East Dubuque High School
200 Parklane Drive
East Dubuque, IL 61025

Course Description Book
2007-08

TO: Parents/Guardians and Students

FROM: Mr. Greg Herbst, 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 (other than individualized classes) obtaining 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. The classes that we offer, the number of sections of each class, and the balancing of students' schedules are just a few of the important decisions made throughout this process.

In the past, some students have waited until school began and then decided they wanted a schedule change. This has caused many problems due to lack of available space, closed classes, conflicting requests, and inaccurate course rosters. In addition, teachers have been hired, classes scheduled, and schedules balanced based upon students' requests for courses. Given that, students are responsible for the classes they request.

Schedule changes may 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. To enroll in college courses.
4. Changes needed as a result of completion or failure of summer school courses.
5. Changes needed by seniors to graduate.

Convenience changes will not be made to accommodate a job, babysitting obligations, ride home with a friend, or other similar reasons.

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.

Review your course schedule and sign up in the office to see the guidance counselor. Again, the only changes made in scheduling are the five listed above.

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CREDIT REQUIREMENTS FOR GRADUATION

Students entering 9th grade in:	English Credits	Math Credits	Science Credits	Social Studies Credits	Physical Education Credits	Elective Credits (minimum)	Total Credits (minimum)	Graduation Service Hours
2004-05	4 ½	2*	2 ½	3	3	7	22	40
2005-06	4 ½	3**	2 ½	3	3	6	22	40
2006-07 and beyond	4 ½	3***	2 ½	3	3	6	22	40

REQUIRED COURSES BY SUBJECT

English (4-1/2 years)

Individual English (as many years as needed) or
1 year English 9
1 year English 10
1 year English 11 - Composition and American Literature
1 year English 12 - Composition and British Literature
1 semester Speech

Math (2 or 3 years as described below)

* Students entering as 9th graders in 2004-05 or before: 2 years; no particular sequence specified
** Students entering as 9th graders in 2005-06: 3 years; no particular sequence specified
*** Students entering as 9th graders in 2006-07 and beyond: 3 years; one year must be Algebra and one year must be a course that includes geometry content

Courses include: Math Resource, Pre-Algebra, Algebra I, Algebra Concepts, Geometry, Algebra II, Pre-Calculus, and AP Calculus AB [We anticipate adding a new course, Geometry Concepts, in 2008-09.]

Science (2-1/2 years)

1 year Physical Science I or Physical Science II
1 semester Health
1 year Biology

Social Studies (3 years)

1 year World Cultures or World History
1 year United States History
1 semester Government
1 semester Consumer Education

Physical Education (6 semesters)

Graduation Service

10 hours per school year

NOTE: Except for individualized classes, any course obtaining a registration count of fewer than 12 students may be dropped for the school year at the discretion of the administration.

REQUIRED COURSES BY GRADE LEVEL

9th GRADE

Individualized English 9 (500514) or English 9 (500512)	1 credit
Pre-Algebra (400413), Algebra I (400411), or Geometry (400422)	1 credit
Physical Education (800009)	½ credit
Physical Science I (600613) or Physical Science II (600612)	1 credit
Health (600611)	½ credit
Graduation Service	10 hours

NOTE: To be promoted to tenth grade, a student must have earned at least 4 credits.

10th GRADE

Individualized English 10 (500524) or English 10 (500522)	1 credit
Physical Education (800010)	½ credit
World Cultures (700723), World History (700722), or Work Studies Resource (600200)	1 credit
Biology I (600623), Biology II (600622), or Biology Resource (600621)	1 credit
Algebra I (400411), Algebra Concepts (400412), Geometry (400422), or Algebra II (400421)	1 credit
Graduation Service	10 hours

NOTE: To be promoted to eleventh grade, a student must have earned at least 10 credits.

11th GRADE

Individualized English 11 (500534) or English 11 (500532)	1 credit
Physical Education (801112) or Fitness/Exercise (801000)	1 credit
United States History (700731) or United States History Resource (700733)	1 credit
Speech (500523)	½ credit
A third year of math for students who entered 9th grade in 2005-06 or later	1 credit
Graduation Service	10 hours

NOTE: To be promoted to twelfth grade, a student must have earned at least 15 credits.

12th GRADE

Individualized English 12 (500544), Practical English (500545), or English 12 (500542)	1 credit
Physical Education (801112) or Fitness/Exercise (801000)	1 credit
Government (700741) or Government Resource (700740)	½ credit
Consumer Education (700732) or Consumer Education Resource (700744)	½ credit
Graduation Service	10 hours

NOTE: To graduate, a student must have earned a minimum of 22 credits and performed 40 hours of graduation service.

ELECTIVE COURSES

Electives		Credits
Art I, II, III, IV	(100112, 100122, 100132, 100142)	1 each
Art Appreciation	(100152)	1
Keyboarding	(70000)	½
Introduction to Word Processing	(70001)	½
Accounting I & II	(70002, 70103)	1 each
Career Exploration	(70102)	½
Business Computer Concepts	(70004)	½
Driver Education	(300332)	½
Life Skills - Orientation to Home Economics	(200000)	1
Foods and Nutrition I	(200001)	½
Foods and Nutrition II	(200002)	½
Exploring Professional Cooking	(200003)	½
Parenting and Child Development	(200004)	½
Sewing/Design	(200005)	½
Adult Living	(200006)	½
Introduction to Industrial Technology	(10000)	½
Basic Woodworking	(10001)	½
Furniture-making	(10002)	½
Welding	(10003)	½
Drafting/C.A.D.	(10004)	½
Internal Combustion Engines	(10005)	½
Basic Home Technology	(10007)	½
Spanish I, II, III, IV	(500550, 500551, 500552, 500553)	1 each
Digital Creations I	(600601)	½
Digital Creations II	(600602)	½
Algebra I	(400411)	1
Geometry	(400422)	1
Algebra II	(400421)	1
Pre-Calculus	(400441)	1
AP Calculus AB	(400120)	1
Band	(800851)	1
Chorus	(800852)	1
Physics	(600631)	1
Chemistry	(600632)	1
Physiology	(600642)	1
Principles of Technology	(600650)	1
Survey in Botany	(600660)	½
AP Psychology	(700742)	½
Current Events	(700743)	½

SCHOOL FEES

NAME_____ GRADE_____

General Fee	$40.00	_____
Athletic Fee - one sport	$20.00	_____
two or more sports	$40.00	_____
Art I, II, III, IV	$10.00/each	_____
Art Appreciation	$10.00	_____
Keyboarding	$10.00	_____
Introduction to Word Processing	$10.00	_____
Accounting I	$10.00	_____
Accounting II	$10.00	_____
Business Computer Concepts	$10.00	_____
Driver Education	$50.00	_____
Foods and Nutrition I	$10.00	_____
Foods and Nutrition II	$10.00	_____
Exploring Professional Cooking	$10.00	_____
Introduction to Industrial Technology	$10.00	_____
Basic Woodworking	$10.00	_____
Furniture-making	$10.00	_____
Welding	$10.00	_____
Basic Home Technology	$10.00	_____
Digital Creations I	$10.00	_____
Digital Creations II	$10.00	_____
Band	$10.00	_____
Biology I	$10.00	_____
Biology II	$10.00	_____
Chemistry	$10.00	_____
Physics	$10.00	_____
Physiology	$10.00	_____

TOTAL: _____

ALL FEES ARE NONREFUNDABLE.

ART

Art I - (100112) 1 credit
This is a full-year studio course. The first semester will cover the basic art fundamentals that deal with two-dimensional projects such as drawing, painting, graphics, and design. Second semester will include ceramics, sculpture, and other three dimensional materials such as clay, plaster, paper mache, wire, metal, wood, and paper. There will be some related art history and theory. There will be a one-hour homework drawing due each week. Students may need to provide some of the materials for their projects. [Lab fee: $10.00]

Art II, III, IV - (100122, 100132, 100142) 1 credit
These full-year courses continue the advancement of artistic skills learned in Art I and subsequent courses. Each quarter will have a different theme and emphasis. Each year will have a "new" required media introduced. The course will encourage setting individual artistic goals, creative thinking, knowledge of famous artists, artistic movements, and current trends. It may include fiber arts, jewelry making, computer drawing, and commercial art, as well as the traditional forms of drawing, painting, graphics, ceramics, and sculpture. Students will solve required artistic problems and then work independently between assignments. There will be a one-hour homework drawing due each week. Students may need to provide some of the materials for their own projects. Students must have a grade of "C" or better in Art I before taking Advanced Art. [Lab fee: $10.00/year]

Art Appreciation – (100152) 1 credit
This is a one year course. This class aims to teach an understanding of art and artistic principles, what makes art good, who makes it and why, what it takes to produce some of the more technical aspects of art, and what is beautiful. Class work will consist of reading, video clips and slides, lecture (note taking), Internet use and research, discussion, writing critiques, a midterm, and a final. It will include art history, aesthetics, and required field trips. All students taking this course must have written permission and maintain eligibility to go on field trips and/or go on their own time for local art events. This course is a good college preparation for the non-artist or for the artist who wants an in-depth understanding into the intellectual side of art. [Lab fee: $10.00]

BUSINESS EDUCATION

Keyboarding - (70000) [State Code: BE0010] ½ credit
Introduction to Word Processing - (70001) [State Code: BE0900] ½ credit
This is a two-semester course open to freshmen, sophomores, juniors, and seniors. It is highly recommended that every student in school take this course because of the great demand for keyboarding/computer skills in jobs today. Students may test out of keyboarding according to their skills.

As its name implies, the first course is designed to teach students keyboarding skills. Skills are also developed in typing letters, envelopes, statistical material, reports, business forms, and some personal keyboarding. Students will work toward the minimum goal of a straight-copy rate of 35 words a minute with no more than five errors.

In Introduction to Word Processing, students will use Windows computers. Software used includes Word Processing Supervisor, in conjunction with Microsoft Word XP, Microsoft Office, and Micro Type Multimedia Software. Students will also learn to use Power Point for presentations and Excel software for spreadsheets. Students will also spend time at the introductory level learning to use the Internet for research. [Lab fee: $10.00/semester]

Accounting I and II - (70002 and 70103) 1 credit each
These courses cover the analysis and recording of business transactions from the simple to the complex. The principles of accounting learned in these courses are basic for a student's entry into the business world. Accounting simulations and working papers are used to simulate the keeping of actual financial records for various kinds of business.

Students will learn to use accounting software for automated accounting, thus enabling them to learn both manual and automated accounting procedures. Careers in the accounting field will be presented and discussed. Accounting is a one-year course open to juniors and seniors. [Lab fee: $10.00/year]

Career Exploration - (70102) ½ credit
Are you undecided about what to do for the rest of your life? Career Exploration is a course that will enable you to explore many different careers. You will be exposed to career choices, evaluate those careers, and relate your interests and skills to specific occupations while discovering what education you will need.

You will learn how to create a resume, fill out a job application, and interview for a job. Software used in the class includes Horizons and Discover programs, which enable you to search for colleges and technical schools. You will be exposed to career speakers and job shadowing.

This is a one-semester course for students in grades 10-12.

Business Computer Concepts - (70004) ½ credit
This computer course will emphasize the needs of today's world and the growing impact of technology. The course will discuss what computers are, how they work, and their practical applications. Program usage will include word processing, graphics, data base, and other software. Students will create projects using a variety of multimedia programs and devices including presentation software, scanner, digital camera, and video equipment. Desktop publishing for creation of signs, flyers, and brochures will be introduced. Current computer operating systems will be used. An overview of the Internet and its uses will take place throughout the semester.
Prerequisite: Keyboarding. [Lab fee: $10.00]

DRIVER EDUCATION

Driver Education - (300332) ½ credit
This course consists of experiences for the purpose of helping students learn how to use motor vehicles safely and efficiently. Classroom instruction is integrated with practice driving. This semester course is open to sophomores. Students must pass 8 courses the previous 2 semesters before taking driver education. Students must have 5.50 credits, as well as sophomore standing, completed before they may enroll in Driver Education. [Class fee: $50.00]

FAMILY AND CONSUMER SCIENCES

Life Skills - Orientation to Home Economics - (200000) [State Code: HE0010] 1 credit
This course introduces the student to the field of family and consumer science. It is designed to develop the total well-being of the student, enabling him or her to become a healthy, well-adjusted, self-confident, productive individual, family member, and worker. Basic units included in the course are: Relationships, Introduction to Child Development, Basics of Clothing Construction, Life Situations, Decision Making, Handling Finances, Housing and Design, Food Preparation, and Careers.

Orientation to Home Economics is a one-year course open to freshmen, sophomores, juniors and seniors. It is a prerequisite for Foods I, Foods II, and Sewing/Design.

Foods and Nutrition I - (200001) [State Code: HE0050] ½ credit
This course is designed to provide the student with information and experiences in the areas of nutrition, selection, and preparation of food, meal management, safety, and sanitation.

Foods and Nutrition I is open to all sophomores, juniors, and seniors who have passed Life Skills. [Lab fee: $10.00]

Foods and Nutrition II - (200002) ½ credit
Foods and Nutrition II will further develop the student's understanding of nutrition, food selection, and preparation of special dietary needs. Other areas of emphasis are bakery principles, creative cooking, and foreign cookery.

This one-semester course is open to sophomores, juniors, and seniors who have passed Foods and Nutrition I. [Lab fee: $10.00]

Exploring Professional Cooking - (200003) [State Code: HE0400] ½ credit
This course is designed for students interested in a career in food service. Students will learn cost and nutrition analysis while planning and preparing food specialty items. Advanced techniques of food preparation and food presentation will be experienced. Students will participate in a short entrepreneurial experience, food service tours, and restaurant dining experiences.

This course is open to juniors and seniors who have passed Foods and Nutrition I and II. [Lab fee: $10.00/semester]

Parenting and Child Development - (200004) [State Code: HE0120] ½ credit per semester
This course is designed to help students better understand children and the importance of prenatal care and parental interaction. In addition to learning about physical, emotional, social, and intellectual development of children, issues such as special needs, discipline, the importance of play, and child abuse will be covered. Students have the opportunity to work directly with young children on a least two occasions. This one-semester course is open to juniors and seniors.

Sewing/Design – (200005) [State Code: HE0040] 1 credit
Students will complete group and individual projects appropriate for the sewing skills of the class. Demonstrations of various sewing techniques and machine embroidery applications will be provided which can be integrated into student projects. Students will also have the opportunity to practice "digitizing" an embroidery design. Students will need to purchase some sewing supplies. This one-semester course is open to sophomores, juniors and seniors who have passed Life Skills.

Adult Living - (200006) [State Code: HE0110] ½ credit per semester
This course is designed to help students understand their development as individuals, as family members, and as part of society. Adult Living explores all aspects of life: personality development, health, communication, relationships with family and friends, mate selection, marriage, divorce, money management, family planning, parenthood, handling crisis, aging and death. This one-semester course is open to juniors and seniors.

INDUSTRIAL TECHNOLOGY

Introduction to Industrial Technology – (10000) ½ credit
This is an introductory course for any student who has not taken previous coursework in Industrial Technology. The class will learn layout processes for woodworking projects, metalworking projects, basic drafting, carpentry spacing, rafter square usage, and an electrical project.

The student will need a compass, protractor, arithmetic skills in adding and dividing fractions, and basic algebra skills. The student will need to supply safety glasses that comply with the Z87 code for working in the lab. [Lab fee: $10.00]

Basic Woodworking - (10001) ½ credit
This class will help students understand the nature of wood and how to work with wood movement. The student will learn to use a bill of materials and use board foot calculations to estimate the project cost. The student will learn about joint structures, gluing methods, glues, standard case structures, and different finishes that can be used depending on the project of choice. The student will construct several projects so they can develop skills with hand and power tools and that will stress safe woodworking habits. The student will learn to use several hand and power

tools including skill saws, jig saws, hand held sanders, stationary belt sanders, table saw, jointer, thickness planer, scroll saw, band saw, miter saw, hand held router, and router table.

Students will have to demonstrate the knowledge of safety practices whenever they or anyone are using woodworking tools in the lab. The student will be required to supply his or her own safety glasses that comply with the Z87 OSHA code. The student may wish to supply a shop apron or shop coat to protect clothing, a dust mask to protect his/her lungs from dust inhalation, and to supply ear protection to protect him/her from loud noises.

The cost of the materials for projects including wood, finishes, fasteners, and brushes are the responsibility of the student. [Lab fee: $10.00]

Furniture-making – (10002) 1 credit

This class is a continuation of the Basic Woodworking class. The student will construct a project that will involve different types of joints. The student will have to calculate the number of board feet of lumber, purchase the materials needed, and construct the project. The student will use the table saw, router and jigs, jointer, thickness planer, wood lathe, band saw, and many of the hand tools in the classroom. The student will learn about what quality lumber is and how to maintain tools. The student will learn to sharpen hand tools. The finishes that are used will be determined by the project itself.

The cost of the projects, finishes, fasteners, brushes, and any other related materials are the responsibility of the student. The student will be required to have and wear safety glasses that comply with the Z87 code. A student may wish to have some form of protective clothing, shop coat, or apron for class to protect their clothes, a dust mask to protect his/her lungs, and hearing protection. As with the first woodworking class, safety will be stressed in all the class activities.

This year-long course is open to students who have passed Basic Woodworking. [Lab fee: $10.00]

Welding – (10003) ½ credit

Welding is described as a fusion process of joining metals by heating them to a suitable temperature to cause them to melt and fuse together. Welding methods may be divided into two basic forms: the heating of metals with oxygen and acetylene and electric or metallic arc welding.

Oxyacetylene welding is a process completed by heating the metal with an intensely hot flame with a gas-fed torch. The welder may choose to just melt the metals together or may choose to feed additional metal from a welding rod to join the metals so that the product becomes as strong as the parent metal. The student will learn to braze weld, silver solder, and use a cutting torch. The student will also use an oxyacetylene torch for cutting.

Arc welding is the process of joining materials with the use of an electric arc to produce the heat necessary to cause the metals to melt and fuse together. The electric arc will be provided by either a DIRECT WELDING CURRENT (DC) or an ALTERNATING WELDING CURRENT (AC). Students will be asked to weld thick metals and very thin metals. The students will practice flat welds, T-welds, lap welds, round welds, and out of position welds. The student will use AC/DC SMAW (stick welding), GMAW (MIG welding), GTAW (TIG welding), and Plasma Arc cutting.

It should be noted that welding is dangerous because the student is exposed to electric current, intense heat from a torch, weld spatter, arc flash, loud noises from grinding, and flying hot sparks from grinding. Every student will be required to supply safety glasses complying with the Z87 code, earplugs for noise, and welding clothes for dirty work. Throughout the semester, the student will be required to build several projects, and that cost will be paid by the student. [Lab fee: $10.00]

Drafting/C.A.D. – (10004) ½ credit

The language of industry is drafting. The student is challenged to make a picture of a product when he/she does not know how it is to be used. While every manufacturer relies on two dimensional drawings because it gives each manufacturer a specification and method for constructing it, the next generation of companies wants solid model drawings so that the part can be placed in its correct location and fit into the total product. Manufacturing demands that new designs work or can be altered with the least amount of effort, and computer aided drafting is the tool that

has reduced development time. Such realistic drawings can provide mass properties, mold construction, machine-specific geometry, and sales presentation models.

The drafting student will learn the basics of a three-view drawing and how each view relates to the total object. The student will learn fractions and their decimal equivalents. They will learn how basic primitives can be used to make solid models. The students will learn to sweep closed planar profiles to make solid objects and demonstrate the abilities to extrude shapes from solid models and shell out a mold to make the inside hollow.

The student who takes this course should know how to add, subtract, and divide fractions. The student will use geometry to solve many of the drafting problems.

Internal Combustion Engines – (10005) ½ credit

The student will learn basic theory and repair of two-cycle and four-stroke engines. The student will learn precision measurement with scales (precision rulers), dial/vernier calipers, dial indicators, and micrometers. Students will be required to learn basic hand tools used to repair engines and/or automotive related products/systems. They will use compressed air to power tools, power washers to clean parts, grinders to wire wheel off parts, and threading devices to clean or repair internal/external screw threads.

Students will be taught safe work practices, locations of safety equipment, and the proper use of equipment. The students will be required to wear safety glasses when in the lab. The students will have to supply their own safety glasses that comply with the Z87 code. A student may wish to have some form of protective clothing, shop coat, or apron for class to protect their clothes.

Each student may be required to supply a Four-Stroke/Four Cycle Engine to work on in class or be required to work on a car project. While not all engines can or should be repaired because it is not cost effective, a lot of learning will take place. If the student chooses to repair/replace parts to their engines, he or she will be responsible for the cost and effort to find the parts.

Basic Home Technology – (10007) ½ credit

This class will cover many aspects for the homeowner such as basic drafting, wall framing, drywall repair, home electricity, and plumbing. With an ever increasing change from an industrial society to a service industry society, it is important for a homeowner to know how to perform minor repairs, or at least be aware of what constitutes a quality repair without being forced to pay extra for unneeded repairs and/or parts.

The drafting portion will be a pencil and paper rendition for communicating remodeling ideas/proposals to other individuals. The student will learn to draw basic 3-view blueprints and floor plans. In drywall repair, the student will learn how to erect a simple stud wall as used in remodeling and will mud and tape drywall seams and repair holes in drywall. In home electrical repair, the student will learn the importance of proper gauging and use of wiring when repairing and/or remodeling. The student will wire an outlet, light fixture, and a standard and three-way light switch. In home plumbing repair, the student will learn the various types of plumbing, faucet repair and replacement, and bathroom stool repair/replacement when repairing and/or remodeling.

Students will be required to supply safety glasses that comply with the Z87 OSHA code. [Lab fee: $10.00]

LANGUAGE ARTS

English 9 - (500512) 1 credit

English 9, required for freshmen, is both an introduction to literature, such as the short story, biography, drama, the novel and poetry, and a concentrated effort at developing good grammatical and communication skills. Word usage and effect, as well as sentence structure and paragraph development, will be emphasized in grammar, while universal themes and purpose will be given particular attention in literature.

English 10 - (500522) 1 credit

English 10, required for sophomores, is a study of both literature and communication skills. The course involves work in literature, grammar, language usage, sentence structure, composition, the use of reference materials, and vocabulary development through a variety of texts and media.

Speech - (500523) ½ credit

Speech is a one-semester course that explores many aspects of verbal and non-verbal communication through video analysis as well as through individual and group performances. The course work involves vocabulary development, use of persuasion techniques and argumentation, and enhancement of listening skills. This course is required for 11th grade students.

English 11 - (Composition & American Literature) - (500532) 1 credit

An English requirement for juniors, this is a one-year course that chronologically traces the development of American literature from the Colonial period to the 21st century. The course includes vocabulary study, essay writing, and a research paper.

English 12 - (Composition & British Literature) - (500542) 1 credit

This one-year course chronologically traces the development of British literature from Anglo-Saxon times to the 21st century. This course will also include vocabulary study, essay writing, and research work to teach the analytical skills needed for four-year college preparation. Students must choose this course or English 12 - Practical Communication & British Literature.

English 12 - (Practical Communication & British Literature) - (500545) 1 credit

A primary purpose of this one-year course is to demonstrate the role of literature as a mirror of culture. Thus, students study a variety of literature, ranging from British classics such as *Beowulf, The Canterbury Tales,* and *Macbeth* to modern, multicultural works such as *The Fellowship of the Ring, Lord of the Flies, Nectar in a Sieve, Night,* and *Animal Farm* as well as graphic novels and African Literature. Additionally, students engage in vocabulary study and in a variety of speaking, listening, and writing activities, including both critical and creative writing as well as a research project. In essence, this course is designed to improve students' overall language arts skills and to prepare them for either college study or for lifelong learning. Students must choose this course or English 12 - Composition & British Literature as their senior requirement.

Individualized English –

English 9 (500514), English 10 (500524), English 11 (500534), English 12 (500544) 1 credit each

Individualized English is for those students who do not take English 9-10-11-12. Individualized English is a one-year course that involves work in literature, grammar, vocabulary development, and writing skills. Students who take this course are below grade level in language skills. This course is highly individualized, and placement is by staff recommendation only.

Spanish I - (500550) 1 credit

Spanish I is an introductory Spanish language course given at the high school level. This course introduces students to many aspects of the language: reading, writing, speaking, as well as to its cultural content through art, music, films, crafts, and explanation of its value system. At the end of the year, the student should be able to express personal needs in areas of shopping, traveling, and dining; in performing routine activities with the family at home and with friends at school. These expressions will be limited to the simple and present progressive tenses and a "going to future" only. This course is open to all freshmen, sophomores, juniors and seniors.

Spanish II - (500551) 1 credit

Spanish II focuses on broadening the student's vocabulary. Spanish II is an extension of the first year course. The grammatical aspects of the language are to include the imperfect and preterit past tenses; the formal and informal command forms, and the simple future forms. The student is also expected to write one page compositions, but emphasis will be on oral communication. This level is open to all those who have passed Spanish I.

Spanish III - (500552) 1 credit
Spanish III is open to students who have successfully completed Spanish I and Spanish II. Emphasis is on communication, both oral and written. Class is conducted entirely in Spanish.

Spanish IV - (500553) 1 credit
A class conducted entirely in Spanish. Emphasis is on communication, both oral and written. Increasing vocabulary is also a goal.

Digital Creations I - (600601) ½ credit
Digital Creations I is a semester course that will focus on two aspects of communicating with print media: writing and design. Students will learn to communicate a message with various styles of writing and with desktop publishing projects including, but not limited to, brochures, flyers, business communications, advertisements, coupons, menus, forms, booklets, manuals, and newsletters. Students should have an interest in both writing and computer design. Students in Digital Creations I may also be required to write for the school newspaper, yearbook, or other publications. Students will use a digital camera, scanner, and image-editing and page design software to complete their projects and assignments.
Prerequisite: Keyboarding and Introduction to Word Processing. Alternately, students must demonstrate the necessary computer skills as determined by faculty. [Lab fee: $10.00]

Digital Creations II - (600602) ½ credit
Digital Creations II is a semester course that will focus on two aspects of communicating with multimedia: writing and design. Students will learn to communicate a message with various styles of writing and with multimedia projects including, but not limited to, websites, videos, animations, and multimedia presentations. Students should have an interest in both writing and multimedia design. Students in Digital Creations II may also be required to prepare materials for the school website. Students will use web design, animation, presentation, and video editing software to complete a variety of projects and assignments.
Prerequisite: Keyboarding and Introduction to Word Processing. Alternately, students must demonstrate the necessary computer skills as determined by faculty. [Lab fee: $10.00]

MATHEMATICS

Pre-Algebra - (400413) 1 credit
Pre-Algebra is designed for students who would like to take Algebra I but need a better math background first. Topics will include basic operations with integers and real numbers, solving equations, and story problems.

Algebra I - (400411) 1 credit
Algebra I is the generalization of arithmetic in which letters representing numbers are combined according to the rules of arithmetic. Topics include solving equations, solving story problems, polynomials, factoring, linear functions, and graphing. This one-year course is open to all students except freshmen enrolled in Applied Math I or Pre-Algebra.

Algebra Concepts - (400412) 1 credit
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 one-year course is open to Pre-Algebra students to satisfy the algebra requirement.

Geometry - (400422) 1 credit
Geometry is the study of inductive and deductive reasoning by means of observing relationships and properties of finite and infinite sets of points in a plane and in space. Algebra I is a pre-requisite, since algebraic skills are used and strengthened. Geometry is a one-year course, usually taken at the sophomore level, but it may be taken in grades 9-12.

Algebra II - (400421) 1 credit
This is an advanced math course which refines and extends the skills introduced in Algebra I and Geometry. This one-year course is recommended for the student who is strong in math or is college-bound. TI-83 Plus graphing calculators are required for this course and must be purchased by the student (approximate cost $90.00).

Pre-Calculus - (400441) 1 credit
This is a fourth-year course for students who are strong in math or are college-bound. In this course, a student extends algebraic methods to trigonometry and receives a unifying view of mathematical techniques. This is a one-year course open to students who have had Algebra I and II and Geometry. TI-83 Plus graphing calculators are required for this course and must be purchased by the student (approximate cost $90.00).

AP Calculus AB- (400120) 1 credit
AP Calculus AB is designed for students who have successfully completed Pre-Calculus. It is a two-semester course which reviews elementary functions (e.g., algebraic, trigonometric, logarithmic, and exponential) with 90% of the instruction focused on differential and integral calculus and related applications. This course will prepare the students to take the AP Calculus AB Examination in May. Students may also earn college credit depending on the results of the examination. A graphing calculator TI-83 Plus is required and must be purchase by student (approximate cost $90.00).

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

Math - Resource - (400415) 1 credit
By teacher consent only.

MUSIC

Band - (800851) 1 credit
Band is a year-long course open to any student (9-12) with previous instrumental music experience. Students will participate in pep band, marching band, and concert band performances. A wide variety of music for winds and percussion is studied and performed throughout the year. Students are required to attend private or semi-private lessons on a regular basis. In addition, students will have individual opportunities to participate in optional events like Solo and Ensemble Contest, IMEA, and the Conference Music Festival. Attending all full band performances is a course requirement. [Lab fee: $10.00]

Chorus - (800852) ½ credit per semester
High School chorus is a course open to ninth through twelfth graders. 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 have to be available at these times. Students will learn a variety of music of all types: spirituals, sacred, calypso, secular, contemporary, classical, western, folk songs, etc. 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, IMEA Music Festival, and Conference Music Festival. The class also offers the National Anthem Club and provides students opportunities to sing the *Star Spangled Banner* at sporting events. Questions concerning the course should be directed to the instructor.

PHYSICAL EDUCATION

Physical Education - PE9(800009), PE10(800010), PE11 and 12(801112) ½ credit per semester
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. This course will also provide instruction in relation to the prevention of abuse of anabolic steroids. Instruction will emphasize that the use of anabolic steroids presents a serious health hazard. Written and skill tests will also be used to evaluate performance. Classes are conducted on a co-educational basis. Students enrolled in marching band for credit may be excused. Students enrolled in R.O.T.C. may be excused. Physical education is required of all students for every semester that they attend school, unless they are enrolled in Health or Driver Education.

Fitness/Exercise - (801000) 1 credit
Class would include use of current methods to build cardiovascular and muscular strength. Weight lifting, running, stretching, plyometrics, isometrics, and many types of aerobic activities will be included. This would be a replacement option for Physical Education. This is an optional full-year class for juniors and seniors.

SCIENCE

Physical Science I - (600613) 1 credit
Physical Science I is an introductory course for the 9th grade student. This course will stress problem solving, identification skills, and comprehension of basic science terms and skills. This course will also require cooperative skills done with one or more partners during the lab work.

Physical Science II - (600612) 1 credit
Physical Science II is an introductory course for the 9th grade student. The student will study the basic principles of chemistry, the basic principles of physics, energy education, environmental education, consumer education, science careers, and occupational education. This course is required of all 9th graders not placed in Physical Science I.

Health - (600611) ½ credit
This semester course is required of all 9th graders. During this course a number of areas will be covered including the following: human growth and development; human ecology and health; the emotional, psychological, physiological, hygienic, and social responsibilities of family life, including sexual abstinence until marriage; prevention and control of disease; public and environmental health; consumer health; safety education and disaster survival; mental health and illness; personal health habits; alcohol/drug use and abuse; tobacco; nutrition; and dental health.

Biology I - (600623) 1 credit
This is a one-year course that is designed to introduce the basic biological principles of life. The major topics include the cell, its chemical make-up, growth, reproduction, and basic genetics. The students will also survey the different classifications of life forms with an emphasis on the ecological relations of one organism to another. The students will use laboratory experiments, models, charts, and various elements of technology to further their understanding of concepts presented. This course is required for graduation for those students not placed in Biology II. [Lab fee: $10.00]

Biology II - (600622) 1 credit
This is a one-year course that is designed to familiarize the student the basic biological principles of life. The major topics include ecology, cell biology including cell chemistry, anatomy, growth, and reproduction. The students will also extensively investigate genetics and evolution. The student will survey the taxonomy of all the different life forms with an emphasis on the ecological relations of one organism to another. The students will use laboratory experiments, models, charts, and various elements of technology to further their understanding of concepts presented. This course is required for graduation for those students not placed in Biology I. Placement into this class is by staff recommendation only. [Lab fee: $10.00]

Biology - Resource - (600621) 1 credit
This full-year course will focus on the different classifications of living things. Students will use laboratory equipment, visual aids, and hands-on activities to better understand the concepts presented. This course is open to sophomores with teacher permission and replaces Biology I.

Physics - (600631) 1 credit
Physics emphasizes the following areas: dynamics, kinetics, astronomy, atomic structure, heat, wave motion, and electricity. Students must have passed Algebra I before they can take this one-year course. (Grades of "C" or better are recommended.) This course is open to juniors and seniors. This course is offered in alternate years. [Lab fee: $10.00]

Chemistry - (600632) 1 credit
Chemistry is the study of matter, its structures, its reactions, and changes. Laboratory work is the backbone of this course, with mathematics being necessary to understand some principles. To benefit from Chemistry, a student needs curiosity, a logical mind, patience, ability to follow directions, and a respect for safety. Students must have passed Algebra I. (Grades of "C" or better are recommended.) This course is offered in alternate years. This course is open to juniors and seniors. [Lab fee: $10.00]

Physiology - (600642) 1 credit
This is a one-year course that surveys the details of the anatomy and physiology of all the organ systems of the human body. This course is available to those who have successfully completed Biology. [Lab fee: $10.00]

Principles of Technology - (600650) 1 credit
The course is developed to provide an opportunity for students to learn the concepts of physics in a setting where their application in technology is the focus. The concepts of physics are divided into four subunits: mechanical systems, fluid systems, electrical systems, and thermal systems. This course covers the first seven units of Principles of Technology and, in a classroom setting, would be a full school year course. The entire Principles of Technology curriculum is 14 units and would take two years to complete. Completion of the first year is required to enroll in the second year. Completion of at least Pre-Algebra is recommended.

Survey in Botany – (600660) ½ credit
This course is designed to give an overview of the study of plants and plant-like organisms. This course will focus on such topics as careers in botany, plant propagation, importance of plants in society, and plant anatomy physiology. This course will include hands-on activities in plant propagation, as well as media presentation on plant identification and usage.

SOCIAL STUDIES

World Cultures - (700723) 1 credit
This course is designed to familiarize students with essential geographic, historical, and cultural facts, including the study of Nazi atrocities during the Holocaust Period. Admission to this course is by staff recommendation. It is a one-year course required of sophomores not enrolled in World History.

World History - (700722) 1 credit
This course is a survey of ancient, medieval, and modern history which includes the political, economic, and social development of humankind, including the study of Nazi atrocities during the Holocaust Period. Students are also required to study place geography, do historical research, and be aware of current events. World History is a one-year required course for sophomores except for those enrolled in World Cultures.

United States History - (700731) 1 credit
United States History begins with the study of the Pre-Columbian Americas, focusing mainly on the three great Indian civilizations of South and Central America and Mexico. The development of the United States from 1492 to the present will be covered, including the study of the roles and contributions of members of ethnic groups, both sexes, and African-Americans in the country and the State of Illinois.

United States History - Resource - (700733) 1 credit
To replace U.S. History with teacher consent only.

Consumer Education - (700732) ½ credit
This course covers the basic information a student should have to be an intelligent and alert consumer. Credit card usage, identity theft, investing, banking including checking and savings accounts, taxation, insurance, buying a car, understanding the stock market, entrepreneurship, and obtaining a home or apartment are included in the class. The class operates a small business organized as a corporation and learns about production and sales of a product. This is a required semester course which can be taken in the senior year by any student who does not pass the state Consumer Education Proficiency test.

Consumer Education - Resource - (700744) ½ credit
To replace Consumer Education with teacher consent only.

Government - (700741) ½ credit
This course will focus on the principles of representative government, American patriotism, and both the U.S. and Illinois state constitutions. It will also focus on the historical background of our form of government, as well as the study of the Declaration of Independence and the proper use and display of the American flag.

Government - Resource - (700740) ½ credit
To replace American Government with teacher consent only.

AP Psychology - (700742) ½ credit
AP Psychology is a one-semester elective for juniors and seniors. The AP Psychology course 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.

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 beginning the course.

Current Events - (700743) ½ credit
This is a one-semester class open to juniors and seniors as an elective. 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. This course could be repeated.

Work Studies - Resource - (600200) 1 credit
This full-year course is designed to aid students in choosing an occupation or career direction. The course helps students further explore the different careers available, the skills and abilities needed for success in their chosen career, and how to begin a job search. This course replaces World Cultures and is open to sophomores with teacher permission.

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 out into the community and to give of one's time and talents to others. Approval forms are available in the office 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.