

Accounting & Management

Introduction to Business
Personal Finance+
Accounting 1
Business Management
Business, Marketing and Information Technology
Internship**

Digital Media

Introduction to Computer Technologies
Web Design
Multimedia
Digital Animation
Business, Marketing and Information Technology
Internship**

Business & Technology Department



Information Technology

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

Marketing

Introduction to Business
Marketing 1
Marketing 2**+
Business Management
Business, Marketing and Information Technology
Internship**

**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.

037310

Introduction to Computer Science

Infinite Campus Name: **INT COMP SCI**

Grade(s): 9 - 12

Prerequisite: None

1/2 CTE (**or Math) 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.

*** This course may be taken for high school math credit; however, some colleges/universities will not accept computer science courses as a way to fulfill their admissions requirements. If a student wishes to take this course for high school math credit, the student and parent/guardian will be asked to sign a form acknowledging

BUSINESS

that the credit may not satisfy college/university admissions standards. Students may utilize up to 1.0 credit of district-approved computer science courses to fulfill high school graduation requirements.

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.

037490

Digital Animation

Infinite Campus Name: **DIGITAL ANIMATION**

Grade(s): 9 - 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

Infinite Campus Name: **WEB DESIGN**

Grade(s): 09 - 12

Prerequisite: None

1/2 CTE credit each semester

Web Design 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.

BUSINESS

037590

Multimedia

Infinite Campus Name: **MULTIMEDIA**

Grade(s): 09 - 12

Prerequisite: None

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.

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.

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.

BUSINESS

037400

Fundamentals of IT / Computer Maintenance

Infinite Campus Name: **IT COMPUT MAIN**

Grades(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 Comp TIA Strata IT Fundamentals certificate exam and also serves as launch pad for taking other IT courses, such as A+ Computer Maintenance, Network+, & Computer Science

039251/039252

AP Computer Science Principles

Infinite Campus Name: **+AP COMPUTER SCI PRINCIPLES**

Grade(s): 09 - 12

Prerequisite: None

1/2 CTE(*** or Math) 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.

*** This course may be taken for high school math credit; however, some colleges/universities will not accept computer science courses as a way to fulfill their admissions requirements. If a student wishes to take this course for high school math credit, the student and parent/guardian will be asked to sign a form acknowledging that the credit may not satisfy college/university admissions standards. Students may utilize up to 1.0 credit of district-approved computer science courses to fulfill high school graduation requirements.

039321/039322

AP Computer Science A

Infinite Campus Name: **+AP COMP SCI**

Grade(s): 11 - 12

Prerequisite: Intro to Computer Science

1/2 CTE (*** or Math) 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.

BUSINESS

*** This course may be taken for high school math credit; however, some colleges/universities will not accept computer science courses as a way to fulfill their admissions requirements. If a student wishes to take this course for high school math credit, the student and parent/guardian will be asked to sign a form acknowledging that the credit may not satisfy college/university admissions standards. Students may utilize up to 1.0 credit of district-approved computer science courses to fulfill high school graduation requirements.

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 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.

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

BUSINESS

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.

037741/037742

Business, Marketing and Information Technology Internship

Infinite Campus Name: **BUS MKT INFO TECH INT 2**

Grade(s): 12

Prerequisite: Senior Standing. Students 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.