the foundation of skills and knowledge with which to pursue study in college or enter the work world. Students, meeting certain criteria, may register with Missouri Baptist University through this course and receive credit for Principles of Financial Accounting-ACCT 213. An honors grade will be earned and senior students may also participate in the Business Internship Program. A weighted grade is given.

038131/038132

Honors Accounting 3

Infinite Campus Name: +ACCOUNTING 3

Grade(s): 12

Prerequisite: Successful completion of Accounting II. With instructor approval, students may choose to enroll in both Accounting II and Accounting III.

1/2 CTE credit each semester

In Honors Accounting III, students learn how businesses plan for and evaluate their operating, financing and investing decisions. Students also learn how to gather and provide data for and making financial decisions. This year-long course builds on students' previous financial accounting knowledge and covers managerial accounting concepts. Concepts in this course include budget planning, financial statement analysis, cost accounting, partnerships, governmental accounting, and non-profit accounting. Students meeting certain criteria may register with Missouri Baptist University through this course and receive credit for Principles of Managerial Accounting –ACCT 223. Senior students may also participate in the Business, Marketing and Information Technology Internship Program. A weighted grade is given.

037550

Business Management

Infinite Campus Name: BUS MGT

Grade(s): 11 - 12

Prerequisite: None

1/2 CTE credit each semester

This course provides an overall perspective of the organizational structure of a business and laws that apply. Topics include human resources management, business ethics, employee relationships, management techniques, forms of business ownership, and the legal aspects of each. This is an excellent college preparatory course for the business-oriented student.

BUSINESS

037010

Introduction to Computer Technologies

Infinite Campus Name: INTRO TO COMPUTER TECH

Grade(s): 09 - 12

Prerequisite: None

1/2 CTE credit each semester

The purpose of this course is to provide students with an opportunity to develop a strong foundation in computer and information literacy. This course is a broad introduction to the use of computers as tools for creativity, communications and organizing information. Students will learn about online tools, word processing and spreadsheet software, as well as publishing and presentation software. Students will learn how to use computers flexibly, creatively and purposefully. All learners will be able to recognize what they need to accomplish and determine how they can utilize their digital literacy skills and knowledge to best approach the task.

037490

Digital Animation

Infinite Campus Name: DIGITAL ANIMATION

Grade(s): 09 - 12

Prerequisite: None

1/2 CTE credit each semester

In this course, students will use Adobe Flash to develop rich media content utilizing vector graphics and animation. Students will learn to develop storyboards, create and manipulate graphics and text, develop animation using the timeline, and create interactive elements using Actionscript 3.0. This course gives students a competitive edge in today's technologically driven society as they acquire skills using the leading industry software. Upon completion of this course, students are eligible to become Adobe Certified in Flash.

037570

Web Design 1

Infinite Campus Name: WEB DESIGN 1

Grade(s): 09 - 12

Prerequisite: None

1/2 CTE credit each semester

Web Design 1 provides the student with a solid knowledge base to design, build, manage and publish dynamic content for the web. This course focuses on the overall production process with particular emphasis on design elements involving layout, navigation and interactivity. The students will create web pages that effectively communicate a message to a variety of audiences. Prior computer experience is recommended.

037580

Web Design 2

Infinite Campus Name: WEB DESIGN 2

Grade(s): 09 - 12

Prerequisite: Web Design 1

1/2 CTE credit each semester

A continuation of Web Design 1, Web Design 2 focuses on advanced techniques for communicating a message via the web. These techniques include vector animation, templates and forms, applying spry menus and other behaviors. College credit is available through an articulation agreement with St. Louis Community College.

037590

Multimedia

Infinite Campus Name: MULTIMEDIA

Grade(s): 09 - 12

Prerequisite: Intro to Computer Tech

1/2 CTE credit each semester

This course provides the skills needed to create high quality video content for today's world. Students will learn the phases of video production, effective use of a camcorder, video editing techniques, and application of video effects using industry software. This course is project oriented allowing students to develop creative thinking skills while producing unique video. This course will prepare students for the workplace or further education by developing their skills in the latest software and making multimedia products that could be included in a personal portfolio.

037290

Multimedia 2: Digital Production

Infinite Campus Name: MULTIMEDIA2

Grade(s): 09 - 12

Prerequisite: Multimedia

1/2 CTE credit each semester

This course is going to build upon the skills learned in Multimedia but will go much deeper into the focus on production. Students will learn about pre-production considerations and production techniques that were not learned before. Areas of focus will include: video space, time, composition, language, sound and communication, program planning and development, camera systems and operations, lighting tools, design and applications and audio. Also included will be a focus on directing and on new tricks in video editing.

BUSINESS

037400

Fundamentals of IT / Computer Maintenance

Infinite Campus Name: IT COMPUT MAIN

Grade(s): 09 - 12

Prerequisite: None

1/2 CTE credit each semester

In this introductory course, you will learn the basics of computer hardware, software, networking, troubleshooting, and emerging technologies. You will learn about configuring operating systems, file and folder management, networks and network configuration, and the role of the OSI model in networking and troubleshooting. Through presentations, demonstrations, and knowledge-based exercises, you will gain a fundamental understanding of local and wide area network technologies and protocols, web browsers, identifying security risks and troubleshooting errors, and system maintenance. You will also learn about cutting-edge technologies such as cloud computing and green IT. This course will also prepare you for the CompTIA Strata IT Fundamentals certificate exam and also serves as launch pad for taking other IT courses, such as A+ Computer Maintenance, Network+, & Computer Science.

037310

Introduction to Computer Science

Infinite Campus Name: INT COMP SCI

Grade(s): 09 - 12

Prerequisite: None

1/2 CTE credit each semester

This course is designed to provide students with a solid introduction to programming language. The course will provide students with a base of fundamentals in software development. Emphasis is placed on the development of problem solving algorithms and logic. Students learn to develop real life applications that involve the prerequisite to the AP Computer Science course.

037320

Computer Science: Application Design and Development

Infinite Campus Name: COMPUTER APP DESIGN & DEVT

Grade(s): 09 - 12

Prerequisite: Intro to Computer Science

1/2 CTE credit each semester

Learn the basics of app design, and take the first step on your journey to becoming an app developer! This course is designed for students who are new to programming, and want to learn how to build applications. A basic background in Java programming is recommended. Your experience and knowledge gained in the Intro to Computer Science course will provide a strong foundation for developing an

application. If you love being creative, learning to code, and using technology, then you're our perfect target student! By the end of the course, you'll build a fully functioning, yet powerful, application that can be shared with others. In summary, this course lays the foundation for people who want to better understand the overall role of an application developer and become a skilled creator, not just a consumer, of technology.

039321/039322

AP Computer Science A

Infinite Campus Name: +AP COMP SCI

Grade(s): 11 - 12

Prerequisite: Intro to Computer Science

1/2 CTE credit each semester

The major emphasis of this course is on programming methodology, algorithms, data structures, and object oriented programming. Computer applications are used to develop student awareness of the need for these topics, as well as to provide topics for individual programming assignments. This course prepares students to take the College Board Advanced Placement Computer Science A examination. A weighted grade is given.

039251/039252

AP Computer Science Principles

Infinite Campus Name: +AP COMPUTER SCI PRINCIPLES

Grade(s): 09 - 12

Prerequisite: None

1/2 CTE credit each semester

Computer Science Principles (CS Principles) curriculum is a full-year, rigorous, entry-level course that introduces high school students to the foundations of modern computing. The course covers a broad range of foundational topics such as programming, algorithms, the internet, big data, digital privacy and security, and the societal impacts of computing. A weighted grade is given.

047751/047752

Marketing 1

Infinite Campus Name: MARKETING 1

Grade(s): 10 - 12

Prerequisite: None

1/2 CTE credit each semester

Marketing 1 introduces the student to the field of marketing. Students will know the principles of marketing which include product, price, place and promotion. Students will be able to apply the principles of marketing to develop marketing strategies and plans in a global marketplace. This course will offer a competitive edge to students pursuing a marketing career and/or a business

BUSINESS

major in college. Course work includes individual and group projects, guest speakers, field trips, leadership activities, business, and community involvement.

047761/047762

Marketing 2

Infinite Campus Name: MARKETING 2

Grade(s): 11 - 12

Prerequisite: Marketing 1 or Consent of Coordinator
1/2 CTE credit each semester

This course is designed to provide an in-depth study in the principles of marketing. Students will be able to develop a marketing plan and explain how external factors influence marketing decisions. Students will have the opportunity to participate in class projects that are designed to encourage decision-making and personal leadership development. Students may register through Missouri State University to receive college credit for this course.

037661/037662

Entrepreneurship: Virtual Enterprise International

Infinite Campus Name: ENTREPRENEURSHIP: VIRT ENT INT

Grade(s): 10 - 12

Prerequisite: 1.0 credits in business education courses
1/2 CTE credit each semester

Virtual Enterprises International (VEI) is an in-school entrepreneurship program and global business simulation that draws on the European tradition of apprenticeships, transforming students into business professionals with an entrepreneurial mindset by bringing the workplace into the classroom. Students learn about business by doing business with coaching from industry professionals. Open to all students, VEI empowers and motivates participants to develop a range of academic, business, technology and professional skills that prepare them for success in postsecondary education, employment and the community. The VEI Approach uses a student-centered focus that emphasizes project-based collaborative learning. VEI replicates the functions and demands of real businesses in both structure and practice. With the guidance of a teacher-facilitator and a business partner, VEI students establish and manage a virtual company, conducting business with other "firms" domestically and internationally. Students are involved in all aspects of running the business, including human resources, accounting, product development, production, distribution, marketing, and sales. Guided by a task-based curriculum rather than a textbook, VEI students produce the key deliverables that are required in a real business. Students are assigned to work in different departments, typically Administration,

Accounting/Finance, Sales, Marketing, Human Resources and IT. The class selects a CEO and managers who oversee each department. Working in teams to make decisions about how to complete their departmental tasks in support of company goals and objectives, students learn from both their successes and mistakes.

037701/037702

Business, Marketing and Information Technology Internship

Infinite Campus Name: BUS MKT INFO TECH INT 1

Grade(s): 12

Prerequisite: Senior Standing. Student must provide their own transportation and have successfully completed one credit within business, marketing or info tech. It is suggested that students concurrently enroll in a business, marketing or info tech course.
1/2 CTE credit each semester

037741/037742

Business, Marketing and Information Technology Internship

Infinite Campus Name: BUS MKT INFO TECH INT 2

Grade(s): 12

Prerequisite: Senior Standing. Student must provide their own transportation and have successfully completed one credit within business, marketing or info tech. It is suggested that students concurrently enroll in a business, marketing or info tech course.
1/2 CTE credit each semester

This business, marketing and information technology internship opportunity is a collaborative learning experience between you, a company or organization, and your high school. In this program, you will work for the company and spend time researching and analyzing an industry. The internship program can offer valuable insight into a particular field. The internship program is a proven way to gain relevant knowledge, skills, and experience while establishing important connections in the field. This program can lead to increased levels of clarity when declaring a college major or pursuing work after high school.