

TO: Parents/Guardians and Students

FROM: Mr. Darren Sirianni, Principal
East Dubuque High School

RE: Schedule Changes

This course description book has been written with the intent of assisting you in making informed choices regarding your academic course selections. If you have any questions or require additional information, please feel free to contact the guidance counselor, appropriate teacher, or me. Although every effort will be made to accommodate your class requests, courses with a registration count of fewer than twelve may be dropped for the school year at the discretion of the administration.

We ask that you take great care and deliberation in completing your schedule requests. Creating a master schedule is a time-consuming process. Based upon students' requests for courses, consideration is given to:

- The classes that we offer;
- The number of sections of each class;
- The balancing of students' schedules;
- The ordering of supplies;
- Teaching assignments.

For these reasons and others, students are responsible for the classes they request.

Schedule changes may only be requested for the following reasons:

1. To correct a computer or clerical error.
2. To make an ability level change as requested by a teacher.
3. Changes needed as a result of completion or failure of summer school courses.
4. Changes needed by seniors to satisfy graduation requirements.
5. Changes needed by seniors to satisfy college entrance requirements.

Students who choose to drop a class after the end of the previous semester for any reason other than those listed above will receive an F for the semester in that course. Students taking a year-long class may drop that class toward the end of the 1st semester and before the beginning of the 2nd semester only with the written consent of both the teacher and a parent/guardian.

Again, we ask that you take great care and deliberation in completing your schedule requests. If you have any questions after reviewing your course schedule, please sign up in the office to see the guidance counselor.

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REQUIREMENTS FOR GRADUATION

English Credits	Math Credits	Science Credits	Social Studies Credits	Physical Education Credits	Elective Credits (minimum)	Total Credits (minimum)	Graduation Service Hours
4 ½	3	2 ½	3	3	6	22	40

REQUIRED COURSES BY SUBJECT

English (4-1/2 years)

- 1 year English 9, English 9 Concepts, or English 9 Honors
- 1 year English 10, English 10 Concepts, or English 10 Honors
- 1 year English 11, English 11 Concepts, or English 11 Honors
- 1 year English 12, English 12 Concepts, or AP Literature and Composition
- 1 semester Speech (taken during the junior year)

Math (3 years)

- 1 year must be Algebra and 1 year must be a course that includes geometry content
- Courses include: Individualized Math, Pre-Algebra, Algebra 1, Algebra 1 Concepts, Geometry, Geometry Concepts, Algebra 2, Discrete Math, Pre-Calculus, and AP Calculus AB

Science (2-1/2 years)

- 1 year Physical Science or Physical Science Concepts
- 1 semester Health (taken during the freshman year)
- 1 year Biology or Biology Honors

Social Studies (3 years)

- 1 year World History or World History Concepts
- 1 year United States History or United States History Concepts
- 1 semester Government (taken during the senior year)
- 1 semester Consumer Education* (taken during the senior year)
- * Successful completion of *Introduction to Business* fulfills the state consumer education requirement.

Physical Education (6 semesters)

- 1 semester during the freshmen year; Health during the other semester
- 1 semester during the sophomore year; Driver's Education during the other semester
- 2 semesters during the junior and senior years

Elective Credits

- At least 1 year chosen from any of the following: art, music, foreign language, vocational education

Graduation Service

- 10 hours per school year

NOTE: Except for individualized classes, any course obtaining a registration count of fewer than twelve students may be dropped for the school year at the discretion of the administration.

OVERVIEW OF GRADUATION REQUIREMENTS

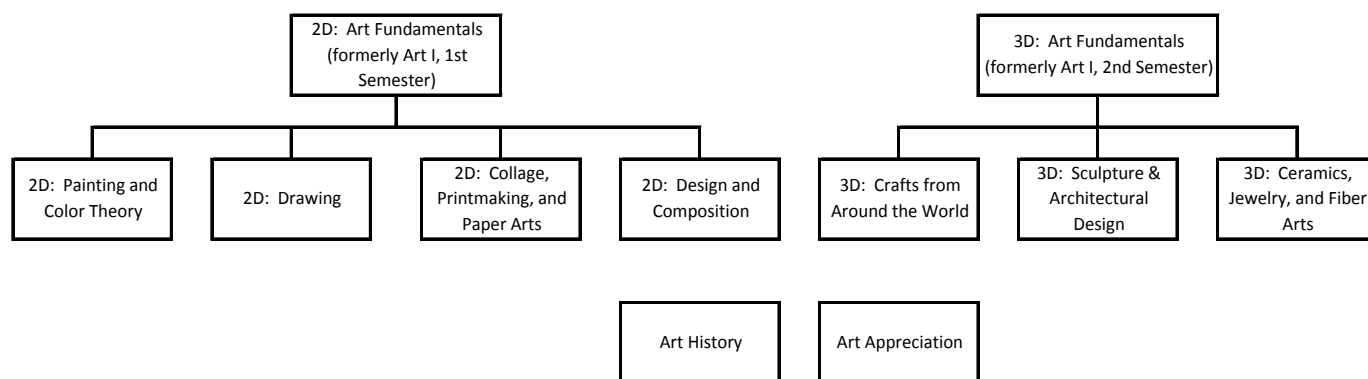
Total credits needed for graduation: 22
(A student will receive ½ credit for earning a passing grade in each semester course.)

Graduation service hours needed for graduation: 40

	FRESHMEN	SOPHOMORE	JUNIOR	SENIOR
English (4½ years)	English 9 English 9 Concepts English 9 Honors	English 10 English 10 Concepts English 10 Honors	English 11 English 11 Concepts English 11 Honors ----- Speech (1 semester)	English 12 English 12 Concepts AP Literature and Composition
Math (3 years)	Individualized Math Pre-Algebra Algebra 1 Geometry	Individualized Math Algebra 1 Concepts Algebra 1 Geometry Algebra 2	Individualized Math Geometry Concepts Algebra 2 Pre-Calculus	
Science (2½ years)	Physical Science Physical Science Concepts ----- Health (1 semester)	Biology Biology Honors		
Social Studies (3 years)		World History World History Concepts	U.S. History U.S. History Concepts	Government (1 semester) and Consumer Education (1 semester)
Physical Education	Physical Education (1 semester); Health (1 semester)	Physical Education (1 semester); Driver's Education (1 semester)	Physical Education Fitness	Physical Education Fitness
Elective				
Elective				
Elective				

ART

A flowchart for understanding vocational prerequisites and for planning sequential elective choices:



2D: Art Fundamentals

Course Number: 100201

Length/Credits: One semester/ ½ credit (1st Semester)

Prerequisite: None

Course Fee: \$10.00

State Course Title: Creative Art—Comprehensive

State Course Code: 05154A000

Creative Art—Comprehensive courses provide students with the knowledge and opportunity to explore an art form and to create individual works of art. These courses may also provide a discussion and exploration of career opportunities in the art world. Initial courses cover the language, materials, and processes of a particular art form and the design elements and principles supporting a work of art. As students advance and become more adept, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic styles. Although Creative Art courses focus on creation, they may also include the study of major artists, art movements, and styles.

This course will provide students with learning opportunities in drawing, painting, collage, and printmaking. This survey studio course is designed to teach students the elements and principles of art and the skills to use a variety of media for flat surface art. It will include introductory units in linear perspective, art history, and color theory. There will be a one hour drawing homework assignment due every week.

2D: Painting and Color Theory

Course Number: 100202

Length/Credits: One semester/ ½ credit

Prerequisite: Successful completion of Art Fundamentals in 2D

Course Fee: \$10.00

State Course Title: Creative Art—Painting

State Course Code: 05157A000

Creative Art—Painting courses cover the same topics as Creative Art—Drawing/Painting, but focus on painting. In keeping with this attention on two-dimensional work, students typically work with several media (such as watercolor, tempera, oils, acrylics, and so on), but some courses may focus on only one medium.

Students will work through a developed set of color projects; examine the difference between pigment and light color theory used in stage lighting and computer imaging; experience varied styles of painting and examine some of the artists who made them; and develop paintings using watercolor, pastels, and acrylic or oil, with a goal of developing a personal style.

2D: Drawing

Course Number: 100203

Length/Credits: One semester/ ½ credit

Prerequisite: Successful completion of Art Fundamentals in 2D

Course Fee: \$10.00

State Course Title: Creative Art—Drawing

State Course Code: 05156A000

Creative Art—Drawing courses cover the same topics as Creative Art—Drawing/Painting, but focus on drawing. In keeping with this attention on two-dimensional work, students typically work with several media (such as pen-and-ink, pencil, chalk, and so on), but some courses may focus on only one medium.

2D: Collage, Printmaking, and Paper Arts

Course Number: 100204

State Course Title: Printmaking

Length/Credits: One semester/ ½ credit

State Course Code: 05161A000

Prerequisite: Successful completion of Art fundamentals in 2D

Course Fee: \$10.00

Printmaking courses introduce students to a variety of printmaking techniques using processes such as relief printing (monoprint, collograph block); intaglio (etching and engraving); and perigraphy (silkscreen films, stencils, block-out). These courses emphasize design elements and principles and introduce art criticism as applied to fine art prints. Lessons may also include the historical development of printmaking in Western and non-Western cultures.

Students will design with found objects and incorporate them into paintings; try a variety of 2D mixed media; and use a variety of printing methods including silk screen and block printing. Paper arts may include paper quilting, making paper, photo-mosaics, and Eastern paper cutting.

2D: Design and Composition

Course Number: 100205

State Course Title: Printmaking/Graphics

Length/Credits: One semester/ ½ credit

State Course Code: 05160A000

Prerequisite: Successful completion of Art fundamentals in 2D

Course Fee: \$10.00

Printmaking/Graphics courses cover the same topics as Creative Art—Comprehensive courses, but focus on design principles, printmaking, and graphic design.

Students will learn to use various design theories and principles to create dramatic 2D art works in a variety of media.

3D: Art Fundamentals

Course Number: 100301

State Course Title: Creative Art—Comprehensive

Length/Credits: One semester/ ½ credit (2nd Semester)

State Course Code: 05154A000

Prerequisite: None

Course Fee: \$10.00

Creative Art—Comprehensive courses provide students with the knowledge and opportunity to explore an art form and to create individual works of art. These courses may also provide a discussion and exploration of career opportunities in the art world. Initial courses cover the language, materials, and processes of a particular art form and the design elements and principles supporting a work of art. As students advance and become more adept, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic styles. Although Creative Art courses focus on creation, they may also include the study of major artists, art movements, and styles.

This studio course is designed to teach students the skills to use clay and a variety of media for producing art in volume/mass. Other media(s) will include paper, paper Mache, plaster, soap, foam, cardboard, wood, and soapstone. For the first nine weeks, projects will be done in clay. The semester will begin with the craft of utilitarian ceramic and develop into sculpture. There will be some homework assignments.

3D: Crafts from Around the World

Course Number: 100302

State Course Title: Crafts

Length/Credits: One semester/ ½ credit

State Course Code: 05165A000

Prerequisite: Successful completion of Art fundamentals in 3D

Course Fee: \$10.00

Crafts courses teach the same lessons as Creative Art—Comprehensive courses, but do so with a focus on crafts. These courses may survey a wide range of crafts, or they may focus on only one type of craft; possibilities include calligraphy, quilting, silk-screening, cake-decorating, tole-painting, mask-making, knitting, crocheting, paper-making, and so on.

Students will learn various crafts including batik (wax resist for dyeing natural fiber cloth), copper enameling (firing powdered glass onto copper), and a variation of Japanese lacquer ware.

3D: Sculpture and an Introduction to Architectural Design

Course Number: 100303

State Course Title: Creative Art—Sculpture

Length/Credits: One semester/ ½ credit

State Course Code: 05158A000

Prerequisite: Successful completion of Art fundamentals in 3D

Course Fee: \$10.00

Creative Art—Sculpture courses cover the same topics as Creative Art—Comprehensive courses, but focus on creating three-dimensional works. Students typically work with several media (such as clay, ceramics, wood, metals, textiles, and so on), but some courses may focus on only one medium.

3D: Ceramics, Jewelry, and Fiber Arts

Course Number: 100304
Length/Credits: One semester/ ½ credit
Prerequisite: Successful completion of Art fundamentals in 3D
Course Fee: \$10.00

State Course Title: Textiles
State Course Code: 05164A000

Textiles courses teach the same lessons as Creative Art—Comprehensive courses, but do so with a focus on textiles. These courses may survey a wide range of crafts and art forms using textiles, or they may focus on only one type of art form; possibilities include weaving, macramé, quilting, batik, stitchery, and so on.

Students will be encouraged to make challenging projects, use new techniques, and develop a personal style and craftsmanship while using clay. Students will choose between making large (up to 18 inches) vessels, armature constructed or hollowed out clay sculptures, and/or a series of exquisitely detailed miniature clay vessels or sculptures. All students will make ceramic jewelry from Egyptian paste and/or metal clay; and creating hand-cut copper jewelry is an option. Students will learn basic loom weaving and formulate an individualized weaving project.

Art History

Course Number: 100401
Length/Credits: One semester/ ½ credit
Prerequisite: None

State Course Title: Art History
State Course Code: 05152A000

Art History courses introduce students to significant works of art, artists, and artistic movements that have shaped the art world and have influenced or reflected periods of history. These courses often emphasize the evolution of art forms, techniques, symbols, and themes.

Art Appreciation

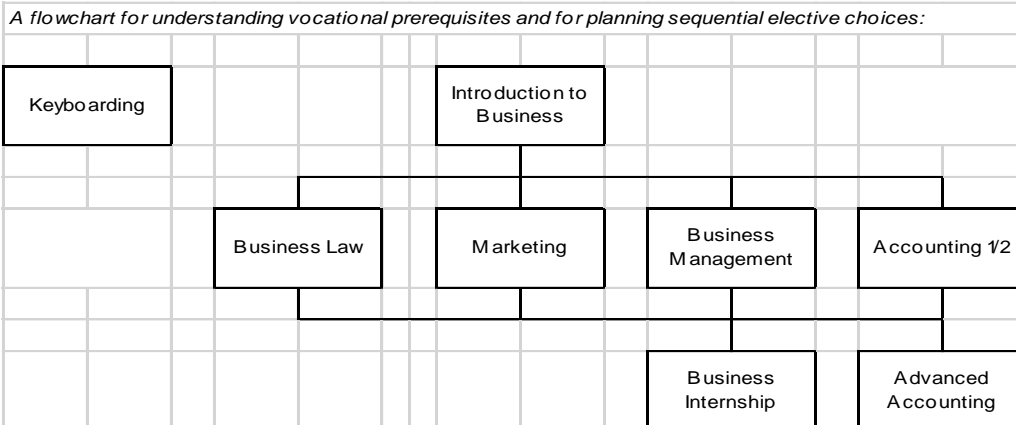
Course Number: 100152
Length/Credits: One semester/ ½ credit
Prerequisite: None
Course Fee: \$10.00

State Course Title: Art Appreciation
State Course Code: 05151A000

Art Appreciation courses introduce students to the many forms of art and help them form an aesthetic framework through which they can judge and critique art of various ages and cultures. These courses also explore the place and significance of art in our society.

The course will require students to attend many local field trips to galleries and museums; therefore, students must maintain self-discipline, trustworthiness, and decorum for being in public and representing East Dubuque High School while on these field trips.

BUSINESS EDUCATION



MS Office Professional/Keyboarding

Course Number: 900101

State Course Title: Keyboarding and Formatting (CTE Course)

Length/Credits: One semester/ ½ credit

State Course Code: 12005A001

Prerequisite: None

Course Fee: \$10.00

Keyboarding and Formatting is a course designed to develop basic skills in touch keyboarding techniques for entering alphabetic, numeric, and symbol information found on computers and terminals. Students will learn to edit and format text and paragraphs, change fonts, work with headers and footers, cut and paste text, create and use tab keys, create labels, and work with multiple windows. Students will format documents such as letters, envelopes, memorandums, reports, and tables for personal, educational, and business uses. During the second half of the course, major emphasis is placed on formatting documents, improving proofreading skills, and increasing speed and accuracy.

Introduction to Business

Course Number: 900201

State Course Title: Introductory Business

Length/Credits: One semester/ ½ credit

State Course Code: 12051A000

Prerequisite: None

Course Fee: \$10.00

Introductory Business courses survey an array of topics and concepts related to the field of business. These courses introduce business concepts such as banking and finance, the role of government in business, consumerism, credit, investment, and management. They usually provide a brief overview of the American economic system and corporate organization. Introductory Business courses may also expose students to the varied opportunities in secretarial, accounting, management, and related fields.

This course provides an overview of the functions of business in a global economic environment and introduces the student to the major business operations and principles involved in product/service development, production, marketing, finance and accounting, human resource management, technology, customer service, quality control and improvement. Additional topics include entrepreneurship and small business management, business plans, corporate strategic planning, economic systems and economic activity, business structure and organization, production and operations management, risk management, money, banking, and financial management, credit, savings, and investments, business ethics, and the social responsibility and role of business in American life. This course is **recommended for students planning to pursue a career or college degree in business** and is a pre-requisite for enrollment in all other business courses. This course fulfills the state consumer education requirement.

Marketing

Course Number: 900203

State Course Title: Service-Oriented Marketing (CTE Course)

Length/Credits: One semester/ ½ credit

State Course Code: 12055A001

Prerequisite: Successful completion of Introduction to Business with a “C+” or better

Course Fee: \$10.00

This course explores the basic principles of marketing such as the creation of concepts, strategies, and the development of marketing plans. Students learn about the components of the marketing mix, target marketing, sponsorship, event marketing, promotions, proposals, and execution of planning. This course emphasizes strong decision making, critical thinking, and collaborative skills to complete group marketing projects throughout the semester. Marketing introduces students to this exciting field, which includes advertising, consumer research, product development, packaging, and selling. Students will be challenged to create new marketing ideas as they analyze current marketing trends. Students will also explore the legal aspects of these industries. Real life projects allow students to demonstrate their understanding of these areas. This course will examine the impact of marketing in our everyday lives, as well as teach many critical business concepts to ready students for a career in the area of marketing.

Business Law

Course Number: 900202

State Course Title: Business Law (CTE Course)

Length/Credits: One semester/ ½ credit

State Course Code: 12054A001

Prerequisite: Successful completion of Introduction to Business with a “C+” or better

Course Fee: \$10.00

Introduces law and the origins and necessity of the legal system; provides insight into the evolution and development of laws that govern business in our society; develops an understanding of how organization and operation of the legal system impact business; develops an understanding of rights and duties within the business environment; and includes contractual responsibility, protection of individual rights in legal relationships relative to warranties, product liability, secured and unsecured debts, negotiable instruments, agencies, employer-employee relations, property ownership and transfer, landlord and tenant, wills and estates, community property, social security, and taxation.

Business Management

Course Number: 900204

State Course Title: Business Management

Length/Credits: One semester/ ½ credit

State Course Code: 12052A000

Prerequisite: Completion of Introduction to Business with a final course grade of “C+” or higher.

Course Fee: \$10.00

Business Management introduces students to the function of managing the operations and employees in a business. This course provides students with a basic understanding and simulated experiences in planning, organizing, directing, and controlling functions within a business. In addition, students learn basic management processes and concepts involved in determining corporate strategy, strategic management, business structure, developing and sustaining a business culture, staffing, finance, and the interconnections among industry, government, and the global economy. This course is best taken after the student has completed two or more business or accounting courses.

Professional Accounting

Course Number: 900401

State Course Title: Accounting

Length/Credits: Two Semesters / 1 credit

State Course Code: 12104A001

Prerequisite: Completion of Introduction to Business with a final course grade of “C+” or higher.

Course Fee: \$20.00,

Accounting is a pre-professional course of study designed to prepare a college-bound student with a comprehensive foundation for successful college level study in accounting and financial management. This program may also prepare a non-college bound student with a basic competency in professional accounting necessary to support a small business ownership goal or qualify for an entry level position as an accounting technician, accounting assistant, or related administrative/clerical support position in an accounting office. This one year program consists of two semesters of study as follows:

First Semester

This module introduces the student to the fundamental principles, concepts, and procedures used in professional accounting and the GAAP. The module content includes the exposure to the full accounting cycle, basic payroll, basic taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments applied to sole proprietorships, partnerships, and limited liability companies. Students learn how to accomplish basic accounting practices and techniques using manual journals, ledgers, registers, working papers, trial balances, end-of-period reports, profit and loss statements, balance sheets, owners equity statements and related reports for simple service, retailing, and related businesses. This module also provides an introduction to automated accounting systems using generic automated accounting simulations. A student must complete the first semester with a final grade of “C+” in order to continue studies in the second semester. A student who does not earn the prerequisite “C+” in order to advance to the second semester but earns a passing grade will exit the program with ½ credit in accounting.

Second Semester

Pre-requisite: Completion of the first semester final grade of “C+” or higher.

The content of Module B is significantly more complex than the introductory module A and uses the knowledge and skills gained in the first semester to develop a deeper knowledge and application skills in professional accounting with emphasis on more complex structures. The student learns to apply previously learned principles to more types of business organizations including multi-member partnerships, Sub-Chapter S entities, LLCs, PCs, closed and public corporations, not-for-profits, subsidiaries, holding companies etc. The students are introduced to specialized aspects of corporate accounting such as inventory accounting, cost accounting, tax accounting, complex payroll accounting, stock issues and dividends, 401Ks and wealth-building programs, basic internal controls and auditing. Students are exposed to simulated automated accounting systems and have an opportunity to experience selected processes used in Peachtree/Sage50, QuickBooks, Excel, and Excel-based enterprise software. A student who does not earn the prerequisite “C+” in order to enroll in Advanced Accounting but earns a passing grade will exit the program with ½ credit in accounting for the second semester.

Advanced Professional Accounting

State Course Title: Advanced Accounting

Course Number: 900402

State Course Code: 12104A002

Length/Credits: One Semester/ ½ credit

Prerequisite: Completion of 1 full credit in Accounting with a final course grade of “C+” or higher

Course Fee: 10.00

This course is designed for students who have been very successful in the basic accounting course and are interested in advancing their knowledge and proficiency in professional accounting as preparation for college accounting. A student completing Advanced Accounting may also possibly qualify for entry into an accounting position in a small business or a corporate/governmental internship in accounting. The content of Advanced Accounting is built on the fundamental concepts and understandings acquired in the basic accounting course and may include such skill areas as: financial reporting and accounts structure for a departmentalized organization; inventory management and valuation; uncollectable accounts and write-offs; plant assets, depreciation; prepaids and accrued expenses; accrued revenue earned and unearned; notes receivable; corporate accounting structure; preferred stock, common stock, stock splits, dividend and treasury stock; bond issues, redemptions, and conversions; budgetary planning and control; cost-volume-profit analysis; job order costing, overhead, D/I costs, and standard costs variance allowances; differential analysis; and internal management controls. Students gain experience in using simulated and actual automated accounting systems to include selected processes used in Peachtree/Sage50, Quickbooks, Excel, and Excel-based enterprise software.

Business Internship

Course Number: 900601

State Course Title: Business and Marketing—Workplace Experience

Length/Credits: One semester/ ½ credit

State Course Code: 12998A000 (minimum 30 minutes-per-week contact hours of instruction and 10 hours-per-week of OJT)

Prerequisite: Juniors and Seniors with completion of three or more business or accounting courses with a grade of “C+” or higher.

Other: Contact hours of instruction and OJT are performed outside of the regular school day class schedule.

The course is a special developmental program for students interested in a business career to earn credit for successful on-the-job learning as a part-time employee or unpaid intern in a business-oriented enterprise. This activity requires the student to search for and obtain a position in industry, commerce, or agri-business in which the student will be required to work a minimum of 10 hours per week. An individual development plan (IDP) is prepared jointly by the student and the employer with guidance from the Business Education instructor. The IDP must be presented and approved by the Business Education instructor prior to the start of the semester. The IDP must (1) outline duties, responsibilities, and the work schedule of the position, (2) describe the on-the-job learning activities in which the student will participate, and (3) specify the work performance objectives that the student is to achieve. In service instruction, guidance, and progress assessment is provided through weekly meetings with the Business Instructor. The student’s on-the job learning and work performance is evaluated by the employer at the end of each 4½ week period using an EDHS-provided evaluation form. The student’s final course grade will be determined by the business instructor based on the employer’s periodic evaluation and the instructor’s assessment of the student’s learning achievements. This course is recommended for students planning to pursue a career or college degree in business.

Consumer Economics

Course Number: 900801

Length/Credits: One semester/ ½ credit

Prerequisite: Open to Juniors and Seniors (Sophomores by Administrative approval)

This course covers the basic information a student should have to be an intelligent and alert consumer. The course includes a review of consumer-oriented business math and the use of specialized websites to compute interest rates, payments, amortization, and compounding. Credit card usage, identity theft, investing, banking including checking and savings accounts, taxation, insurance, buying a car, understanding the stock market, and obtaining a home or apartment are included in the course. This is a required course for students who have not completed the Introduction to Business with a final grade of “C” or higher.

DRIVER EDUCATION

Driver Education

Course Number: 800853

State Course Title: Drivers’ Education—Classroom and Laboratory

Length/Credits: One semester/ ½ credit

State Course Code: 08152A001

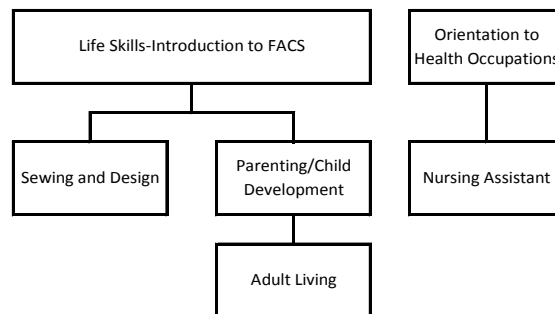
Prerequisite: Open to sophomores who have passed 8 courses the previous two semesters

Course Fee: \$50.00

Drivers’ Education—Classroom and Laboratory course provides students with the knowledge and experience to become safe drivers on America’s roadways. Topics in this course cover legal obligations and responsibility, rules of the road and traffic procedures, safe driving strategies and practices, and the physical and mental factors affecting the driver’s capability (including alcohol and other drugs). Experience in driving a vehicle is an essential component of this course.

FAMILY AND CONSUMER SCIENCES

A flowchart for understanding vocational prerequisites and for planning sequential elective choices:



Life Skills—Introduction to FACS

Course Number: 200000 State Course Title: Introduction to Family and Consumer Sciences Careers (CTE Course)
Length/Credits: One semester/ ½ credits State Course Code: 22201A001
Prerequisite: None
Course Fee: \$10.00

This course introduces students to the field of family and consumer sciences and the many career opportunities available in this broad field. The course includes theory and laboratory experiences in the following content areas: Nutrition and culinary arts; textiles and design; family, career, and community leadership development; resource management; human development and life-long learning; facility design, care, and management; and interpersonal relationships and life management skills.

Parenting and Child Development

Course Number: 200004 State Course Title: Child Development and Parenting (CTE Course)
Length/Credits: One semester/ ½ credit State Course Code: 19052A001
Prerequisite: Open to juniors and seniors

Parenting and Child Development addresses the knowledge, skills, attitudes, and behaviors associated with supporting and promoting optimal growth and development of infants and children. The focus is on research-based nurturing and parenting practices and skills, including brain development research, that support positive development of children. Students will explore opportunities in human services and education-related careers and develop a career portfolio.

Adult Living

Course Number: 200006 State Course Title: Family and Career Relationships (CTE Course)
Length/Credits: One semester/ ½ credit State Course Code: 22207A001
Prerequisite: Open to juniors and seniors

This course is designed to focus on the knowledge, attitudes, and behaviors needed to participate in positive, caring, and respectful relationships in the family, community, and workplace. This project-based course uses communication, leadership and management methods to develop knowledge and behaviors necessary for individuals to become independent, contributing, and responsible participants in family, community, and career settings. Emphasis is placed on the development of techniques and strategies to assist individuals in responding to situations presented in family relationships and the workplace. The course content includes: managing responsibilities, satisfactions and stresses of work and family life; analyzing personal standards, needs, aptitudes and goals; roles and responsibilities of living independently and as a family member; demonstrating goal-setting and decision-making skills; identifying and utilizing community resources; and developing effective relationships to promote communication with others. The course provides students content to identify resources that will assist them in managing life situations. A portion of this course will focus on the book *The Seven Habits of Highly Effective Teenagers*, by Sean Covey, and its applications to students' lives.

Orientation to Health Occupations

Course Number: 200007 State Course Title: Orientation to Health Occupations (CTE Course)
Length/Credits: One Semester/ ½ credit State Course Code: 14001A001
Prerequisite: None

This course will expose students to the variety of opportunities available within the health care industry (e.g., such as nursing, therapy, vision and dental care, administrative services, and lab technology) which will include classroom and community-based activities. The main purpose of this course is to assist students in further development of their self-concept and in matching personal abilities and interest to a tentative career choice. The course will provide in-depth information into health occupations careers and trends, the occupational and educational opportunities and the educational, physical, emotional and attitudinal requirements.

Nursing Assistant

Course Number: 200008 State Course Title: Nursing Assistant (CTE Course)
Length/Credits: One Semester/ ½ credit State Course Code: 14051A00
Prerequisite: Successful completion (C or better) of Orientation to Health Occupations

This course is composed of a combination of subject matter and experiences designed to perform tasks of individuals receiving nursing services. The student learns those competencies needed to perform as a nurse assistant under the direction of the registered nurse. The units of instruction will include the role of the nurse assistant while covering general health care topics; medical terminology; patients/clients and their environment; special feeding techniques; psychological support and, in long term and terminal illness, death and dying (e.g., chronically ill, children, new mothers, and so on); and all other basic nursing skills. Topics covered may include normal growth and development; feeding, transporting patients, hygiene, and disease prevention; basic pharmacology; first aid and CPR; observing and reporting; care of equipment and supplies; doctor, nurse, and patient relationships and roles; procedure policies; medical and professional ethics; and care of various kinds of patients.

FOREIGN LANGUAGE

Spanish 1

Course Number: 500550
Length/Credits: Full year course/1 credit
Prerequisite: None

State Course Title: Spanish I
State Course Code: 06101A000

Designed to introduce students to Spanish language and culture, Spanish I courses emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Spanish culture is introduced through the art, literature, customs, and history of Spanish-speaking people.

Spanish 2

Course Number: 500551
Length/Credits: Full year course/1 credit
Prerequisite: Successful completion of Spanish 1

State Course Title: Spanish II
State Course Code: 06102A000

Spanish II courses build upon skills developed in Spanish I, extending students' ability to understand and express themselves in Spanish and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of Spanish-speaking people to deepen their understanding of the culture(s).

Spanish 3/4

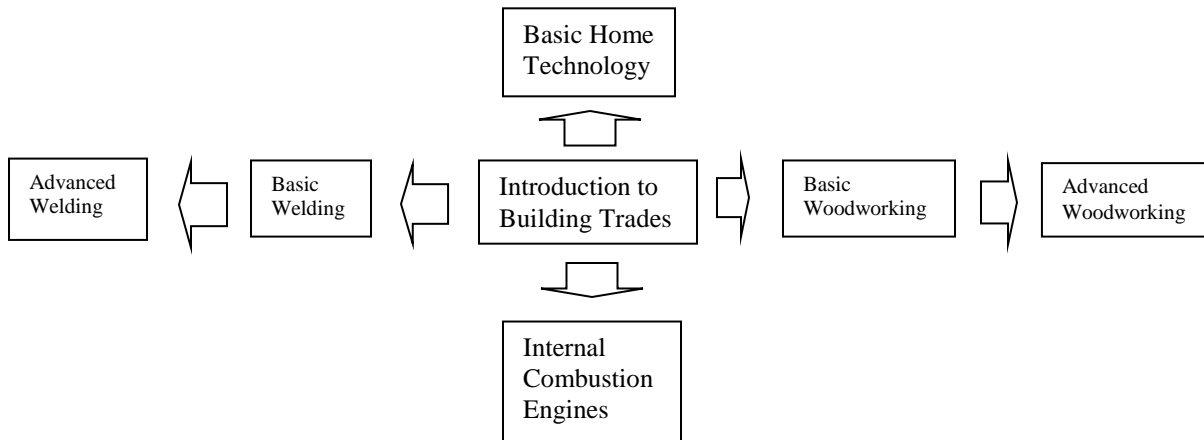
Course Number: 500554
Length/Credits: Full year course/1 credit
Prerequisite: Successful completion of Spanish 2 (With a grade of "C" or better)

State Course Title: Spanish III/Spanish IV
State Course Code: 06103A000/06104A000

Spanish III courses focus on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.

Spanish IV courses focus on advancing students' skills and abilities to read, write, speak, and understand the Spanish language so that they can maintain simple conversations with sufficient vocabulary and an acceptable accent, have sufficient comprehension to understand speech spoken at a normal pace, read uncomplicated but authentic prose, and write narratives that indicate a good understanding of grammar and a strong vocabulary.

INDUSTRIAL TECHNOLOGY



Introduction to Building Trades

Course Number: 300101
Length/Credits: Full year course/ 1 credit
Prerequisite: None
Course Fee: \$20.00

State Course Title: Introduction to Technology and Engineering (Industrial)
State Course Code: 21052A002

Introduction to Building Trades is comprised of the following areas: Production, Transportation, Communication, Energy Utilization and Engineering Design, but is not limited to these areas only. This course will cover the resources, technical processes, industrial applications, technological impact and occupations encompassed by that system.

Basic Woodworking

Course Number: 300201

State Course Title: Woodworking

Length/Credits: Fall semester/ ½ credit

State Course Code: 17006A000

Prerequisite: Successful completion of Introduction to Building Trades with a “C” or better.

Course Fee: \$10.00

Woodworking courses introduce students to the various kinds of woods used in industry and offer experience in using selected woodworking tools. Students design and construct one or more projects and may prepare a bill of materials. Correct and safe use of tools and equipment is emphasized. As students advance, they focus on learning the terminology necessary to use power tools successfully, developing skills to safely use these tools in the workshop and becoming familiar with various kinds of wood-finishing materials. Advanced students typically design a project, prepare bills of materials, construct, and finish proposed projects.

Advanced Woodworking

Course Number: 300202

State Course Title: Cabinetmaking and Millwork I

Length/Credits: Spring semester/ ½ credit

State Course Code: 17007A001

Prerequisite: Open to sophomores, juniors, and seniors who have successfully completed Basic Woodworking

Course Fee: \$10.00

This course introduces students to the basic design and fabrication of residential cabinetry and custom furniture. The course also exposes students to the millwork and millwright industry. Instruction includes safety practices in using hand tools and power equipment.

Basic Welding

Course Number: 300301

State Course Title: Welding Technology I

Length/Credits: Fall semester/ ½ credit

State Course Code: 13207A001

Prerequisite: Successful completion of Introduction of Building Trades with a “C” or better.

Course Fee: \$10.00

This course assists students in gaining the knowledge and developing the basic skills needed to be successful in welding technology. Units of instruction include arc, TIG and MIG welding, metallurgy, cutting metal using arc, plasma, and oxy-gas. In addition, students learn the basics of blueprint reading, precision measuring, layout, and production process planning. Students will have the option to earn Highland Community College credit through successful completion of this class.

Advanced Welding and Metal Fabrication

Course Number: 300302

State Course Title: Welding Technology II

Length/Credits: Spring semester/ ½ credit

State Course Code: 13207A002

Prerequisite: Open to juniors and seniors who have successfully completed Basic Welding

Course Fee: \$10.00

This course builds on the skills and concepts introduced in Welding Technology I and provides more in-depth skill development in various types of welding including horizontal, vertical, overhead, and circular techniques. Students also explore the use of robotic and automated production welding. Students will have the option to earn Highland Community College credit through successful completion of this class.

Internal Combustion Engines

Course Number: 300401

State Course Title: Small Engine Repair I

Length/Credits: One semester/ ½ credit

State Course Code: 20110A001

Prerequisite: Successful completion of Introduction of Building Trades with a “C” or better.

Course Fee: \$10.00

Small engine repair is an instructional program that prepares individuals to troubleshoot, service, and repair a variety of small internal-combustion engines, involving both two and four cycle engines used on portable power equipment. Planned activities will allow students to become knowledgeable of fundamental principles and technical skills related to troubleshooting, repairing, identifying parts and making precision measurements. Safety will be a key component of this class. Students will also be exposed to career opportunities related to small engines.

Basic Home Technology

Course Number: 300501

State Course Title: Building Maintenance I

Length/Credits: One semester/ ½ credit

State Course Code: 17009A001

Prerequisite: Successful completion of Introduction of Building Trades with a “C” or better.

Course Fee: \$10.00

This course includes learning experiences and skills in servicing building systems, repair and maintenance of machinery, maintaining plumbing systems, minor electrical repairs, essential heating ventilation and air conditioning system maintenance, painting, and basic carpentry. These experiences provide students the opportunity to become knowledgeable in a variety of practices and skills associated with all trades necessary to maintain a building’s daily operations that are repair-related. The Building Maintenance I course provides instruction and hands-on activities including the use of test equipment and tools, hand tools, basic electricity, carpentry and masonry skills.

***All Industrial Technology students will need to supply safety glasses that comply with the Z87 code.

LANGUAGE ARTS

English 9

Course Number: 500512

State Course Title: English/Language Arts I (9th grade)

Length/Credits: Full year course/1 credit

State Course Code: 01001A000

Prerequisite: None

English 9 courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses introduce and define various genres of literature, with writing exercises often linked to reading selections.

English 9 is both an introduction to literary forms, such as the short story, nonfiction, drama, novels, and poetry, and a concentrated effort to develop good grammatical and communication skills. Each unit of study will include work with vocabulary, sentence structure, and paragraph development as well as an emphasis on critical thinking and creativity. In addition, students will be expected to write narrative, descriptive, expository, and reflective essays as well as to write creatively.

English 9 Concepts

Course Number: 500511

State Course Title: English/Language Arts I (9th grade)

Length/Credits: Full year course/1 credit

State Course Code: 01001A000

Prerequisite: Placement by teacher recommendation only

English 9 Concepts is a highly individualized course for those students who do not take English 9 or English 9 Honors. Students will work to improve basic skills in reading comprehension, grammar, vocabulary, communication, and writing. *This course will be a combination of students from grades 9 and 10 who qualify for the concepts level courses. This course will next be offered in 2016-2017.

English 9 Honors

Course Number: 500513

State Course Title: English/Language Arts I (9th grade)

Length/Credits: Full year course/1 credit

State Course Code: 01001A000

Prerequisite: Placement by standardized test scores and teacher recommendation

English 9 Honors is an accelerated and more challenging version of English 9, designed to develop higher-level thinking and writing skills. Students will be expected to read and analyze increasingly sophisticated and thought-provoking short stories, nonfiction, drama, novels, and poetry. In addition, students will be expected to write more in-depth narrative, descriptive, expository, and reflective essays as well as to write creatively. * This course will be a combination of students from grades 9 and 10 who qualify for the honors level courses. This course will be offered every other year with the next offering in 2017-2018.

English 10

Course Number: 500522

State Course Title: English/Language Arts II (10th grade)

Length/Credits: Full year course/1 credit

State Course Code: 01002A000

Prerequisite: None

English 10 courses usually offer a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension and develop the skills to determine the author's intent and theme and to recognize the techniques used by the author to deliver his or her message.

English 10 is a study of both literature and communication skills. The course requires work in literature, grammar, language usage, sentence structure, composition, the use of reference materials, and vocabulary development through a variety of texts and media. In addition, students will be expected to write comparison/contrast, persuasive, expository, and reflective essays as well as to write creatively.

English 10 Concepts

Course Number: 500521

State Course Title: English/Language Arts II (10th grade)

Length/Credits: Full year course/1 credit

State Course Code: 01002A000

Prerequisite: Placement by teacher recommendation only

English 10 Concepts is a highly individualized course for those students who do not take English 10 or English 10 Honors. Students will work to improve basic skills in reading comprehension, grammar, vocabulary, communication, and writing. * This course will be a combination of students from grades 9 and 10 who qualify for the concepts level courses. This course will be offered every other year with the next cycle in 2016-2017.

English 10 Honors

Course Number: 500523

State Course Title: English/Language Arts II (10th grade)

Length/Credits: Full year course/1 credit

State Course Code: 01002A000

Prerequisite: Placement by standardized test scores and teacher recommendation

English 10 Honors is an accelerated and more challenging version of English 10, designed to develop higher-level thinking and writing skills. Students will be expected to read and analyze increasingly sophisticated and thought-provoking short stories, nonfiction, drama, novels, and poetry. In addition, students will be expected to write more in-depth comparison/contrast, persuasive, expository, and reflective essays as well as to write creatively. * This course will be a combination of students from grades 9 and 10 who qualify for the honors level courses. This course will next be offered in 2016-2017.

English 11

Course Number: 500532 State Course Title: English/Language Arts III (11th grade)
Length/Credits: Full year course/1 credit State Course Code: 01003A000
Prerequisite: None

English 11 courses continue to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses.

English 11 chronologically traces the development of American literature from the Colonial period to the 21st century. The course includes vocabulary study, a research paper, reflective and creative writing, and a focus on persuasive and analytical writing,

English 11 Concepts

Course Number: 500531 State Course Title: English/Language Arts III (11th grade)
Length/Credits: Full year course/1 credit State Course Code: 01003A000
Prerequisite: Placement by teacher recommendation only

English 11 Concepts is a highly individualized course for those students who do not take English 11 or English 11 Honors. Students will work to improve basic skills in reading comprehension, grammar, vocabulary, communication, and writing. * This course will be a combination of students from grades 11 and 12 who qualify for the concepts level courses. This course will be offered every other year with the next cycle in 2017-2018.

English 11 Honors

Course Number: 500533 State Course Title: English/Language Arts III (11th grade)
Length/Credits: Full year course/1 credit State Course Code: 01003A000
Prerequisite: Placement by standardized test scores and teacher recommendation

English 11 Honors is an accelerated and more challenging version of English 11, designed to develop higher-level thinking and writing skills. The course includes advanced vocabulary study, a research paper, more in-depth reflective and creative writing, and an extensive focus on persuasive and analytical writing. * This course will be a combination of students from grades 11 and 12 who qualify for the honors level courses. This course will be offered every other year with the next cycle in 2017-2018.

AP Literature and Composition

Course Number: 500544
Length/Credits: Full Year course/1 credit
Prerequisite: Students who have successfully completed 9-10 English Honors courses with "C" or better and instructor approval

AP Literature and Composition is a college-level reading and writing course which will prepare students to take the AP Literature and Composition test in May. By achieving a successful score on the AP Literature and Composition Exam, students may receive credit and/or advanced placement coursework in college. Students may earn college credit, depending on the results of the examination and the individual college/university they will be attending.

AP Literature and Composition engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for the readers. As they read, students consider a work's structure, style and themes as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. The course provides students with the skills in analytical reading and expository writing necessary to prepare them for college-level reading and writing. Summer reading and writing will be required of students who enroll in AP Literature and Composition.

Prospective students should clearly understand the rigorous nature of the AP Literature and Composition course before signing up. This course is offered in alternating years, with the next offering in 2018-2019.

Speech

Course Number: 500534 State Course Title: Public Speaking
Length/Credits: One semester/ ½ credit State Course Code: 01151A000
Prerequisite: Open to juniors

Public Speaking courses enable students, through practice, to develop communication skills that can be used in a variety of speaking situations (such as small and large group discussions, delivery of lectures or speeches in front of audiences, and so on). Course topics may include (but are not limited to) research and organization, writing for verbal delivery, stylistic choices, visual and presentation skills, analysis and critique, and development of self-confidence.

English 12

Course Number: 500542

State Course Title: English/Language Arts IV (12th grade)

Length/Credits: Full year course/1 credit

State Course Code: 01004A000

Prerequisite: None

English 12 courses blend composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Typically, students primarily write multi-paragraph essays, but they may also write one or more major research papers.

This course chronologically traces the development of British literature from Anglo-Saxon times to the 21st century and explores literature of the world. The course includes vocabulary study, a research paper, reflective and creative writing, as well as a focus on character analysis, persuasive writing, and communication skills needed for post-high school study and work.

English 12 Concepts

Course Number: 500541

State Course Title: English/Language Arts IV (12th grade)

Length/Credits: Full year course/1 credit

State Course Code: 01004A000

Prerequisite: Placement by teacher recommendation only

English 12 Concepts is a highly individualized course for those students who do not take English 12 or English 12 Honors. Students will work to improve basic skills in reading comprehension, grammar, vocabulary, communication, and writing. * This course will be a combination of students from grades 11 and 12 who qualify for the concepts level courses. This course will next be offered in 2016-2017.

Introduction to Digital Graphics

Course Number: 500700

State Course Title: Beginning Digital Graphics

Length/Credits: Fall Semester (1/2 credit)

State Course Code: 10202A002

Prerequisite: None

Beginning Digital Graphics course provides students with the opportunity to explore the capability of the computer to produce visual imagery and apply graphic techniques. Hardware and software programs will be used to create, manipulate, edit, color, paint, and layer scanned images, and computer graphics.

Advanced Multi-Media

Course Number: 500701

State Course Title: Commercial & Advertising Art 1

Length/Credits: Spring Semester (1/2 credit)

State Course Code: 11155A001

Prerequisite: Successful completion of Introduction to Digital Graphics

Students will learn to apply artistic design and layout principles along with text, graphics, sound, video to develop various print, video and digital products. Hardware and software programs will be used to create, manipulate, color, paint, and layer scanned images and computer graphics; capture, edit, create, and compress audio and video clips.

Artistic techniques will be applied to design and create advertisements, publications, brochures, logos, graphics and computer-generated media.

Creative Writing

Course Number:

State Course Title: Creative Writing

Length/Credits: One semester/½ credit

State Course Code: 01104A001

Prerequisite: Successful completion of freshman and sophomore English classes and Junior or Senior standing

This course will introduce students to a variety of creative writing genres including short stories, poems, plays and creative nonfiction. Through traditional instruction and a writer's workshop approach, students will learn about the writing process, read a variety of published works, generate a great deal of their own writing, share their writing with peers and bring writing pieces to publication. This course is available only to juniors and seniors who have successfully completed freshman and sophomore English classes.

Novels

Course Number:

State Course Title: Literature

Length/Credits: One semester/½ credit

State Course Code: 01053A001

Prerequisite: Successful completion of freshman and sophomore English classes and Junior or Senior standing

This course will introduce students to a variety of contemporary and/or canonical novels. Students will read, summarize, analyze, and discuss course material, with an emphasis on theme and how literature reflects, interprets, and affects real life. This course is available only to juniors and seniors who have successfully completed freshman and sophomore English classes.

Yearbook

Course Number:

Length/Credits: Full Year/1 credit

Prerequisite: Multi-Media I and II with a "C" or better, or with instructor approval.

Yearbook will cover the entire process of planning, putting together and producing a yearbook for the High School. Students will be actively involved in selling advertising, taking photographs, making decisions regarding the style and content of the yearbook and

working on the final product. Students need to be motivated and will be required to help cover photography at selected activities during the course of the school year.

MATHEMATICS

A chart to show the sequence of Math courses. Students will follow the line across from *left to right*—not up and down.

Freshman	Sophomore	Junior	Senior
Pre-Algebra	Algebra 1 Concepts	Geometry Concepts	Discrete Math
Pre-Algebra	Algebra 1	Geometry Concepts	Discrete Math
Pre-Algebra	Algebra 1	Geometry	Algebra II
Algebra 1	Geometry Concepts	Discrete Math	Algebra II
Algebra 1	Geometry	Discrete Math	Algebra II
Algebra 1	Geometry	Algebra II	Pre-Calculus
Geometry	Discrete Math	Algebra II	Pre-Calculus
Geometry	Algebra II	Pre-Calculus	AP Calculus AB

Pre-Algebra

Course Number: 400413

Length/Credits: Full year course/1 credit

Prerequisite: None

State Course Title: Pre-Algebra

State Course Code: 02051A000

Pre-Algebra courses increase students' foundational math skills and prepare them for Algebra I by covering a variety of topics, such as properties of rational numbers (i.e., number theory), ratio, proportion, estimation, exponents and radicals, the rectangular coordinate system, sets and logic, formulas, and solving first-degree equations and inequalities.

Algebra 1

Course Number: 400411

Length/Credits: Full year course/1 credit

Prerequisite: Open to freshmen or students who have successfully completed either Pre-Algebra or Algebra 1 Concepts

State Course Title: Algebra I

State Course Code: 02052A000

Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations.

Algebra 1 Concepts

Course Number: 400412

Length/Credits: Full year course/1 credit

Prerequisite: Successful completion of Pre-Algebra

State Course Title: Algebra I

State Course Code: 02052A000

This course will give a solid foundation in the fundamentals of algebra. Students will develop their problem solving skills as they learn new math concepts. Linear equations, quadratic functions, the quadratic formula, modeling equations and inequalities, slope, and factoring will be studied. This course is open to Pre-Algebra students to satisfy the algebra requirement.

Geometry

Course Number: 400422

Length/Credits: Full year course/1 credit

Prerequisite: Successful completion of Algebra 1 or Algebra 1 Concepts (with instructor approval)

State Course Title: Geometry

State Course Code: 02072A000

Geometry courses, emphasizing an abstract, formal approach to the study of geometry, typically include topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.

Geometry Concepts

Course Number: 400423

Length/Credits: Full year course/1 credit

Prerequisite: Successful completion of Algebra 1 Concepts or Algebra 1 (with instructor approval)

State Course Title: Geometry

State Course Code: 02072A000

In Geometry Concepts, students will study how points, lines, and planes can be used to picture the space around us. The main attention will be placed on plane geometry. Plane geometry studies geometric figures in a plane, like squares, triangles, and circles. Later, we will consider solid geometry, where students will learn about solid figures like cubes, prisms, and spheres.

Algebra 2

Course Number: 400421 State Course Title: Algebra II
Length/Credits: Full year course/1 credit State Course Code: 02056A000
Prerequisite: Successful completion of Geometry, Geometry Concepts (with instructor approval) or Discrete Math
Material(s): TI-84 Plus graphing calculators are required for this course and must be purchased by the student

Algebra 2 course topics typically include field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher degree equations; and operations with rational and irrational exponents.

Discrete Math

Course Number: 400430 State Course Title: Discrete Mathematics
Length/Credits: Full year course/1 credit State Course Code: 02102A000
Prerequisite: Successful completion of Geometry Concepts or Geometry

Discrete Mathematics courses include the study of topics such as number theory, discrete probability, set theory, symbolic logic, Boolean algebra, combinatorics, recursion, basic algebraic structures and graph theory.

Pre-Calculus

Course Number: 400441 State Course Title: Pre-Calculus
Length/Credits: Full year course/1 credit State Course Code: 02110A000
Prerequisite: Successful completion of Algebra 2
Material(s): TI-84 Plus graphing calculators are required for this course and must be purchased by the student

Pre-Calculus courses combine the study of Trigonometry, Elementary Functions, Analytic Geometry, and Math Analysis topics as preparation for calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity.

AP Calculus AB

Course Number: 400120 State Course Title: AP Calculus AB
Length/Credits: Full year course/1 credit State Course Code: 02124A000
Prerequisite: Successful completion of Pre-Calculus
Material(s): TI-84 Plus graphing calculators are required for this course and must be purchased by the student

Following the College Board's suggested curriculum designed to parallel college-level calculus courses, AP Calculus AB provides students with an intuitive understanding of the concepts of calculus and experience with its methods and applications. These courses introduce calculus and include the following topics: elementary functions; properties of functions and their graphs; limits and continuity; differential calculus (including definition of the derivative, derivative formulas, theorems about derivatives, geometric applications, optimization problems, and rate-of-change problems); and integral calculus (including antiderivatives and the definite integral).

Prospective students should clearly understand the rigorous nature of the AP Calculus AB course before beginning this course.

Individualized Math

Course Number: 400501 State Course Title: General Math
Length/Credits: Full year course/1 credit State Course Code: 02002A001
Prerequisite: Students with a math goal in the Individualized Education Program (IEP) may be placed in this class

General Math courses reinforce and expand students' foundational math skills, such as arithmetic operations using rational numbers; area, perimeter, and volume of geometric figures, congruence and similarity, angle relationships, the Pythagorean theorem, the rectangular coordinate system, sets and logic, ratio and proportion, estimation, formulas, solving and graphing simple equations and inequalities.

MUSIC

Band

Course Number: 800851 State Course Title: General Band
Length/Credits: Full year course/1 credit State Course Code: 05101A001
Prerequisite: None
Course Fee: \$10.00

General Band courses develop students' technique for playing brass, woodwind, and percussion instruments and cover a variety of nonspecified band literature styles (concert, marching, orchestral, and modern styles).

Students will participate in pep band, marching band and concert band performances. In addition, students will have individual opportunities to participate in optional events like Solo and Ensemble Contest and IMEA Music Festival. Attending all full band performances outside of the school day is a course requirement.

Chorus

Course Number: 800852

State Course Title: Chorus

Length/Credits: Full year course/1 credit

State Course Code: 05110A000

Prerequisite: None

Chorus courses provide the opportunity to sing a variety of choral literature styles for men's and/or women's voices and are designed to develop vocal techniques and the ability to sing parts.

Students do not need previous choral experience to join. This class is co-curricular, meaning it meets during the regular school day and has 2-4 required evening or weekend performances each semester. Students will learn a variety of music, including spirituals, sacred, calypso, secular, contemporary, classical, western, and folk songs. Students will learn music terminology and skills including sight-reading. In addition, students will have individual opportunities to participate in optional events such as Solo and Ensemble Contest and IMEA Music Festival. The class also offers the National Anthem Club and provides students opportunities to sing the *Star Spangled Banner* at sporting events.

PHYSICAL EDUCATION

Physical Education 9

Course Number: 800009

State Course Title: Physical Education

Length/Credits: ½ credit per semester

State Course Code: 08001A001

Prerequisite: Open to freshmen

Physical education courses provide students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreation sports, and fitness/conditioning activities.

This basic instructional program promotes health, hygiene, social skills, and physical exercise. These instructional goals will be met by developing a reasonable degree of skill in a variety of activities that are directed more for leisure-time enjoyment, both now and in the future. There will be an introduction to modern exercise such as yoga and Pilates. Written and skills tests will also be used to evaluate performance. CPR certification will be administered. Classes are conducted on a co-educational basis.

Physical Education 10

Course Number: 800010

State Course Title: Physical Education

Length/Credits: ½ credit per semester

State Course Code: 08001A001

Prerequisite: Open to sophomores

Physical education courses provide students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreation sports, and fitness/conditioning activities.

This instructional program promotes health, hygiene, social skills, and physical exercise. These instructional goals will be met by developing a reasonable degree of skill in a variety of activities that are directed more for leisure-time enjoyment, both now and in the future. Classes will be fitness-based with emphasis on lifetime fitness skills. Written and skills tests will also be used to evaluate performance. Classes are conducted on a co-educational basis.

Physical Education 11-12

Course Number: 801112

State Course Title: Physical Education

Length/Credits: ½ credit per semester

State Course Code: 08001A001

Prerequisite: Open to juniors and seniors

Physical education courses provide students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreation sports, and fitness/conditioning activities.

This instructional program promotes health, hygiene, social skills, and physical exercise. These instructional goals will be met by developing a reasonable degree of skill in a variety of activities that are directed more for leisure-time enjoyment, both now and in the future. Classes will be fitness-based with emphasis on lifetime fitness skills. Written and skills tests will also be used to evaluate performance. Classes are conducted on a co-educational basis.

Fitness

Course Number: 811112

State Course Title: Fitness/Conditioning Activities

Length/Credits: Semester Course/1/2 credit (Offered Both Semesters)

State Course Code: 08005A001

Prerequisite: Open to juniors and seniors as a replacement option to Physical Education 11-12.

Fitness/Conditioning Activities courses emphasize conditioning activities that help develop muscular strength, flexibility, and cardiovascular fitness utilizing the weight room on a daily basis.

A personal fitness plan will be developed for evaluation. CPR certification will also be available in this course.

SCIENCE

Physical Science

Course Number: 600612

State Course Title: Physical Science

Length/Credits: Full year course/1 credit

State Course Code: 03159A000

Prerequisite: None

Physical Science courses involve study of the structures and states of matter. Typically (but not always) offered as introductory survey courses, they may include such topics as forms of energy, wave phenomenon, electromagnetism, and physical and chemical interactions.

This course will stress the development and use of critical-thinking and problem-solving skills. Also emphasized will be the social aspect of working with others in a collaborative setting during lab experiences.

Physical Science Concepts

Course Number: 600614

State Course Title: Physical Science

Length/Credits: Full year course/1 credit

State Course Code: 03159A000

Prerequisite: Placement by teacher recommendation only

Physical Science courses involve study of the structures and states of matter. Typically (but not always) offered as introductory survey courses, they may include such topics as forms of energy, wave phenomenon, electromagnetism, and physical and chemical interactions.

This course will stress the development and use of critical-thinking and problem-solving skills. Also emphasized will be the social aspect of working with others in a collaborative setting during lab experiences.

Health

Course Number: 600611

State Course Title: Health Education

Length/Credits: One semester/ ½ credit

State Course Code: 08051A000

Prerequisite: None

Topics covered within this Health course may vary widely, but typically include personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. The course may also include brief studies of environmental health, personal development, and/or community resources.

Biology

Course Number: 600623

State Course Title: Biology

Length/Credits: Full year course/1 credit

State Course Code: 03051A001

Prerequisite: Open to sophomores

Course Fee: \$10.00

Biology courses are designed to provide information regarding the fundamental concepts of life, life processes, and the relationships between living things. This course includes, but is not restricted to, ecology, cell biology, genetics, and evolution. The students will also survey the different classifications of life forms with an emphasis on the ecological and evolutionary relationships between different species. The students will use laboratory experiments, models, charts, data, and technology to comprehend the concepts presented. This course is required for graduation for those students not placed in Honors Biology.

Biology Honors

Course Number: 600624

State Course Title: Biology

Length/Credits: Full year course/1 credit

State Course Code: 03051A001

Prerequisite: Placement by teacher recommendation only

Course Fee: \$10.00

Biology courses are designed to provide information regarding the fundamental concepts of life, life processes, and the relationships between living things. This course includes, but is not restricted to, ecology, cell biology, genetics, and evolution. The students will also survey the different classifications of life forms with an emphasis on the ecological and evolutionary relationships between different species. The students will use laboratory experiments, models, charts, data, and technology to comprehend the concepts presented. This course will go into greater depth than general Biology.

Physics

Course Number: 600631
Length/Credits: Full year course/1 credit
Prerequisite: Students must have passed Algebra 1 (Grade of "C" or better)
Course Fee: \$10.00

State Course Title: Physics
State Course Code: 03151A000

Physics courses involve the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, and magnetic and electric phenomena. This course is offered every other year, alternating with Chemistry. The next year this course will be offered is the 2016-2017 school year.

Chemistry

Course Number: 600632
Length/Credits: Full year course/1 credit
Prerequisite: Students must have passed Algebra 1 (Grade of "C" or better)
Course Fee: \$10.00

State Course Title: Chemistry
State Course Code: 03101A000

Chemistry courses involve studying the composition, properties, and reactions of substances. These courses typically explore such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations and nuclear reactions are also studied. This course is offered every other year, alternating with Physics. The next year this course will be offered is the 2015-2016 school year.

Physiology

Course Number: 600642
Length/Credits: Full year course/1 credit
Prerequisite: Successful completion of Biology
Course Fee: \$10.00

State Course Title: Physiology
State Course Code: 03055A000

Physiology courses examine all major systems, tissues, and muscle groups in the human body to help students understand how these systems interact and their role in maintaining homeostasis. These courses may also cover such topics as cell structure and function, metabolism, and the human life cycle.

Principles of Technology

Course Number: 600650
Length/Credits: Full year course/1 credit
Prerequisite: Successful completion of Pre-Algebra is recommended.

State Course Title: Principles of Technology
State Course Code: 03153A000

Principles of Technology courses focus on the study of the forces and laws of nature and their application to modern technology. Equilibrium, motion, momentum, energy conversion, electromagnetism, and optical phenomena are presented in the context of current, real-world applications. Demonstrations, math labs, and applied laboratory experiments are an integral part of the Principles of Technology curriculum. These courses enable students to gain a solid foundation for careers in electronics, robotics, telecommunications, and other technological fields.

Current Discoveries in Science

Course Number: 600670
Length/Credits: One semester/ ½ credit
Prerequisite: Open to juniors and seniors

State Course Title: Science, Technology and Society
State Course Code: 03210A000

Science, Technology, and Society courses encourage students to explore and understand the ways in which science and technology shape culture, values, and institutions and how such factors, in turn, shape science and technology. Topics covered may include how science and technology enter society and how they change as a result of social processes.

The course will cover the current discoveries in both physical and biological science. We will review the basics of good scientific research. Students will use multiple forms of media including magazines, newspapers, podcasts, internet research sites, and scientific journals to explore a wide variety of scientific topics. Students will also have the freedom to research some specific scientific topics that interest them and share their findings with classmates. We will emphasize the characteristics of good research and discuss the misuse and misinterpretation of scientific research.

SOCIAL STUDIES

World History

Course Number: 700722
Length/Credits: Full year course/1 credit
Prerequisite: None

State Course Title: World History—Overview
State Course Code: 04051A000

World History—Overview course that provides students with coverage of the history of human society from the Renaissance to the contemporary period, examining political, economic, social, religious, military, scientific, and cultural developments. World History may include geographical studies, but are taught within the historical units. World History is a one-year required course for sophomores except those enrolled in World History Concepts.

World History Concepts

Course Number: 700721

State Course Title: World History—Overview

Length/Credits: Full year course/1 credit

State Course Code: 04051A000

Prerequisite: Placement by teacher recommendation only

World History Concepts is a course designed to familiarize students with essential geographic, historical, and cultural facts including the study of atrocities during the Holocaust. It is required of sophomores and juniors who qualify through teacher placement and who are not enrolled in World History.

United States History

Course Number: 700731

State Course Title: U.S. History—Comprehensive

Length/Credits: Full year course/1 credit

State Course Code: 04101A000

Prerequisite: None

U.S. History—This is an overview course from Reconstruction to present day examining the growing industrial world, the U.S. growth into a world superpower, segregation and civil rights, the modern economy, and terrorism. U.S. History courses may include geographical studies, but are taught within historical units. U.S. History is a one-year required course for juniors except those enrolled in U.S. History Concepts.

United States History Concepts

Course Number: 700730

State Course Title: U.S. History—Comprehensive

Length/Credits: Full year course/1 credit

State Course Code: 04101A000

Prerequisite: None

U.S. History—This is a course designed to familiarize students with basic historical concepts of U.S. History from Reconstruction through the present day. U.S. History Concepts courses may include geographical studies, but are taught within historical units. U.S. History Concepts is required of sophomores and juniors who qualify through teacher placement and are not enrolled in U.S. History.

Government

Course Number: 700741

State Course Title: U.S. Government—Comprehensive

Length/Credits: One semester/ ½ credit

State Course Code: 04151A000

Prerequisite: Open to seniors

U.S. Government—Comprehensive courses provide an overview of the structure and functions of the U.S. government and political institutions and examine constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. These courses may examine the structure and function of state and local governments and may cover certain economic and legal topics.

AP Psychology

Course Number: 700742

State Course Title: AP Psychology

Length/Credits: Full Year/1 credit

State Course Code: 04256A000

Prerequisite: Open to juniors and seniors (with Social Studies teacher's approval)

AP Psychology offers an introduction to psychology and prepares students to take the AP Psychology Examination, which is administered in May. By achieving a successful score on the AP Psychology Exam, students may receive credit and/or advanced placement course work in college. Students may earn college credit, depending on the results of the examination and the individual college/university they will be attending.

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with the major sub-fields within psychology. The AP Psychology course stresses critical thinking, reading, and writing within the context of scientific methodology and questioning.

Prospective students should clearly understand the rigorous nature of the AP Psychology course before signing up.

AP European History

State Course Title: AP European History

Course Number: 700744

State Course Code: 04056A000

Length/Credits: Full Year/1 credit

Prerequisite: Open to 10th, 11th and 12th with Teacher/Administrative Approval

AP European History focuses on developing students' understanding of European history from approximately 1450 to present. The course has students investigate the content of European history for significant events, individuals, developments, and processes in four historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides five themes (interaction of Europe and the world, poverty and prosperity, objective knowledge and subjective visions, states and other institutions of power, and individual and society) that students explore throughout the course in order to make connections among historical developments in different times and places.

Prospective students should clearly understand the rigorous nature of the AP European History course before signing up. AP European History will replace World History for the students who choose to take it. Students may earn college credit depending on AP test scores and college requirements. Summer reading may be required. This class will be reading and writing intensive. This course will be offered in alternating years, with the first offering in 2017-2018.

AP United States History

Course Number: 700745

Length/Credits: Full Year/1 credit

Prerequisite: Open to 10th, 11th and 12th with Teacher/Administrative Approval

State Course Title: AP United States History

State Course Code: 04056A00

AP U.S. History focuses on developing students' understanding of American history from approximately 1491 to the present. The course has students investigate the content of U.S. history for significant events, individuals, developments, and processes in nine historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides seven themes (American and national identity; migration and settlement; politics and power; work, exchange, and technology; American in the world; geography and the environment; and culture and society) that students explore throughout the course in order to make connections among historical developments in different times and places.

Prospective students should clearly understand the rigorous nature of the AP United States History course before signing up. This class will replace U.S. History for students who choose to take it. Students may earn college credit depending on AP test score and college requirements. Summer reading may be required. The class will be reading and writing intensive. This course will be offered in alternating years, with the first offering in 2018-2019.

Current Events

Course Number: 700743

Length/Credits: One semester/ ½ credit

Prerequisite: Open to juniors and seniors

Course Fee: \$10.00

State Course Title: Contemporary U.S. Issues

State Course Code: 04106A000

Contemporary U.S. Issues courses study the political, economic, and social issues facing the United States, with or without an emphasis on state and local issues. These courses may focus on current issues or may examine selected issues that span throughout the 20th century to the present.

The course will cover the current events at home and abroad and how they affect all of us. Also included would be lessons on how to accurately interpret the news we are given through television, radio, Internet, and print. Due to the nature of its content, this course can be repeated.

GRADUATION SERVICE

Graduation service is a graduation requirement for all students. Students must accumulate a total of forty hours of service throughout their four years of high school.

Graduation service hours must be completed before the start of semester exams of the senior year. Graduation service must be done outside of school time. Students cannot be paid for any service performed, nor will services for family members count towards hours for graduation service. The purpose and intent of graduation service is to get into the community and to give of one's time and talents to others. Approval forms are available in the office and on the high school link of the district's website (www.edbqhs.org) and should be submitted to the principal's office within three months of completing the service.

Possible Graduation Service Organizations:

Lion's Club, Warrior Booster Club, Optimist Club, Boys Scouts, Girls Scouts, Library, City Township – Park or local governments, churches, American Legion, V.F.W., East Dubuque Tourism/Business Council, hospitals, and nursing homes.

REQUIREMENTS FOR PUBLIC UNIVERSITIES

For admission to public universities, the law requires students to complete at least 15 units of high school course work distributed as follows:

- Four years of English (emphasizing written and oral communication and literature)
- Three years of Social Studies (emphasizing history and government)
- Three years of Mathematics (introductory through advanced Algebra, Geometry, Trigonometry or fundamentals of computer programming)
- Three years of Science (Laboratory sciences)

- Two years of electives chosen from music, art, foreign language (which shall be deemed to include up to one year of American Sign Language per PA 86-0623) or vocational education. University of Illinois/Urbana may have slightly different requirements. Public universities in other states may also have different requirements.