

BUSINESS

Exploratory Courses

INTRODUCTION TO BUSINESS (4518)

Classification: Regular

Prerequisite: None

Open to: 9, 10

Credit: 1 RW

Introduction to Business introduces students to the world of business, including the concepts, functions, and skills required for meeting the challenges of operating a business in the twenty-first century on a local, national, and/or international scale. The course covers business management, entrepreneurship, marketing fundamentals, and business ethics and law. The course develops business vocabulary and provides an overview of business and the role that business plays in economic, social, and political environments.

INTRODUCTION TO COMPUTER SCIENCE (4803)

Classification: Regular

Prerequisite: None

Open to: 9, 10

Credits: 1 RW

Introduction to Computer Science allows students to explore the world of computer science. Students will gain a broad understanding of the areas composing computer science. Additionally, there is a focus on the areas of computer programming, gaming/mobile development, and artificial intelligence/robotics.

INTRODUCTION TO ENTREPRENEURSHIP (5967)

Classification: Regular

Prerequisite: None

Open to: 9, 10

Credit: 1 RW

Introduction to Entrepreneurship provides an overview of what it means to be an entrepreneur. Students will learn about starting and operating a business, marketing products and services, and how to find resources to help in the development of a new venture. This course is ideal for students interested in starting their own art gallery, salon, restaurant, etc.

BUSINESS LAW AND ETHICS I-1, I-2 (4560)

Classification: Regular

Prerequisite: None

Open to: 11, 12

Credit: 1 or 2 RW: Dual Credit

***Students will have the opportunity to earn dual credit through Ivy Tech Community College as long as they meet the Ivy Tech requirements and complete both semesters.*

Business Law and Ethics provides an overview of the legal system in the business setting. Topics covered include: basics of the judicial system, contract, personal, employment and property law. Application of legal principles and ethical decision-making techniques are presented through problem-solving methods and situation analyses. Students incorporate law-related current events and pertinent legal cases in their work. Real-world applications of the law are also emphasized.

DIGITAL APPLICATIONS AND RESPONSIBILITY 1 (4528)

Classification: Regular

Open to: 9, 10, 11, 12

Credit: 1 RW

Digital Applications and Responsibility students use Microsoft Office 2019 to create documents applicable to home and school. These applications will apply to academic and workplace tasks. *DAR* helps students develop efficient and practical computer skills beyond the basics which they may have learned at home or middle school. Students also learn appropriate and effective use of the Internet. This course meets the technology requirement for graduation.

DIGITAL APPLICATIONS AND RESPONSIBILITY 2 (4528)

Classification: Regular

Prerequisite: Digital Applications and Responsibility 1

Open to: 9, 10, 11, 12

Credit: 1 RW Dual Credit

***Students will have the opportunity to earn dual credit through Ivy Tech Community College as long as they meet the Ivy Tech requirements.* This course, along with the successful completion of *DAR 1*, will allow qualified students to apply for three (3) Ivy Tech credits.

In Digital Applications and Responsibility 2 students learn advanced Microsoft Office 2019 (Word, Excel, PowerPoint and Access) skills to strengthen their computer and problem-solving skills. Students will be given the opportunity to seek an industry-recognized digital literacy certifications (MOS Certification) for Word 2019, Excel 2019, Access 2019 and PowerPoint 2019.

Finance Courses

PERSONAL FINANCIAL RESPONSIBILITY (4540)

Classification: Regular

Prerequisite: None

Open to: 11, 12

Credit: 1 RW

Personal Financial Responsibility addresses the identification and management of personal financial resources to meet the financial needs and wants of individuals and families, considering a broad range of economic, social, cultural, technological, environmental, and maintenance factors. This course helps students build skills in financial responsibility and decision making; analyze personal standards, needs, wants, and goals; identify sources of income, saving and investing; understand banking, budgeting, record-keeping and managing risk, insurance and credit card debt.

GLOBAL ECONOMICS (4558)

Classification: Regular

Prerequisite: None

Open to: 11, 12

Credit: 1 RW

Global Economics is a business course that provides students with an understanding of their role as consumers and producers in domestic and global economies. This course enables students to understand how the economic system operates while comprehending their role in that system. Students deal with public policy, international economics, microeconomics, and macroeconomics in comparing economic systems and using selected economic measures. This satisfies the required economics credit needed for graduation.

INTRODUCTION TO ACCOUNTING 1, 2 (4524)

Classification: Regular

Prerequisite: None

Open to: 10, 11, 12

Credit: 2 RW: Dual Credit

***Students will have the opportunity to earn dual credit through Vincennes University as long as they meet the Ivy Tech requirements.*

Accounting introduces the language of business using Generally Accepted Accounting Principles (GAAP) and procedures for proprietorships and partnerships using double-entry accounting. Emphasis is placed on accounting principles as they relate to both manual and automated financial systems. This course involves understanding, analyzing, and recording business transactions and preparing, analyzing, and interpreting financial reports as a basis for decision-making. First semester begins with bookkeeping concepts and then bridges those skills into concepts and principles of accounting. Students are exposed to the accounting cycle and banking practices for a service oriented business. Second semester students will study accounting and payroll systems and subsystems utilizing journals, ledgers, and financial statements for a merchandising business.

ADVANCED ACCOUNTING 1, 2 (4522)

Classification: Regular

Prerequisite: Introduction to Accounting

Open to: 11,12

Credit: 2 RW

Advanced Accounting expands on the Generally Accepted Accounting Principles (GAAP) and procedures for proprietorships and partnerships using double-entry accounting covered in Introduction to Accounting. Emphasis is placed on accounting principles as they relate to both manual and automated financial systems. This course involves understanding, analyzing, and recording business transactions and preparing, analyzing, and interpreting financial reports as a basis for decision-making.

Management Courses

BUSINESS MANAGEMENT STANDARD LEVEL, INTERNATIONAL BACCALAUREATE (4582)

Classification: International Baccalaureate

Prerequisite: None

Open to: 11 and 12

Credit: 2 FW

The course covers the key characteristics of business organization and environment and the business functions of human resource management, finance and accounts, marketing and operations management. Links between the topics are central to the course. Through the exploration of six underpinning concepts (change, culture, ethics, globalization, innovation and strategy), the course allows students to develop a holistic understanding of today's complex and dynamic business environment. The conceptual learning is firmly anchored in business management theories, tools and techniques and placed in the context of real world examples and case studies. The course encourages the appreciation of ethical concerns at both a local and global level. It aims to develop relevant and transferable skills, including the ability to: think critically; make ethically sound and well-informed decisions; appreciate the pace, nature and significance of change; think strategically; and undertake long term planning, analysis and evaluation. The course also develops subject-specific skills, such as financial analysis. *Approximate student fee: SL1-\$34.87 SL2-\$17.90* Students are encouraged to take the IB SL exam.

BUSINESS MANAGEMENT HIGHER LEVEL, INTERNATIONAL BACCALAUREATE 1-4 (4580)

Classification: International Baccalaureate

Prerequisite: None

Open to: 11,

Credit: 2 FW each year, two year program

Business Management Higher Level, International Baccalaureate is a two year program that begins junior year. Students will explore how and why individuals form organizations, organizational problems and life cycles, and the role of individuals and groups within organizations. It is based on the curriculum published by the International Baccalaureate Organization. Students gain a broad understanding of the variety of organizations that exist, including profit and non-profit, and will examine and apply the principles of organizations and the techniques practiced in organizational decision making. Students also develop an understanding of the interdependency of organizations and the effect on problem solving. *Note: This course aligns with course offerings for Group 3 for the IB diploma.* Curriculum and assessments within this course are designed to prepare students for International Baccalaureate's evaluation of their work. While it is not required that students take the IB exam, students will be prepared for that end goal.

Advanced CTE College Credit: ACP BUS X100 (6142)

Classification: Career Technical

Prerequisite: None

Open to: 11, 12

Credit: 1 RW

This course studies business dynamics from the standpoint of the manager of a business firm operating in the contemporary economic, political, and social environment. *Students must be eligible for admission to Indiana University in order to be admitted to this course. Regular university fees will be charged, and credits are transferable to most colleges and universities in the country. You must pay the fees to take the course.*

Marketing Courses

PRINCIPLES OF MARKETING 1 & 2 (5914)

Classification: Career Technical

Prerequisite: None

Open to: 10, 11, 12

Credit: 2 RW

Principles of Marketing provides a basic introduction to the scope and importance of marketing in the global economy. Emphasis is placed on oral and written communications, mathematical applications, problem solving, and critical thinking skills as they relate to advertising/promotion/selling, distribution, financing, marketing- information management, pricing, and product/service management. Competitive activities are provided for students to exercise skills and knowledge gained in the program through the co-curricular organization DECA. Students are expected to participate in DECA.

MERCHANDISING 1 & 2 (5962)

Classification: Career Technical

Required Prerequisite: Principles of Marketing

Open to: 11, 12

Credit: 2 RW

Merchandising is a specialized marketing course providing instruction of marketing practices that support the sale of products to retail consumers. Emphasis is placed on oral and written communication, problem solving and critical thinking skills as they relate to product design, selling, pricing, distribution, retail promotion, visual merchandising, retail cycles, retail theories, and career opportunities in the retail industry.

Information Technology Courses

COMPUTER SCIENCE 1-2 (4801)

Classification: CTE

Recommended Prerequisites: Algebra I

Open to: 9, 10, 11, 12

Credits: 2 FW

Computer Science I introduces the structured techniques necessary for the efficient solution of business related computer programming logic problems and coding solutions into a high-level language. The fundamental concepts of programming are provided through explanations and effects of commands and hands-on utilization of lab equipment to produce accurate outputs. Topics include program flow-charting, pseudo coding, and hierarchy charts as a means of solving problems. The course covers creating file layouts, print charts, program narratives, user documentation, and system flowcharts for business problems; algorithm development and review, flowcharting, input/output techniques, looping, modules, selection structures, file handling, control breaks, and offers students an opportunity to apply skills in a laboratory environment.

COMPUTER SCIENCE A 1-2, AP (4570)

Classification: Advanced Placement

Prerequisites: Algebra I and Algebra II or Algebra I, Computer Science I

Open to: 10, 11, 12

Credits: 2 FW

Computer Science A assumes that the student has had prior programming experience. Students solve programming problems by planning, entering, and debugging solutions using the Java language. Topics covered include: syntax, loops, methods, control structures, repetition tools, and simple data structures including arrays. The course follows the syllabus of the Advanced Placement (AP) Computer Science, a curriculum as prescribed by the College Board guidelines. Students may elect to take the AP Computer Science A Exam administered in May at their own expense.

COMPUTER SCIENCE PRINCIPLES, AP(4568)

Classification: Advanced Placement

Prerequisite: Algebra I

Recommended: Intro to Computer Science

Open to: 10, 11, 12

Credit: 2 FW

Computer Science Principles introduces students to the central ideas of computer science, instilling the ideas and practices of computational thinking and inviting students to understand how computing changes the world. The rigorous course promotes deep learning of computation content, develops computational thinking skills, and engages students in the creative aspects of the field. Students may elect to take the AP Computer Science Principles Exam administered in May at their own expense.

COMPUTER SCIENCE III: PLTW CYBERSECURITY (5261)

Classification: PLTW, Full Weight

Prerequisites: Computer Science I or AP Computer Science Principles

Open to: 10, 11, 12

Credit: 2 FW

The design of the course exposes high school students to the ever growing and far reaching field of cybersecurity. Students accomplish this through problem based learning, where students role-play as cybersecurity experts and train as cybersecurity experts do. PLTW Cybersecurity gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially, "outside-the-box" thinking. Students explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information security. The course contains the following units of study: Personal Security, System Security, Network Security, and Applied Cybersecurity.

INFORMATION TECHNOLOGY SUPPORT 1 & 2 (5230)

Classification: Regular

Recommended Prerequisite: Digital Applications and Responsibility

Open to: 9, 10, 11, 12

Credit: 2 RW, Dual Credit

***Students will have the opportunity to earn dual credit through Ivy Tech Community College as long as they meet the Ivy Tech requirements.*

Information Technology Support allows students to explore how computers work. Students learn the functionality of hardware and software components as well as suggested best practices in maintenance and safety issues. Through hands-on activities and labs, students learn how to assemble and configure a computer, install operating systems and software, and troubleshoot hardware and software problems.

WEB DESIGN (4574)

Classification: Regular

Required Prerequisite: Digital Applications and Responsibility

Open to: 10, 11, 12

Credit: 1 RW

This course is designed to give students a background in beginning web page design. Students will understand the purpose of the Internet, the various services available and methods of accessing the Internet. Design features, functions and considerations in designing web pages will be introduced. By utilizing various web browsers and search engines, students will evaluate web pages for content and design. Various web page-authoring software will be used as well as beginning HTML to create the web pages. This course would give students an advantage in the business world or college in designing web pages.

Career Experiences

CTSO (Career and Technical Student Organization) LEADERSHIP DEVELOPMENT IN ACTION—MANAGER (5237)

Classification: Regular

Prerequisites: Principles of Marketing or IB Business Management 1-2, application, interview and instructor approval required.

Open to: 11, 12

Credits: 1 credit per semester, up to 4 semesters, 4 credits maximum FW

Leadership Development in Action is a project-based course in which students integrate higher order thinking, communication, leadership, and management processes to conduct DECA *leadership projects at the local, state, or national level*. Each student will create a vision statement, establish standards and goals, design and implement an action plan and timeline, reflect on accomplishments, and evaluate results. Achievement will be documented through a required student portfolio. Students are required to 1) Participate in DECA and 2) act as DECA and Carmel Café Management in an assigned role.

Work Based Learning Capstone (5974)

Classification: Career-Technical

Prerequisite: Completed an advanced course in career related field of interest

Open to: 12

Credit: Up to 4 credits RW

Students have the opportunity to apply the concepts, skills, and dispositions learned in previous coursework in their pathways in real world business and industry settings. Work Based Learning experiences need to be in a closely related Career and Technical industry setting. Each student participating in a Work Based Learning experience will have a standards-based training plan. Student plans will be a combination of teacher-coordinated, mentor-supervised, work-based learning and school-based instruction.