

## **Concurrent Enrollment**

Advised: Check with your specific college about transfer credits.

### **Concurrent Enrollment: Language Arts**

ENG105 Composition I (3 credits IHCC)

Semester Long: 11-12

FHS Course # 1083C College Writing 1

This course emphasizes competent writing skills, focusing primarily on expository and analytical writing. Particular attention is given to rhetorical modes and to the analysis of social issues and/or literary works. Students will write four to six 500-1000 word essays. Instruction also includes clarity, punctuation, and style.

ENG106 Composition II (3 credits IHCC)

Semester Long: 11-12

FHS Course #1084C College Writing 2

Prerequisite: ENG105 Composition I (FHS #1080C – College Writing 1)

This course introduces the student to the process of research writing using the Modern Language Association documentation style. A thesis-driven report paper and a thesis-driven argumentative essay, both documented in MLA style, will demonstrate the student's proficiency with the research process.

SPC112 Public Speaking (3 credits IHCC)

Semester Long: 9-12

FHS Course #0000 IHCC Public Speaking

Prerequisite: None

IHCC Public Speaking is designed to help the student improve in speaking ability and ease of expression through a wide variety of speech presentations while meeting the rigorous standards as established by IHCC for alignment with community college standards and collegiate expectations. This course focuses on basic communication. This includes the communication process, self-concept, self-disclosure, perception, language, listening, non-verbal messages, interpersonal relationships, small group communication, inter-cultural relations, and public speaking.

Introduction to Literature (3 credits IHCC)

Semester

Long 11-12

FHS Course #101C IHCC American Lit

This course surveys the basic literary genres. Emphasis is on analysis of fiction, poetry and drama. The student will be expected to read and think critically about literature and to be familiar with basic literary terminology.

**Concurrent Enrollment: Career Technology**

CSC110 Introduction to Computers (3 credits IHCC)

FHS Course # 0303C Intro to Computers

Semester Long: 9-12

This course is an introduction to business computer software and hardware. Students will use basic and intermediate features of word processing and spreadsheet software, and basic features of database and presentation software. General computer concepts and the Internet will also be covered.

CSC130 Business Computer Software (3 credits IHCC)

Semester Long: 10-12-offered on a triennial schedule. Check with counselors

FHS Course#: 0312 Business Computer Software

Prerequisite: Successful completion of Computer Applications I or instructor permission

This course uses projects to focus on business use of computer systems and application software. Topics include the internet as a business resource, Web Page Design and creation, desktop publishing, presentation software, and software integration.

Course CIS 604 Visual Basic (3 credits IHCC)

Semester Long: 10-12

FHS Course #: 0332 Programming II

Prerequisite: Successful completion of Programming 1 with a "B" or better

This course is a continuation of Programming 1. Students will continue to code applications using Visual Basic and will learn advanced coding techniques. Students will also read and report on articles related to computers in computer journals and magazines.

CON276 Construction Technology I (3 credits IHCC)

Year Long: 11-12

FHS Course CON276 Construction Technology I

This course is designed to introduce students to the fundamental vocabulary, terms, and concepts to begin a career in carpentry. Beginning with tools and plan reading, this course will then study framing fundamentals with some attention given to concrete and reinforcement, fasteners, adhesives, and engineering products.

CON197 Construction Lab I (6 credits IHCC)

Year Long: 11-12

FHS Course CON197 Construction Lab I

Corequisite: CON276 Construction Tech I

Students will apply knowledge gained in classroom studies to practical applications on a construction project. Daily participation using hand and power tools and personal safety equipment will be required.

CON277 Construction Technology II (3 credits IHCC)

Year Long: 11-12

FHS Course CON277 Construction Technology II

Prerequisite: CON276 Construction Tech I and CON197 Construction Lab I

This course is designed to familiarize students with fundamental vocabulary terms, and concepts to begin a career in carpentry. This course covers the principles of wall and ceiling framing, roof framing, and basic stair construction. Installation and design factors for windows and doors will also be studied.

CON198 Construction Lab II (6 credits IHCC)

Year Long: 11-12

FHS Course CON198 Construction Lab II

Prerequisite: CON276 Construction Tech I and CON197 Construction Lab I

Corequisite: CON277 Construction Tech II

Students will apply knowledge gained in classroom studies to practical applications on a construction project. Daily participation using hand and power tools and personal safety equipment will be required.



**Concurrent Enrollment: Pre-Engineering**

Intro to Engineering Design (3 credits Project Lead the Way)

FHS Course #0801-0802 (I.E.D.)

Pre/Co-requisite: Algebra I

Year

Long: 9-12

This is a course that teaches problem-solving skills using a design development process. Models of product solutions are created, analyzed, and communicated using solid modeling computer design software (AutoDesk Inventor). Students learn how to solve problems using a design development process. Portfolios are created and include topics such as sketching and visualization, geometric relationships, 3-D modeling, model analysis and verification, documentation, production and marketing. It is a course for students who are considering a career in engineering/engineering technology.

Principles of Engineering (3 credits Project Lead the Way)

FHS Course #0803-0804 (P.O.E.)

Pre/Co-requisite: Intro to Engineering Design

Year Long:

9-12

This course uses student activities, projects, and problems to explore the wide variety of careers in engineering and technology and examine various technological systems and manufacturing processes. In addition, exploration of the social and political consequences of technological change is involved.

Digital Electronics (3 credits Project Lead the Way)

FHS Course #0805-0806

Pre/Co-requisite: Algebra I

Year

Long: 9-12

Digital Electronics is based on the principles and laws of traditional electronics and electrical theory. This course is the study of electronic circuits that are used to process and control digital signals.