

**BI 1203** 3.0

Intro Life Science

A study of fundamental biological concepts, with emphasis on human biology. Topics include: the cell, the chemistry of life, the structure and function of human organ systems, genetics, ecology, and evolution.

HOT,LPS

Prerequisite: None

**BU 1003** 3.0

Intro to Business

A survey course designed to give the student a general knowledge of the modern business world and a better basis for choosing concentrated business offerings.

Prerequisite: None

**BU 1013** 3.0

Prin of Marketing

This course offers an overview of how marketing has changed due to the rise of social media and how businesses have adapted. The emphasis of this course is to address the fundamental principles in relation to the broader concepts of business strategy and its relationship to social media marketing, and how to track their effectiveness. Students will explore today's business-to-business and business-to-consumer interactions, which challenge the traditional methods of implementing the universal principles of marketing.

Prerequisite: None

**CS 1003** 3.0

Microcomputer Appl

A course designed to develop skills to use microcomputers to manage information. The student will complete in depth hands-on assignments using application software in spreadsheets, database management, word processing, presentations, and the operating system. These assignments will develop students' ability to locate, organize, store, retrieve, evaluate, synthesize, and annotate information from print, electronic, and other sources in preparation for solving problems and making informed decisions. Keyboarding skills are recommended.

Prerequisite: None

**CS 1013** 3.0

Survey of Computers&Information Systems

This course is an introduction to the tools for managing information. In this course students will build their knowledge of key technology concepts, including the functions of the Internet and Web, computer systems and applications, and the range of ethical issues that continue to emerge in our global, technology-driven society. An information system includes people, procedures, hardware, software, and data. These components are used to develop students' ability to locate, organize, store, retrieve, evaluate, synthesize and annotate information from print, electronic, and other sources in preparation for solving problems and making informed decisions. The students will complete hands-on introduction to managing information using applications software for word processing, presentations, spreadsheets, and database management. Keyboarding skills are recommended.

Prerequisite: None

**EN 1223**

3.0

## English Comp I

English Composition I is designed to improve students critical thinking, reading, and writing skills. Emphasis is on the writing process and practice of textual analysis to produce academic essays. Comp I also addresses the fundamentals of argument, research and documentation.

Prerequisite: Students must have tested into English Composition I (ACT 18 or greater OR Accuplacer score 80 or higher OR challenge writing sample score of 4 or better) OR successful completion of **EN 0133** (C or better) AND students must have met the college reading readiness score of (18 or better ACT OR 80 or better on Accuplacer Reading or challenge Nelson Denny score of 6 or higher) OR successful completion of **EN 0203** (C or better).

**ES 1023**

3.0

## Intro Environmental Science

Introduction to Environmental Science is a survey course integrating a wide variety of scientific disciplines that provides students with a foundation in the basic principles and unifying concepts of Environmental Science, and provides an awareness of the importance of the earth's systems in their daily life. Topic selection will derive from the major themes of modern environmental science: Basic life and physical science as it relates to the environment, ecological principles, earth materials & land forms, weather and climate, sustaining biodiversity, natural resource usage, maintaining environmental quality, the interrelationships of humans with the natural world, and environmental changes and the scientific method for studying environmental issues; and the application of critical thought to contemporary environmental issues via structured online discussion forums from which 40% of the course grade will be derived. HOT, GLB, LPS  
Prerequisite: Minimum grade of "C" in **MT 1303** or **MT 1083** and appropriate placement test score to reflect college level reading or placement into **MT 1403** and appropriate placement test score to reflect college level reading.

**HS 1003**

3.0

## Nutrition

A study of the essential nutrients and their value in various food groups, their functions in the body, and how to determine the food needs of the individual.

Prerequisite: Appropriate placement score to enter **EN 1223** or **EN 1233**

**MT 1403**

3.0

## College Algebra

College Algebra is designed to meet the needs of the student wishing to satisfy the general education math requirement or planning to enroll in additional mathematics courses. Topics covered in **MT 1403** include: functions, domain, range, complex numbers, logs and exponents, polynomials, rational expressions, radicals, solving equations and inequalities, graphing equations and inequalities. The use of the graphing calculator and its application to the topics of College Algebra will be illustrated. HOT, MAI, MTH  
Prerequisite: **MT 1303**; minimum grade C or successful placement scores into **MT 1403**. Graphing calculator required.

### **MU 1503**

3.0

#### World Music

An introduction to the music of the world's cultures, emphasizing their diversity and the uniqueness of each.

Recommended for non-music majors. GLB, VAL, HFA

Prerequisite: None

### **PS 1203**

3.0

#### US Govt I:Nat&State

An introduction to the basic principles and structures of American, national, state, and local governments.

Emphasis will be placed upon the federal system; constitutional development and interpretation; civil liberties; political parties; the executive, legislative, judicial branches; and federal administrative agencies. **PS**

**1203** complies with the provisions of Section 170.011 RsMO requiring the study of state and federal constitutions. Students enrolling in their first Social Studies core course (**HI 1103**, **HI 1203**, **HI 1303**, **PS 1103**, **PS 1203** or **PS 1303**) at ECC who have not met the constitutions requirement will be required to enroll in **HI 1000/PS 1000** Constitutions Study Module. Successful completion of the U.S. and MO constitution exams for students enrolled in the module is a course requirement for all Social Studies core courses, and students who do not pass the module exams will not receive credit for that course. Students who have fulfilled the competency requirement are not required to enroll in **HI 1000/PS 1000** again. Students who successfully completed the constitution study requirement prior to Fall 2010 need not enroll in the module. HOT, VAL, SBS, CON

Prerequisite: Appropriate coursework or placement scores into EN\*1223 or EN\*1233 Pre/Corequisite: **PS 1000**

### **SO 1103**

3.0

#### General Sociology

An introductory course in the field of sociology with special emphasis on the scientific study of social relations, social organizations, social institutions, and social dynamics. VAL, GLB, SBS

Prerequisite: None