

**2008-2009**

**ALEDO HIGH  
SCHOOL**

**GUIDE TO REGISTRATION**

**AND**

**COURSE DESCRIPTIONS**

**Notice of Nondiscrimination**

The Aledo Community Unit School District will not discriminate and will provide equal educational opportunities for all students, including vocational education students, without regard to race, color, national origin, ancestry, sex, ethnicity, language barrier, religious beliefs, physical and mental handicap or disability, or economic and social conditions, or actual or potential marital or parental status.

**2008-2009 ALEDO HIGH SCHOOL  
GUIDE TO REGISTRATION AND COURSE DESCRIPTIONS  
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## INTRODUCTION

This book has been compiled to assist you in selection of classes for next year. It includes a complete list of requirements for graduation (page 2), College entrance requirements (page 3), NCAA guide for college-bound athlete (page 4), classes offered at Aledo High School, plus a description of each course you might take, including prerequisites and fees (page 6-37).

Each student will be provided a registration packet listing required classes and electives appropriate to their grade level. All students are encouraged to review the Course Description Booklet and make sure that they meet the prerequisite requirements before selecting classes. If students need additional help due to uncertainties in their education or vocational decision-making plan, students should seek help from the counselor's office.

Computer scheduling will be used to provide fewer class conflicts and a greater chance for you to enroll in the courses you really wish to take. Students will be given an opportunity to meet in the counselor's office to adjust their schedule. **After this point schedule changes will be held to a minimum. Only extreme circumstances will warrant a schedule change after June 1, 2008.**

Students are advised that, whether scheduling is done manually or by computer, certain course selections will cause personal difficulty in scheduling. The master schedule is designed according to the selections of the majority. Thus, if the student selects a class which is 1) a single section, 2) out of track (college-bound student selects one non-college course), or 3) out of grade level (senior selects a basically sophomore level course), they will have more difficulty getting into that particular class.

A section which should be of special interest to all students is entitled "How to Prepare for College" (page 3). Even for those not planning to attend college, it can be used as a system for planning your future.

Students are required to register for 7 credits. Academically strong students may take 8 credits.

Lab fees are required in certain courses. These fees must be paid in the first ten days of the semester or the student will be dropped from the course.

## GRADUATION REQUIREMENTS

<b>ENGLISH - 4 YEARS</b> (4 credits) English I, English II, English III, English IV Or administrative approval for Writing Fundamentals I & II and/or English Comp. I & II	<b>4 credits</b>
<b>SOCIAL SCIENCE - 2 YEARS</b> (2 credits) American History Civics Electives Pass US and Illinois Constitution Test (Required by Ill.)	1 credit 1/2 credit 1/2 credit No credit issued
	<b>2 credits</b>
<b>MATHEMATICS</b> Grads. 2009 - 3 YEARS (3 credits) Grads 2010- 3 YEARS (3 credits) (Grads 2010 - 1 year must be Algebra I and 1 year must be a course that includes geometry content.)	<b>3 credits</b> 3 credits 3 credits
<b>SCIENCE - 2 YEARS</b> (2 credits)	<b>2 credits</b>
<b>PHYSICAL EDUCATION - 3 1/2 YEARS</b> All students must be registered for physical education each semester except during the semester when taking Health.	<b>3 1/2 credits</b>
<b>HEALTH - 1 SEMESTER</b> - (1/2 credit)	<b>1/2 credit</b>
<b>CONSUMER EDUCATION</b> - (1/4 credit) Consumer Management (1/4 credit)	<b>1/4 credit</b>
<b>DRIVERS EDUCATION</b>	<b>1/4 credit</b>
<b>Fine Arts (1 credit)</b> Music (Band, Chorus, Music Appreciation) Art (any art course)	<b>1/2 credit</b> <b>1/2 credit</b>
<b>REQUIRED ELECTIVES</b> - (1 credit) One credit of the elective courses must be in Foreign Language, Vocational Education, Art or Music	<b>1 credit</b>
<hr/> <b>REQUIRED CREDITS – 17.5 (Grads of 2009 &amp; after)</b>	<b>17.5</b>
Students are required to take designated credits for their graduating class plus enough electives to equal the required credits for their graduating class.	
<b>TOTAL GRADUATION CREDITS NEEDED:</b>	<b>27 credits</b>

On August 3, 2004, Governor Blagojevich signed Senate Bill 2769 to require all students to take the Prairie State Achievement Examination (PSAE) as a condition of receiving a regular high school diploma, unless a student is exempted because of specific circumstances. (Contact the counselor's office for a list of specific circumstances.)

## COLLEGE ENTRANCE REQUIREMENTS

Units	Subjects
4	English (emphasizing written and oral communications and literature).
2 or 3	Social Studies (emphasizing history and government). (Units required vary depending on the college. Check with colleges for specific requirements)
3	Mathematics (introductory through Advanced Algebra, Geometry, Trigonometry, or Fundamentals of Computer Programming.)
3	Science (minimum of two laboratory sciences required).
<u>2</u>	Foreign Language, Music, Art, or Vocation class. *(Check with colleges for specific requirements)
14 or 15	

For the remaining units, students should consult with the high school counselor to determine which courses are most appropriate.

Students shall pass an examination on the Declaration of Independence, the Flag of the United States, the Constitution of the United States, and the Constitution of the State of Illinois.

In order to proceed normally toward graduation a student must enroll in at least 7 credits per year. No credit will be awarded for completion of less than a semester's work (Consumer Management and Driver's Education are the exception).

### HOW TO PREPARE FOR COLLEGE

If you plan to go to college, consider the following:

1. Determine as early as possible whether or not you plan to attend college. Discuss these plans with your parents, seek the advice of the high school counselor and college representative.
2. Select your college early so that you can get a college catalog from the college of your choice. Find out exactly what subjects are required for entrance to both the college or university and the field in which you plan to major. Then, plan your high school courses so that you will have taken the subjects needed to enter college.
3. Colleges and universities are most interested in students who rank in the upper half of their graduating class; some schools require that students rank in the upper quarter or higher.
4. If Possible, plan to visit the college of your choice during vacation periods prior to your senior year. In reality, a college campus may not be what the mind's eye sees through the catalog. (Most colleges provide college visits on Saturday morning for the convenience of students and parents.)
5. Attend college nights when appropriate.  
(Black Hawk College Night is held every fall in Mid-October)
6. Talk to college representatives when they visit the high school.
7. Remember, the best source of specific college/university entrance requirements is the catalog.
8. Check with the college of your choice for the foreign language requirements.\*

# NCAA FRESHMAN-ELIGIBILITY STANDARDS QUICK REFERENCE SHEET

## KNOW THE RULES:

### Core Courses

- **Starting August 1, 2008, 16 core courses** will be required for **NCAA Division I only**. This rule applies to any student first entering any Division I college or university on or after August 1, 2008. See the chart below for the breakdown of this 16 core-course requirement.
- **14 core courses are required in NCAA Division II**. See the breakdown of core-course requirements below.

### Test Scores

- **Division I** has a sliding scale for test score and grade-point average. The sliding scale for those requirements is shown on page two of this sheet.
- **Division II** has a minimum SAT score requirement of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a **sum** of the four sections on the ACT: English, math, reading and science.
- **All SAT and ACT scores must be reported directly to the NCAA Initial-Eligibility Clearinghouse by the testing agency. Test scores that appear on transcripts will no longer be used. When registering for the SAT or ACT, use the clearinghouse code of 9999 to make sure the score is reported to the clearinghouse.**

### Grade-Point Average

- Only core courses are used in the calculation of the grade-point average.
- **Be sure** to look at your high school's list of NCAA-approved core courses on the clearinghouse Web site to make certain that the courses being taken have been approved as core courses. The Web site is [www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net).
- **Division I** grade-point-average requirements are listed on page two of this sheet.
- **The Division II** grade-point-average requirement is a minimum 2.000.

#### **DIVISION I**

##### **16 Core-Course Rule**

##### **16 Core Courses:**

- 4 years of English.
- 3 years of mathematics (Algebra I or higher).
- 2 years of natural/physical science (1 year of lab if offered by high school).
- 1 year of additional English, mathematics or natural/physical science.
- 2 years of social science.
- 4 years of additional courses (from any area above, foreign language or non-doctrinal religion/philosophy).

#### **DIVISION II**

##### **14 Core-Course Rule**

##### **14 Core Courses:**

- 3 years of English.
- 2 years of mathematics (Algebra I or higher).
- 2 years of natural/physical science (1 year of lab if offered by high school).
- 2 years of additional English, mathematics or natural/physical science.
- 2 years of social science.
- 3 years of additional courses (from any area above, foreign language or non-doctrinal religion/philosophy).

**PLEASE NOTE:** For students first entering any NCAA college or university on or after August 1, 2005, **computer science** courses may only be used for initial-eligibility purposes if the course receives graduation credit in mathematics or natural/physical science and is listed as such on the high school's list of NCAA-approved core courses.

**NCAA DIVISION I SLIDING SCALE  
CORE GRADE-POINT AVERAGE/  
OTHER IMPORTANT INFORMATION**

- Division II has no sliding scale. The minimum core grade-point average is 2.000. The minimum SAT score is 820 (verbal and math sections only) and the minimum ACT sum score is 68.

- 14 Core courses are required for Division II.
- 16 Core courses are required for Division I.

- The SAT combined score is based on the verbal and math sections only. The writing section will not be used.

- SAT and ACT scores must be reported directly to the clearinghouse from the testing agency. Scores on transcripts will not be used.

For more information regarding the rules, please go to [www.ncaa.org](http://www.ncaa.org). Click on "Academics and Athletes" then "Eligibility and Recruiting." Or visit the clearinghouse Web site at [www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net). Please call the NCAA Eligibility Center if you have questions:

Toll-free number: 877/622-2321

NCAA Eligibility Center

**08/28/07 LM:cvs**

<b>TEST-SCORE</b>		
<b>New Core GPA / Test Score Index</b>		
<b>Core GPA SAT ACT</b>		
<b>Verbal and Math ONLY</b>		
3.550 & above	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53
2.925	650	53
2.900	660	54
2.875	670	55
2.850	680	56
2.825	690	56
2.800	700	57
2.775	710	58
2.750	720	59
2.725	730	59
2.700	730	60
2.675	740-750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.475	830	69
2.450	840-850	70
2.425	860	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75
2.275	910	76
2.250	920	77
2.225	930	78
2.200	940	79
2.175	950	80
2.150	960	80
2.125	960	81
2.100	970	82
2.075	980	83
2.050	990	84
2.025	1000	85
2.000	1010	86

## Distant Learning At Aledo High School

***Black Hawk College English Composition I and II, is one example of a distance learning dual credit class offered at Aledo High School. Please check with the school counselor for additional course offerings.***

Distant learning is popular in most states throughout the United States. Distant learning allows upperclassmen to enroll in a concurrent education program while attending high school. During the 2008-2009 school year Aledo High School students meeting the Compass test requirements will have four ways to participate in distant learning.

1. Students may take on site courses conducted by teachers who are BHC adjunct faculty in the after school and evening hours.
2. Students may commute to the BHC campus for classes. This will allow students to participate in classes not offered at AHS. (Must register for at least 4 classes per semester at Aledo High School (Study Hall not included) and be on target for graduation, plus Black Hawk College Classes)
3. Students may register for dual-enrollment courses. Students may receive high school and college credit simultaneously if they meet qualifying Compass scores and the class is taught at Aledo High School. **Students are always responsible for college tuition.**
4. Students may take approved college credit classes at Aledo High School during the school day with the help of interactive television.

(Interactive television course: Students can see the professor, the professor can see the students, plus participants can talk and interact with each other.

With interactive television students may register for \*dual credit or college credit. (\*EXAMPLE: High School English IV and College English credit may be earned at the same time by taking one class.)

### **Students wanting to participate in distant learning:**

1. Must complete a Black Hawk College Application. (Available at [www.bhc.edu](http://www.bhc.edu))
2. Must take the Compass Test at Black Hawk College. The Compass Test will be given at Black Hawk College for Aledo High School students on scheduled evenings and Saturdays. Students may register for test dates by calling Black Hawk College. (1-800-334-1311)
3. Must meet the asset score requirements and meet with a BHC admission advisor before they will be allowed to register for classes.
4. Must complete a permission slip "High School Student To Attend Black Hawk College Form". (Forms available in the AHS counselor's office.) The following information must be included: course number, credit hours, time class is scheduled, parent's signature, & school official's signature (from high school and Black Hawk College).
5. May register on the Black Hawk campus or register by touch-tone after completing numbers one through five.
6. Need to register for at least 4 classes per semester at Aledo High School (Study Hall not included) and be on target for graduation when taking college courses on a college campus. (See the high school counselor's office for the number of credits students must take at BHC in order to remain half-time status at Aledo High School.)
7. It is the student's responsibility to pay for tuition, transportation expenses, and all related post-secondary school expenses by the deadlines set by Black Hawk College.
8. Students must visit the Black Hawk College bookstore prior to the first day of class each semester to purchase all necessary supplies.

### **Paying for Dual Credit and Other College Classes**

**The Aledo Community Unit #201 School District is not responsible for expenses associated with any post-secondary expenses including dual credit classes. Students are entirely responsible for all college related expenses for each semester including tuition, books, supplies, fees, transportation and other incidental charges.**

Sometimes the Illinois Community College Board assists eligible high school students with tuition expenses for those who want to enroll in college-level classes prior to their high school graduation. Applications may be picked-up in the high school guidance office when funding is available. Students are encouraged to apply early because funds are always limited when offered, and are issued one semester at a time. Funding programs may be discontinued at any time just as tuition expenses may increase at any time. Students who receive funding but withdraw from a college level class will be responsible for the full amount of tuition and fees.

## COURSE DESCRIPTION

### ENGLISH

English is the study of literature, composition, grammar, and public speaking:

- \* Reading is basic to the English program, and each teacher seeks to improve the reading ability of his students.
- \* Through frequent writing assignments, students learn to express ideas accurately and effectively.
- \* In the study of grammar, students learn correct conventions of style and usage.
- \* Speaking situations develop self-confidence and enhance effective group discussions.

#### **1003 ENGLISH I**

Grade Level: 9

Credit: 1

Fees: None

The primary focus of the English I will be writing, as per the revised graduation requirements issued by the State of Illinois (P.A. 94-0676 (SB 575)).-Ninth grade English serves as a transition between the Language Arts program at the elementary level and English composition and literature at the secondary level.

#### **Grade 9 English Department Writing Curriculum**

Expository Research Paper (Influential People/Authors)

Formal Essays

- Expository (ie: in conjunction with the novel Of Mice and Men)
- Narrative/Descriptive (ie: in conjunction with the play Romeo and Juliet)
- Persuasive (ie: link to literature studied)

Timed Essays

#### **1013 ENGLISH II**

Grade Level: 10

Credit: 1

Fees: None

Prerequisites: English I and administrative approval

English II is a grammar, composition, and literature course. Grammar will include the study of the sentence, the phrase, the clause, and usage. Composition will include sentence combining and revising, paragraph development, and longer expository, narrative, and persuasive papers. Literature includes study of short stories, plays, poetry, and novels. An outside reading program, which requires the reading of novels, is also part of English II.

#### **Grade 10 English Department Writing Curriculum**

Exploratory Research Paper (ie: Career Paths)

- 4-6 typed pages plus Work Cited Page

Formal Essays

- Expository (ie: in conjunction with the novel Lord of the Flies)
- Persuasive (ie: in conjunction with the play Julius Caesar)
- Compare/Contrast (ie: link to literature studied)

Timed Essays

### **ENG 081 WRITING FUNDAMENTS I**

Grade Level: 11,12                      Credit: ½                      Fees: None

Prerequisite: The appropriate COMPASS score & administrative approval

Emphasizes basic grammar, sentence structure, and the fundamental principles of paragraph development in order to prepare for English 091.

### **ENG 091 WRITING FUNDAMENTS II**

Grade Level: 11,12                      Credit: ½                      Fees: None

Prerequisite: The appropriate COMPASS score or completion on ENG 081 with a grade of "C" or better and administrative approval

Emphasizes strategies for organization and development of paragraphs and short essays. This class is designed to prepare students for English IV or for English Comp. I or II for college credit as a senior.

### **1023 ENGLISH III**

Grade Level: 11                              Credit: 1                              Fees: None

Prerequisites: English II, appropriate Compass score & administrative approval.

English III will study various authors in American Literature. The course will further develop grammar usage and mechanics skills. The Aledo High School Writing Guide will be used for writing assignments. Students will develop writing skills through various formal and informal assignments that further develop expository, descriptive, persuasive, argumentative and literary analysis skills. Students will evaluate their peers' writing as well as their own writing through peer discussions. They will write a personal statement for a college admissions department during a career unit. Students will also write a formal research paper.

In addition, the English III curriculum includes a unit on careers and post-secondary options. This will include ASVAB testing, interest inventories, self-assessments, and computer searches in the following areas: post secondary schools/training, careers, scholarships, and state/federal financial aid.

### **Grade 11 English Department Writing Curriculum**

Persuasive Research Paper (ie: Current Issues)

- 7-9 typed pages plus Works Cited Page

Formal Essays

- Narrative/Descriptive (ie: in conjunction with the play *The Crucible*)
- Persuasive (ie: in conjunction with the novel The Scarlet Letter)
- Compare/Contrast (ie: in conjunction with the novel Huckleberry Finn or the Great Gatsby)

Timed Essays

## 1063 ENGLISH IV

Grade Level: 12

Credit: 1

Fees: None

Prerequisites: English III, or Writing Fundamental I (081) and II (091), appropriate Compass score & administrative approval.

English IV will study various authors in British and World Literature. The course will develop grammar usage and mechanics through periodic mini lessons. Students will pursue mastery of standard English. The Aledo High School Writing Guide will be used as a reference for writing assignments. Students will develop writing skills through various formal and informal assignments that develop expository, descriptive, persuasive, argumentative and literary analysis skills. Students will further these writing skills in the form of a formal research paper. They will read and exhibit verbal and written skills for one or two novels or plays.

### Grade 12 English Department Writing Curriculum

Compare/Contrast Research Paper (with Analysis)

- 10-12 typed pages plus Works Cited Page

Formal Essays

- Expository (ie: in conjunction with the novel Things Fall Apart)
- Persuasive (ie: link to literature studied)
- Compare/Contrast (ie: in conjunction with the play *Hamlet*)

## 1065 ENGLISH IV - Black Hawk College English Composition 101 Dual Credit

Grade Level: 12

Credit: 1

Fees: Black Hawk College Tuition

Prerequisites: Successful completion of English 091 or the appropriate score on the Compass Writing

Skills test or writing sample. **Students must agree to take English Composition 101 & 102.**

At the time of registration students may register for \*dual credit or college credit.

(\*High School English IV and College English credit may be earned at the same time by taking one class. Most colleges allow English Composition I & II to transfer in as college credit eliminating the need to take English I in college. It is the student's responsibility to check with the college(s) of his/her choice to insure the class will transfer.) **Students are responsible for their own college fees, textbooks, and transcripts for first and second semester. Students should be aware that some classes are held on days when Aledo High School is not in session.**

### English 101 Composition I

Prerequisites: See above

Credit ½

Fees: 3 hours at \$81 per credit hour currently plus books.

Tuition is subject to change as assigned by Black Hawk College.

English 101 is designed for students who are competent in the fundamentals of composition. Students will write essays using a variety of expository strategies and will apply standard techniques of documentation. One hour lectures on Mon., Wed., Fri., with the BHC professor. Students have a 45 min lab on Tues, & Thurs., with an Aledo High Staff Supervisor.

### English 102 Composition II

Prerequisites: Grade of C or better in English 101 Credit ½ Fees: 3 hours at \$81 per credit hour currently plus books. Tuition is subject to change as assigned by Black Hawk College.

English 102, a continuation of English 101, is a composition course that involves reading, discussion, and analysis of a body of writing to generate ideas for critical and persuasive papers, including one documented research paper. One hour lectures on Mon., Wed., Fri., with the BHC professor. Students have a 45 min lab on Tues, & Thurs., with an Aledo High Staff Supervisor.

### **1122 SPEECH (elective)**

Grade Level: 10, 11, 12                      Credit: 1/2                      Fees: None

This elective course is designed to cover basic verbal and non-verbal communication skills. Students will learn the nature and purposes of speech communication. Initially, students will spend time in improving self-confidence and overcoming fears about speaking before an audience. In preparing and presenting speeches, students will learn to analyze their audience, select appropriate topics, manage voice and gestures, handle visual aids, construct effective introductions and conclusions, and make use of audience feedback.

### **1142 JOURNALISM (elective)**

Grade Level: 10, 11, 12                      Credit: 1/2                      Fees: None

Prerequisite: Keyboarding or Computer Formatting or Keyboarding Proficiency test

In this introductory class, students will explore the principles of and develop the skills to practice responsible journalism. Hands-on activities will involve students in using news judgment, interviewing, conducting surveys, writing leads, handling quotes, writing news stories, sports stories, features, and editorials, editing and lay out, using photos. The class may be responsible for written and photographic coverage of classroom activities for the local newspaper.

## **SCIENCE**

A knowledge of science should be a top priority in the preparation of every student. In addition to being essential for anyone desirous of a place in the highly technological world of the present and future, science also has its practical side in preparing citizens for the everyday experiences they will encounter. High school science courses are designed to provide training and intellectual background for students in all such areas. Courses are available for: (1) students planning to go to college but not yet sure what their areas of concentration will be; (2) students whose formal education will end upon graduation from high school; and (3) students planning to major in the sciences or a related field.

### **1493 PHYSICAL SCIENCE**

Grade Level: 9 or administrative approval                      Credit: 1                      Fees: None

This freshman course is designed to review, enhance, and add to all of the physical science principles that the students have encountered prior to entering high school. While a large part of the material is presented in the traditional lecture-demonstration format, extensive use of the laboratory facilities afford all students ample opportunity to develop and sharpen their problem-solving, identification, directional, safety, and manipulative laboratory skills. Many aspects of physical science are touched on in this course, with emphasis on scientific method, motion, Newton's Laws, forces, energy, simple machines, electricity and magnetism, and problem solving.

Movies, video tapes, transparencies and Power Point Presentations are used to illustrate and enhance the lessons. Special problem solving projects, including "Mousetrap Cars", "Paper Helicopters", "Hole in One", Aluminum Foil Boats, Match Rockets, Consumer Testing and more, have also been added to the Physical Science curriculum.

Students are encouraged to become involved in the excitement of science and our universe. They have the opportunity to "learn by doing", but their classroom time is, at the same time, structured according to traditional methods, with ample teacher-student and teacher-class interaction.

### **1503 APPLIED SCIENCE (Chemistry/Earth Science)**

Grade level: 10, 11, 12                      Credit: 1                      Fees: None

Prerequisites: Physical Science and Administrative Approval

This course is designed for students taking two years of science to satisfy the school's graduation requirements. Topics covered include heat, waves, sound and light, Earth's internal processes, atoms, chemical bonding, weathering, and stars and galaxies.

The traditional lecture-demonstration is interspersed with hands-on laboratory activities. A research project, with display and verbal presentation is required of all students.

### **1523 BIOLOGY**

Grade Level: 9 - 12                      Credit: 1                      Fees: \$5.00

Prerequisites: Physical Science

An introduction to the biological science world. Subject areas that will be covered include cellular biology, biochemistry, genetics, ecology, and microbiology. One hour lab per chapter-

### **1543 ANATOMY-PHYSIOLOGY**

Grade Level: 10, 11, 12                      Credit: 1                      Fees: \$5.00

Prerequisites: Physical Science, Biology and Chemistry I or taking Chemistry I concurrently

An advanced course designed for the college-bound student. A study of structure and functions of the human body. One hour lab for every four lecture hours Offered alternate (even) years with 1563 Zoology. (odd years)

### **1563 ZOOLOGY**

Grade Level: 10, 11, 12                      Credit: 1                      Fees: \$5.00

Prerequisites: Physical Science, Biology and Chemistry I or taking Chemistry I concurrently

A general survey course starting with unicellular organisms and going up through man. In addition to general observations, similarities between phyla will be stressed. The inter-relationships of all life will be studied and identified in a field study. One hour in lab for every four lecture hours. Offered in alternate (uneven) years with 1543 Anatomy / Physiology. (even years)

### **1583 CHEMISTRY I**

Grade Level: 9 - 12                      Credit: 1                      Fees: \$5.00

Prerequisites: Physical Science, Biology and Algebra I or administrative approval

Chemistry I is a science course that deals with measurements, matter and its changes, atomic structure, periodic law, chemical bonding, chemical composition, equations and mass relationships, gases and gas laws, solutions, ionization, acids, bases, acid-base titration's, and PH. This course utilizes both lecture and laboratory sessions. The laboratory sessions involve investigations that will allow students the opportunity to "discover" important chemical concepts or reinforce concepts learned in lecture.

**1603 CHEMISTRY II** (Offered every other year if numbers warrant.)

Grade Level: 11, 12      Credit: 1      Fees: \$5.00

Prerequisites: Physical Science, Biology, Chemistry I, Physics I (may be concurrently enrolled), and Algebra II (may be concurrently enrolled), or administrative approval.

Chemistry II is a continuation of Chemistry I. The course deals with the chemistry of hydrocarbons, reaction energies and kinetics, chemical equilibrium, redox reactions, elements of period three, group I and II metals, transition metals, aluminum and the metalloid, nitrogen and its compounds, sulfur and its compounds, the halogen family, and radioactivity. Laboratory and lecture sessions work together to develop in students an understanding of the concepts of chemistry and how they relate to the world in which we live.

**1623 PHYSICS I**

Grade Level: 10, 11, 12      Credit: 1      Fees: \$5.00

Prerequisites: Physical Science, Biology, Chemistry I, Algebra I, Geometry, & Algebra II (prior to or concurrently), or administrative approval  
Scientific calculator (required)

Whether the student plans on going into business, teaching, medicine, agriculture, engineering, or virtually any other field, he or she will find knowledge of physics very useful. Students become familiar with such fascinating topics as motion, forces, structural design, energy interactions, and more. Real-life applications are constantly stressed, and concepts are developed through lecture-demonstrations, computer-assisted activities, a variety of audio-visual aids, and extensive computer interfaced laboratory experiences. A strong emphasis is placed on problem solving. One of the highlights is the annual "Rube Goldberg Competition". Students completing this course will have a good foundation for the further study of physics in Physics II and in physics courses at the college level.

**1643 PHYSICS II** (Offered every other year if numbers warrant.)

Grade Level: 11, 12      Credit: 1      Fees: \$25.00 for electronics supplies  
(Fee not collected at Registration)

Prerequisites: Grade of A or B in Physics I or teacher approval.

Physics II is not Advanced Physics, but it does build on the information and skills learned in Physics I. It provides such possible additional topics as waves, sound, light, electricity and magnetism, and amusement park physics (circular and rotary motion). The Theory of Relativity and Nuclear Physics are also covered, time permitting. Many of the same techniques used in the previous course will be incorporated into the teaching of Physics II. This course is no more difficult than Physics I and is a must for any student interested in having a well-rounded physical science background. Highlights of the course include an electronics lab project and many interesting computer interfaced labs. If you liked Physics I even a little bit you will love Physics II.

## **MATHEMATICS**

Increasingly, the demand in today's world is for capable problem solvers who are technologically proficient. All career fields require more math today than ever before. Each student beginning with the class of 2009 must meet the graduation requirement of three credits in mathematics. Starting with the Class of 2010, all students will need one credit of geometry content and one credit of Algebra I.

### **2003 PRE-ALGEBRA**

Grade Level: 9-12                      Credit: 1                      Fees: None

Prerequisites: Administrative Approval

Pre-Algebra is a course designed for the students who may lack the basic math skills and knowledge needed to be successful in Algebra. Topics in Pre-algebra include review of basic operations with integers, decimals, fractions, ratios, proportions, percents and simplifying algebraic expression (including polynomials), solving equations and inequalities, word problems, coordinate systems (including linear systems of equations and inequalities), and square roots. Students will use both traditional paper and pencil methods as well as calculators. Students who successfully complete this course will receive administrative approval for either Integrated Algebra/Geometry or Algebra I.

### **2023 ALGEBRA I**

Grade Level: 9 - 12                      Credit: 1                      Fees: None

This course covers topics essential to most vocations and to the future study of mathematics. Topics in Algebra include variables, functions, rational and irrational numbers, equations, inequalities, linear equations, exponents, polynomials and factoring. A strong emphasis is placed on problem solving and critical thinking.

### **2010 INTEGRATED ALGEBRA/GEOMETRY**

Grade Level: 10-12                      Credits:1                      Fees: None

Prerequisites: Pre-Algebra and Administrative Approval

This course is designed to meet the minimum requirements of the State of Illinois for Geometry. This is not an entry-level course for incoming freshmen. In this course students will continue to study basic algebraic skills while integrating geometric concepts. Areas of geometry that will be emphasized will include perimeter and area of polygons, area and circumference of circles; coordinate geometry, slope of lines, angle measurement and relationships, volume, surface area and classification of polygons. This course is not part of a college preparatory sequence. Students completing this course will need Algebra I to meet the State of Illinois requirement for Algebra.

### **2063 GEOMETRY**

Grade Level: 9 - 12                      Credit: 1                      Fees: None

Prerequisites: Algebra I

This course is a study of geometric relationships in a plane and in space, designed to develop an understanding of the meaning and nature of proof; to teach the method of deductive proof in both mathematical and non-mathematical situations; to develop the ability to think creatively and critically in both mathematical and non-mathematical situations; and to integrate Geometry with arithmetic and Algebra.

## **2083 ALGEBRA II**

Grade Level: 10, 11, 12                      Credit: 1                      Fees: None

Prerequisites: Algebra I and Geometry or Geometry concurrently, appropriate Compass score & administrative approval.

Algebra II will include basic topics: Linear equations and graphs, systems of equations, matrices, quadratic equations and their graphs, special products and factoring, polynomial functions, radicals, linear and quadratic inequalities. Students will be introduced to trig functions and graphing calculator technology. This math will be especially helpful to students planning careers in the field of: agriculture, biology, business administration, economics, engineering, medicine and psychology.

## **MATH 080 BASIC MATHEMATICAL SKILLS**

Grade: 11, 12                                      Credit ½                                      Fees: None

Prerequisite: Appropriate Compass placement score/administrative approval

Review of basic computational skills including operations with fractions, decimals, percent, ratio and proportion, English and metric measurement, and formulas for area, perimeter and volume.

## **MATH 081 BASIC ALGEBRA**

Grade Level: 11, 12                              Credit: ½                                      Fees: None

Prerequisite: Appropriate placement score or Math 080 with a grade of "C" or higher/administrative approval

Introductory algebra includes sets, properties of real numbers, operations with rational and irrational numbers, monomials, basic factoring, solving, first and second degree equations, and an introduction to linear and quadratic functions and their graphs.

## **MATH 085 PLANE GEOMETRY**

Grade Level: 11,12                              Credit: ½                                      Fees: None

Prerequisite: Appropriate placement score or Math 081 with a grade of "C" or higher/administrative approval

Includes construction techniques, congruency, angles and triangles, similar polygons, parallel lines and planes, areas and volume, logic, and formal proofs.

## **MATH 090 INTERMEDIATE ALEGBRA**

Grade Level: 11,12                              Credit: ½                                      Fees: None

Prerequisite: Appropriate placement score or Math 081 with a grade of "C" or higher/administrative approval

Extension of basic algebraic properties and techniques. Includes real number properties polynomials, factoring, rational expressions, logarithm, and exponents, first and second degree equations and inequalities, functions, and graphing.

### **2123 PRE-CALCULUS**

Grade Level: 11, 12

Credit: 1

Fee: None

Prerequisites: Algebra I, Algebra II, Geometry, appropriate Compass score & administrative approval.

Pre-Calculus is a one year course offered to students to give them a background for calculus. Pre-Calculus will enable students to study in depth the topics of advanced algebraic expressions, properties of functions, conic sections, polar coordinates, and complex numbers, sequences, series extensive graphing, trigonometric functions, trigonometric identities, plus probability and statistics. There is in depth use of graphing calculators. It would be best if students purchase his/her own graphing calculator.

### **2143 CALCULUS**

Grade Level: 12

Credit: 1

Fees: None

Prerequisites: Algebra I, Algebra II, Geometry and Pre Calculus (C or better recommended in Pre-Calculus), appropriate Compass score & administrative approval.

This course makes extensive use of plane Geometry and Algebra. Added to these are the notion of limit and limiting processes. Topics include: functions, limits, derivatives, integrals, transcendental functions, techniques of integration, conic sections, hyperbolic functions, volume of revolutions/area and concepts related to physics. Students who take this course are preparing for college study in Business, Economics, Physics, Engineering, and Mathematics.

### **2182 COMPUTER DESIGN & ROBOTICS**

Grade Level: 10, 11, 12

Credit: 1/2

Fees: \$5.00

Prerequisites: Geometry and one of the following: Keyboarding/Formatting or pass the Keyboarding proficiency test. (The Keyboarding proficiency test will be given in March. See the counselor for details.)

Computer Concepts is a multi-faceted class that incorporates technology. Students will learn how to use the scanner, digital camera, video/digital camera, HTML and RCX programming languages and a CAD program. Students will use these skills learned in two different units. The first unit will be a Lego® Mindstorms robotic unit. Students will program, build and record the progress of robotics to solve a particular situation under given constraints. The second unit will be that of constructing a web page using HTML programming language.

1 Week: Digital Camera, Scanner, Video/Digital Camera

9 Week Unit: RoboLab

8 Week Unit: Web Page

## **SOCIAL SCIENCE**

The primary purpose of the Social Science curriculum is to assist each student in the development of intelligent and responsible citizenship and to provide classroom experiences which will help in gaining a knowledge of and allegiance to democratic ideas and values. The faculty members believe that a knowledge of our heritage is necessary for the intelligent, educated person, but also that this knowledge must be matched to the problems of today to be truly worthwhile.

## **2502 GEOGRAPHY OF THE WESTERN HEMISPHERE**

Grade Level: 9 or instructor's approval      Credit: 1/2      Fees: None

A comparative study of the Geography and cultures of the nations and peoples of the Western Hemisphere, that focuses on the similarities and differences between the U.S. Culture and those of other regional nations.

## **2522 GEOGRAPHY OF THE EASTERN HEMISPHERE**

Grade Level: 9, 10, 11, 12      Credit: 1/2      Fees: None

A comparative study of the Geography and cultures of the nations and peoples of the Eastern Hemisphere, that focuses on the similarities and differences between the U.S. Culture and those of other regional nations.

## **2542 CIVICS**

Grade Level: 9      Credit: 1/2      Fees: None

This course is designed to provide an in depth instruction of the elements of productive citizenship and includes state-mandated coverage of the U.S. and Illinois Constitutions. Students will also be introduced to the structure of the American form of government, election laws and procedures, and the dynamics of our two-party dominated political system. In addition, course content would include analysis of social issues and events and their presentation by different media forms, critical-thinking projects, and required documented community service activities in cooperation with local social service and government agencies and institutions.

## **2544 POLITICAL SCIENCE**

Grade Level 10, 11, 12      Credit 1/2      Fees: None

This course is designed for the independent, creative, and motivated student who wants a more clear understanding of policy-making bodies, their processes, and how to gain access to them. It will utilize a number of teaching and learning styles and will involve the use of the Internet on a constant basis. The primary goal in this is the encouragement of "out-of-the-box" thinking and communicating. Topics covered will include current social, legal, and political issues.

## **2563 WORLD HISTORY**

Grade Level: 10, 11, 12      Credit: 1      Fees: None

A survey of World History from ancient cultures into the 20th Century. Emphasis will be placed on the central historical themes such as Imperialism, Nationalism and racial-religious conflicts, i.e. the Holocaust, European dominance of the Third World and the democratic movements that have shaped the modern world.

## **2583 AMERICAN HISTORY**

Grade Level: 11      Credit:1 (required)      Fees: None

A survey of American History focusing on the events, movements, and ideas that have shaped the 20th century and prepare us for the 21st.

**2602 ECONOMICS (Semester 1) (Not offered 2007-2008)**

Grade Level: 12                      Credit: 1/2                      Fees: None

An introduction to the theoretical and practical aspects of the field of Economics. Emphasis will be placed on human and institutional behaviors within a variety of economic roles that participate in Capitalist, Collectivist, and Mixed Economies. Examinations of the roles of labor, government, and the consumer in the economy will also be undertaken. This course also focuses on the impact of international lending institutions and assistance agencies on lesser-developed countries. This course meets the requirement for consumer education instructions required by the School Code of Illinois (Section 27-12.1).

**2622 SOCIOLOGY (Semester 2)**

Grade Level: 12                      Credit: 1/2                      Fees: None

This course includes study of the nature of sociology, culture, socialization, groups, institutions, communications, cultural development and change. Students will be provided an opportunity to define sociology, analyze the tools and techniques of sociology and understand sociological terminology. Also, students explore the process of socialization; analyze types of groups and interactions among groups; analyze social institutions, their structures and function; understand roles of beliefs, morals, traditions and folk-ways in a culture; analyze social problems in selected cultures; and analyze roles of people in various situations and relationships. Students will be provided opportunities to explain symbolic communications, understand the impact of media on groups and analyze forms of propaganda and propaganda techniques. Students will be introduced to the concepts of cultural and social change, the impact of science and technology upon people and culture and the effects of cultural contact diffusion.

**2662 WORLD GOVERNMENT (Semester 2)**

Grade Level: 12                      Credit: 1/2                      Fees: None

The course will be an in-depth evaluation of present and past governments, which have had a dramatic effect on our present world. This course focuses on the issues, ideas and events that have impacted, and continue to impact the condition of international relations. A number of teaching and learning strategies will be utilized and the World Wide Web will be accessed on a constant basis. Awareness of an internationalist perspective will be emphasized.

**PHYSICAL EDUCATION**

All students must be registered for physical education each semester except during the semester when taking health. Students who have medical excuses so stated by a licensed medical doctor are also exempt.

**3102 P.E. (Semester 1)**

**3122P.E. (Semester 2)**

Grade Level : 9, 10, 11, 12

Credit: 1/2

Fees: Lock \$5. if lost & gym suit \$20.

Prerequisites: None

Bowling \$20 &

Swimming 50 cents per day

This course will introduce each student to a wide variety of team, individual, and life time sport activities that can be carried over in the future. Some possible activities include flag football, soccer, volleyball, softball, badminton, basketball, floor hockey, pickle ball, track, swimming, speedball, archery, bowling and physical conditioning. Individual skills will be stressed at this level

**3130 BODY CONDITIONING (Semester 1)**

**3132 BODY CONDITIONING (Semester 2)**

Grade Level: 9-12

Credit: ½ per semester

Fees: Lock \$5. if lost & gym suit \$20.

This class will involve the development of muscular strength, endurance, in conjunction with speed, agility and balance. Cardiovascular fitness may be included. Safety and modern techniques of strength training as well as skill related fitness drills will be emphasized. Class size is limited for student's safety. Journals will be required for students to keep track of his/her progress.

**3142 Zero Hour P.E.**

**(Semester 1)** Only offered as needed in the master schedule to accommodate large classes.

Grade Level: 10, 11, 12

Credit 1/2

Fees: Lock \$5. if lost & gym suit \$20.

This course will introduce students to the same activities found in the description for P.E. 3102.

This course is designed for students taking 7 or more classes to meet post-secondary plans.

**3162 Zero Hour P.E.**

**(Semester 2)** Only offered as needed in the master schedule to accommodate large classes.

Grade Level: 10, 11, 12

Credit 1/2

Fees: Locker \$5. & gym suit \$20.

This course will introduce students to the same activities found in the description for P.E. 3122.

This course is designed for students taking 7 or more classes to meet post-secondary plans.

**ATHLETIC P.E.**

The goal of Athletic P.E. is to give junior and senior athletes an opportunity to earn a 1/2 credit of P.E. while participating in sports each semester. Students who actively complete a full season in one or more of the following sports will earn a 1/2 credit of P.E. **Students who drop out of a sport for any reason must-complete and submit a drop form to the main office and register for another P.E. class so a 1/2 credit may be earned for that semester.**

**3182 FIRST SEMESTER ATHLETIC P.E.**

(Pass/Fail credit, Counts towards graduation but does not count toward GPA)

Grade level: 11, 12

Credit: ½ (Pass/Fail credit)

Fees: None

Must participate in one or more of the following: cheerleading, football, golf, and volleyball, cross country. (Grading will be pass/fail.) It is the students responsibility to immediately register for a P.E. class if they do not complete an athletic season. The only exception is when a student has a medical excuse from a doctor.

### **3202 SECOND SEMESTER ATHLETIC P.E.**

(Pass/Fail credit, Counts towards graduation but does not count toward GPA)

Grade level: 11, 12                      Credit: ½ (Pass/Fail credit)                      Fees: None

Must participate in one or more of the following: baseball, basketball, cheerleading, softball, track, and wrestling. (Grading will be pass/fail.) It is the student's responsibility to immediately register for a P.E. class if they do not complete an athletic season. The only exception is when a student has a medical excuse from a doctor.

### **3222 P.E. Waiver                      (Semester 1)**

### **3242 P.E. Waiver                      (Semester 2)**

Grade Level: 9 - 12                      Credit: Zero                      Fees: None

Students with written orders from a licensed physician may obtain a P. E. waiver. With a P. E. waiver students do not participate in P.E. or earn credit but still meet Aledo High School's and the state's P.E. requirement for graduation. It is the student's responsibility to file in the main office a written note from a licensed physician stating the time period they are not allowed to participate in Physical Education.

### **3262 HEALTH                      (Semester 1)**

### **3282 HEALTH                      (Semester 2)**

Grade Level: 10                      Credit: 1/2                      Fees: None

The goal of health is to give adolescence practical health knowledge for present and future. Topics include mental health (including stress and stress management), personal health care (including physical fitness, nutrition, oral hygiene), conception and birth, adolescence, and human sexuality, AIDS, and STD's, drug use and abuse, (including alcohol, tobacco, drugs).

## **FAMILY AND CONSUMER SCIENCES**

The Family and Consumer Science field includes a variety of life skill training in many areas. These areas include: safe food handling; food preparation and nutrition; clothing construction; quilting; textiles; parenting; child growth and development; adult living; living environments and resource management. Student's values, goals, decisions and careers are discussed and emphasized.

### **3502 ORIENTATION TO LIFE (Learning for Independence, Family and Employment)**

Grade Level: 9, 10,11,12                      Credit: 1                      Fees: 10.00

The LIFE course is an introduction to the Family and Consumer Science field as described above. The fall semester of LIFE class emphasizes but is not limited to resource management, careers, and basic sewing skills. Students will provide sewing supplies and fabric for their sewing projects. The spring semester of LIFE class focuses on, but is not limited to safe food handling and preparation.

### **3522 FOODS AND NUTRITION**

Grade Level: 10, 11, & 12      Credit: 1/2      Fees: 10.00

Prerequisites: Orientation to Family & Consumer Sciences or Instructor approval.

This course includes basic classroom and laboratory experiences needed to develop knowledge and understanding of basic food principles and nutrition for people of all ages. Course content centers around: food service and preparation management using the decision-making process; meeting basic needs by applying nutrition concepts; meeting health and safety needs in planning, preparing and serving food; maximizing resources when planning/preparing/serving food; promoting hospitality in food practices; and analyzing individual and family nutritional needs in relation to change. Information related to careers in foods and nutrition is incorporated throughout the course.

### **3542 CLOTHING AND TEXTILES**

Grade Level: 10, 11, 12      Credit: 1/2      Fees: None

Prerequisites: Orientation to Family & Consumer Services or Instructor approval

This course provides knowledge and understanding of textiles, fashions, and fabrics in meeting the clothing and fabric (fashion) product needs of individuals, families, and the general public. The course content centers around developing competencies in the following duty areas: selecting clothing and textile products using goal-making skills; meeting social, physical, psychological, and economic needs in evaluating, selecting, and caring for clothing and textiles; appraising clothing / textile products contributing to health, safety, and comfort; maximizing resources in selecting, constructing, altering, repairing, and remodeling clothing / textile products; communicating intended clothing image to others; and approving decisions necessary for clothing and textile needs. Information and experiences provide an understanding of the psychological aspects of fabric products as related to the needs of people, and the jobs and careers using competencies related to textiles and fabrics and fashion are included throughout the course.

### **3582 PARENTING I**

Grade Level: 11, 12      Credit: 1/2 or 1      Fees: None

This course helps students understand the responsibilities, satisfactions and stresses of parenthood. This course offers simulation of real life experiences. Many types of parenting situations are examined. Stress prevention and management are emphasized. Community agencies that help parents deal with various types of parenting situations are identified. Course content includes the following duty areas: managing and organizing parenting by applying decision-making and goal-setting skills; applying the basic principles of the parenting process; practicing health and safety standards as related to parenting; providing experiences which encourage parents and children to maximize resources; encouraging human relations skills in children/adolescents; and evaluating impact on parenting of family and career changes. Special attention is given to the needs of teenage parents and to the importance of readiness for parenthood.

### **3584 CHILD GROWTH & DEVELOPMENT**

Grade Level: 11, 12                      Credit: 1/2                      Fees: None

This course emphasizes knowledge and understanding of the intellectual, physical, social, and emotional development of children from conception through adolescence. The content centers around the following duty areas: managing and organizing child development by applying decision-making and goal-setting skills; promoting child development by applying physical, social, intellectual, and emotional principles; practicing health and safety standards for children; providing experiences encouraging children to maximize resources; encouraging human relations skills in children; and evaluating family and career changes in relation to impact on children. Information related to careers in child, daycare, and education services is incorporated throughout the course.

### **3602 CHILDHOOD NUTRITION**

Grade Level: 11, 12                      Credit: 1/2                      Fees: \$10.00

Prerequisites: Child Development, Orientation to Family & Consumer Services or Instructor approval

This course continues the learning principles begun in Child Development. Emphasis is given to basic nutrition and food preparation skills that will nourish children in all stages of growth. On-site experiences include local day care and school classroom labs to promote the education, health, and safety standards for children. Information related to careers in food service and child care is incorporated throughout this course.

### **3622 ADULT LIVING**

Grade Level 11-12                      Credit: 1/2                      Fees: None

This course assists individuals and families in achieving life satisfaction through responsible participation as adults in the home, community and workplace. Emphasis is placed on the development of prevention strategies, which will assist individuals in responding to situations in terms of their identified values and goals. The course content includes the following duty areas: developing short and long-range plans, demonstrating goal-setting and decision making skills; evaluating and adapting basic needs to assume roles and responsibilities; recognizing and following health practices that assist in coping, selecting and using resources to enhance individual growth and development; developing effective relationships to promote communication with others; and evaluating family and career changes as to the impact on individuals. Various resources to assist with life problems are explored. The course helps students identify resources that will assist them in managing life situations.

### **3642 LIVING ENVIRONMENTS**

Grade Level: 11-12                      Credit: 1/2                      Fees: None

This course provides basic knowledge and skills needed to select, acquire, maintain and manage living environments that meet the needs of the occupants. The selection and care of housing and furnishings are related to factors such as social-economic conditions, individual tastes, and psychological effects. The course content includes the following duty areas: locating and managing housing using goal-setting and decision-making skills; evaluating living environments; ensuring health and safety; selecting appropriate resources in creating living environments; determining the impact of the individual and/or group of living environments; applying housing and home management choices relating to changing family/individual and career patterns. Emphasis is placed on the application of basic management principles in relation to the environment.

**3644 CONSUMER EDUCATION (Quarter 1)**

**3645 CONSUMER EDUCATION (Quarter 2)**

**3646 CONSUMER EDUCATION (Quarter 3)**

**3647 CONSUMER EDUCATION (Quarter 4)**

Grade Level: 10

9 weeks

Credit: 1/4

Fees: None

This course focuses on the understanding and skills needed to make decisions about the use of resources as a consumer and prevention strategies which contribute to an improved quality of life. The course content includes the following duty areas: utilizing resources and consumer information by applying goal-setting and decision-making skills; evaluating use of resources to meet social, physical and psychological needs; maintaining health standards by applying safety information; applying consumer rights and responsibilities in the marketplaces; accomplishing mutual goals by utilizing human resources; and analyzing resource consumer management skills necessary to make decisions.

This course meets the requirement for consumer education instruction as required by the School Code of Illinois (Section 27-12.1). Instruction will include credit/installment purchasing, budgeting, buying goods and services, comparison of prices, banking, insurances, housing, saving/investments, social security and taxes, and an understanding of the roles of consumers interacting with agriculture, business, labor unions and government in formulating and achieving the goals of the mixed free enterprise system.

## **MUSIC**

**4003 CONCERT CHOIR**

Grade level: 9 - 12

Credit: 1

Fees: None

Prerequisites: None

Concert Choir meets five days a week. Concert Choir performs at a number of functions throughout the year including Conference Festival, concerts, and IHSA Organizational Contest. Optional participation is offered in the IMEA District Junior, Senior, and Vocal Jazz Choirs, IMEA All State Concert and Vocal Jazz Choirs, IHSA Solo and Ensemble Contest. Students also have the opportunity to be members of various performing groups, including the New Generation and the AHS Vocal Jazz Choir. Music from various historical periods is covered - Middle Ages, Renaissance, Baroque, Classical, Romantic, Twentieth Century, and Pop. Previous musical training is reinforced through the emphasis of proper vocal technique, breathing, sight singing, music reading, and music appreciation.

### **4023 BAND**

Grade Level: 9 - 12

Credit: 1

Fees: \$15 Uniform Cleaning Fee  
To be paid at registration

Prerequisites: Junior High experience, Instructor Approval or Administrative approval

The Aledo High School band offers a great variety of musical training to help the student appreciate and understand music. The band meets five days per week. Performances include marching at football games and parades, pep-band at basketball games, concerts, IHSA contest, and the Olympic Conference Festival. There are many other performance opportunities including IMEA district/all state, IHSA solo/ensemble and chamber ensembles such as brass quintet, flute choir, clarinet choir, saxophone quartet. The Aledo High School band gives students the opportunity to excel on their instruments and learn about all aspects of music.

Jazz Band is an extracurricular activity for band students which offers the student an opportunity to play and perform jazz and popular music. The Jazz Band has community performances and participates in college and high school festivals. Membership is chosen through competitive audition and the consent of the instructor.

### **4033 MUSIC THEORY/PERFORMANCE**

Grade Level: 10-12

Credit: 1

Fees: None

Prerequisites: Must be in Band or Chorus or administrative approval

Music Theory is an in-depth study of the structure of music as it relates to musical notation, melody, harmony, rhythm, meter, and texture. Students must be prepared to study all major/minor scales and modes including all key signatures. In addition, students will apply themselves to analysis of musical scores identifying harmonic intervals, chord structure, chord inversions and chord progressions. Basic chord progressions and voice leading will be played by students on the piano and students will learn sight-singing, dictation and other ear training skills. There will also be opportunities for small performance groups and secondary instrument/vocal groups.

### **8298 MUSIC APPRECIATION**

Grade Level: 9 –12

Credit: ½

Fees: None

The purpose of this course is to provide students a basic introduction and background in music listening and history. The focus will be on Western music covering all periods from medieval to modern. The student will develop an understanding of the elements that create music, an ability to identify music by historical periods, and an acquaintance with a wide variety of music styles and forms. This will be accomplished through a variety of listening experiences, including listening and discussion sessions in class and reviewing a concert on video. Topics covered will include: Intro, Medieval Period, Renaissance Period, Baroque Period, Classical Period, Romantic Period, 20<sup>th</sup> Century, Blues, Jazz, Rock n' Roll, and Music/Society.

## AGRICULTURE

With Agriculture being more than farming, the course offering can be designed to meet the needs and wants of a variety of individuals. A sequence of study can be designed to fit needs in any of the three following areas: (1) Production, Agriculture, (2) Agri Business, (3) Advanced Education in Agriculture beyond the secondary level.

Study is increased in vegetable propagation, horticulture, and conservation. The Supervised Agricultural Experience Program offers opportunity for individual study while the F.F.A. provides for the development of effective leadership. **Students taking any Agricultural course will be charged a yearly fee of \$25 regardless of number of Ag. courses taken.**

### **4502 INTRODUCTION TO THE AGRICULTURAL INDUSTRY I (Semester 1)**

Grade Level: 9-12                      Credit: 1/2

This orientation course provides an opportunity for students to learn how the agriculture industry is organized; its major components; and the scope and types of agriculture at the local, state, national and international levels; and the scope and types of job opportunities in the agricultural field. Basic concepts in plant science, soil science, horticulture, natural resources, agriculture biotechnology, and environmental science will be presented. The development of leadership, employability and computer skills will be taught. Because the FFA and Supervised Agricultural Experience Programs are integral components of this course, students are encouraged to maintain an SAEPs and to participate in activities of the organization.

### **4522 INTRODUCTION TO THE AGRICULTURAL INDUSTRY II (Semester 2)**

Grade Level: 9-12                      Credit 1/2

This orientation course provides an opportunity for students to learn how the agriculture industry is organized; its major components; and the scope and types of agriculture at the local, state, national and international levels; and the scope and types of job opportunities in the agricultural field. Basic concepts in animal science, agribusiness, agriculture mechanics, and agriculture biotechnology will be presented. The development of leadership, employability and computer skills will be taught. Because the FFA and Supervised Agricultural Experience Programs are integral components of this course, students are encouraged to maintain an SAEPs and to participate in activities of the organization.

### **4542 BASIC AGRICULTURAL SCIENCE I (Semester 1)**

Grade Level: 10-12 or instructor approval                      Credit 1/2

This orientation course builds on the basic skills and knowledge gained in the Introduction to the Agricultural Industry course. Major units of instruction include: soil science and classification, crop seed identification, weed identification, and judging of grain, soybeans and forages. Applied science and math skills and concepts will be stressed throughout the course as they relate to each area. The development of leadership, employability and computer skills will also be taught. Because the FFA and Supervised Agricultural Experience Programs are integral components of this course, students are encouraged to maintain an SAEPs and to participate in activities of the organization.

**4562 BASIC AGRICULTURAL SCIENCE II****(Semester 2)**

Grade Level: 10-12 or instructor approval

Credit 1/2

This orientation course builds on the basic skills and knowledge gained in the Introduction to the Agricultural Industry course. Major units of instruction include advanced plant science, erosion, crop production, animal science and agricultural mechanics. Applied Science and math skills and concepts will be stressed throughout the course as they relate to each area. The development of leadership, employability and computer skills will also be taught. Because the FFA and Supervised Agricultural Experience Programs are integral components of this course, students are encouraged to maintain an SAEPs and to participate in activities of the organization.

**4582 AGRICULTURAL CONSTRUCTION AND TECHNOLOGY I (Semester 1)**

Grade Level: 11-12 or instructor approval

Credit: 1/2

This advanced course focuses on the knowledge, hands-on skills, and workplace skills applicable to construction in the Agricultural Industry. Major units of instruction include: personal safety, surveying, hand tools, power tools, and construction skills in carpentry, drywall and painting. Careers such as carpenter, finishers, safety specialists, agricultural engineers and other related occupations will be examined. Improving workplace and computer skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration, and reinforcement of academic concepts.

**4602 AGRICULTURAL CONSTRUCTION AND TECHNOLOGY II (Semester 2)**

Grade Level: 11-12 or instructor approval

Credit: 1/2

This advanced course focuses on the knowledge, hands-on skills, and workplace skills applicable to construction in the Agricultural Industry. Major units of instruction include: personal safety, hand tools, power tools, construction skills in advanced carpentry, electricity, plumbing and concrete, block laying. Careers such as carpenter, finishers, safety specialists, concrete and block layers, agricultural engineers and other related occupations will be examined. Improving workplace and computer skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration, and reinforcement of academic concepts.

**4622 AGRICULTURAL BUSINESS MANAGEMENT I****(Semester 1)**

Grade Level: 11-12 or instructor approval

Credit: 1/2

This capstone course is designed to develop student skills in the areas of advanced agricultural business procedures, establishment of an agricultural business, managing an agricultural business, and financing an agricultural business. Because FFA and SAEPs are integral components of this course, students are encouraged to maintain SAEPs and to participate in the activities of the FFA organization.

**4642 AGRICULTURAL BUSINESS MANAGEMENT II****(Semester 2)**

Grade Level: 11-12 or instructor approval

Credit: 1/2

This capstone course is designed to develop student skills in the areas of advanced agricultural business procedures: marketing, advertising, sales techniques for agricultural products and services. Product knowledge is stressed as it relates to the regional agricultural economic base. Because FFA and SAEPs are integral components of this course, students are encouraged to maintain SAEPs and to participate in the activities of the FFA organization.

**4662 SUPERVISED AGRICULTURAL EXPERIENCE PROGRAM I                      Year**

Grade Level: 9, 10 or instructor approval

Credit: ¼ per semester (Pass/Fail Credit)

Prerequisites: None

This experience program is for students in the 9th and 10th grades. Students receiving vocational credit in this area must be enrolled in an approved agricultural program sequence. Individual students will have a minimum of one approved project or acceptable plans for doing so. Supervised study, project record book work, training plans and agreements, report writing, and instructor project visitation and supervision are essentials of the Supervised Agricultural Experience Program.

**4682 SUPERVISED AGRICULTURAL EXPERIENCE PROGRAM II                      Year**

Grade Level: 11, 12 or instructor approval

Credit: ¼ per semester (Pass/Fail Credit)

Prerequisites: None

This experience program is for 11th and 12th grade agricultural students. The opportunities and responsibilities are similar to those discussed under Supervised Occupational Experience I with the exception that the experiences are conducted at a more advanced level of skill training. The project should be expanded as the student progresses throughout the agricultural program.

**4702 HORTICULTURE PRODUCTION AND MANAGEMENT I                      (Semester 1)**

Grade Level: 11-12 or instructor approval

Credit: 1/2

This advanced course offers instruction in both the floriculture and landscape areas of horticulture. Units of study include: plant identification, greenhouse management, culture of greenhouse crops, care and handling of cut flowers, and floral design. Also included are landscape design, installation, and maintenance; horticulture mechanics; nursery management; and turf production. Agribusiness units will cover operating a horticultural business, pricing work, advertising and sales. Leadership skill development is an integral part of the program. Because FFA and SAEPs are integral components of this course, students are encouraged to maintain SAEPs and to participate in the activities of the FFA organization.

**4722 HORTICULTURE PRODUCTION AND MANAGEMENT II                      (Semester 2)**

Grade Level: 11-12 or instructor approval

Credit: 1/2

This advanced course offers instruction in both the floriculture and landscape areas of horticulture. Units of study include: nursery management; and turf production. Agribusiness units will cover operating a nursery or turf management business, pricing work, advertising and sales. Leadership skill development is an integral part of the program. Because FFA and SAEPs are integral components of this course, students are encouraged to maintain SAEPs and to participate in the activities of the FFA organization.

**4724 ENVIRONMENTAL SCIENCE I (Semester 1)****(Formerly Resource Utilization and Conservation I)**

Grade Level: 10-12 or instructor approval

Credit: 1/2

This course focuses on the use and the conservation of agricultural resources. Areas of concentration include identifying tree species and understanding forest ecology; managing the forest and marketing forest products; identifying important wildlife species and their environmental preferences. Because FFA and SAEPs are integral components of this course, students are encouraged to maintain SAEPs and to participate in the activities of the FFA organization.

**4725 ENVIRONMENTAL SCIENCE II (Semester 2)**  
**(Formerly Resource Utilization and Conservation II)**

Grade Level: 10-12 or instructor approval Credit 1/2

This course focuses on the use and the conservation of agricultural resources. Areas of concentration include protecting the urban and rural environments; determining land capability and planning for its use; exploring opportunities for establishing a recreational business; and selecting, maintaining, repairing and using small gasoline engine-powered equipment. Because FFA and SAEPs are integral components of this course, students are encouraged to maintain SAEPs and to participate in the activities of the FFA organization.

**4726 NATURAL RESOURCE CONSERVATION & MANAGEMENT I (Semester 1)**  
**(Formerly Agricultural Resource Management I)**

Grade Level: 10-12 or instructor approval Credit: 1/2

This course develops the management skills necessary for effective and efficient utilization of agricultural resources. Student knowledge and skills are developed in the following areas: managing agricultural resource business enterprises; fish pond ecology and management; wildlife ecology and management; planning and operating a hunting and fishing preserve; and developing a soil and water conservation program. Because FFA and SAEPs are integral components of this course, students are encouraged to maintain SAEPs and to participate in the activities of the FFA organization.

**4728 NATURAL RESOURCE CONSERVATION & MANAGEMENT II (Semester 2)**  
**(Formerly Agricultural Resource Management II)**

Grade Level: 10-12 or instructor approval Credit 1/2

This course develops the management skills necessary for effective and efficient utilization of agricultural resources. Student knowledge and skills are developed in the following areas: developing and operating a campground; meeting the requirements of federal, state, and local laws; repairing and maintaining structures; selecting servicing, maintaining and repairing water pumps and systems; servicing, maintaining and operating large power equipment. Because FFA and SAEPs are integral components of this course, students are encouraged to maintain SAEPs and to participate in the activities of the FFA organization.

**4730 GREENHOUSE PRODUCTION AND FLORAL DESIGN I (Semester 1)**

Grade Level: 11-12 or instructor approval Credit: 1/2

This course focuses on greenhouse management, floral design, and related segments of the horticulture industry. Major units of study include floriculture plant identification, greenhouse structures, and culture of greenhouse crops. Agribusiness units will be introduced in merchandising, advertising, and sales. Because FFA and SAEPs are integral components of this course, students are encouraged to maintain SAEPs and to participate in the activities of the FFA organization.

**4732 GREENHOUSE PRODUCTION AND FLORAL DESIGN II (Semester 2)**

Grade Level: 11-12 or instructor approval Credit: 1/2

This course focuses on greenhouse management, floral design, and related segments of the horticulture industry. Major units of study include care and handling of cut flowers, principles of art applied to floral design, and the mechanics of floral design. Agribusiness units will be introduced in operating a retail floral business. Because FFA and SAEPs are integral components of this course, students are encouraged to maintain SAEPs and to participate in the activities of the FFA organization.

**4734 AGRICULTURAL BUSINESS OPERATIONS I (Semester 1)**

Grade Level: 11-12 or instructor approval Credit: 1/2

This course is designed to develop student knowledge and skills in the area of agribusiness operations. Instructional units include the organization and functions of agricultural business, agricultural business math, agricultural business procedures including microcomputer applications and human relation skills. Because FFA and SAEPs are integral components of this course, students are encouraged to maintain SAEPs and to participate in the activities of the FFA organization.

**4736 AGRICULTURAL BUSINESS OPERATIONS II (Semester 2)**

Grade Level: 11-12 or instructor approval Credit: 1/2

This course is designed to develop student knowledge and skills in the area of agribusiness operations. Instructional units include: identifying career opportunities in agribusiness, applying basic economic principles of agribusiness and sales related duties. Another goal of this course is to increase student knowledge and skills in appropriate agricultural product and service areas indicated by regional and/or state labor market data. Because FFA and SAEPs are integral components of this course, students are encouraged to maintain SAEPs and to participate in the activities of the FFA organization.

**4740-VETERINARY TECHNOLOGY & SMALL ANIMAL CARE I AND II**

Grade Level: 11 & 12 Credit: 1

This course will develop students' understanding of the small and companion animal industry, animal anatomy and physiology, animal ethics and welfare issues, animal health, veterinary medicine, veterinary office practices, and animal services to humans. Career exploration will focus on veterinarian, veterinary lab technicians, office lab assistant, small animal production, research lab assistant, and animal nutrition lab technician. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**5662 AGRICULTURAL MACHINERY AND POWER I (Semester 1)**

Grade Level: 11-12 or instructor approval Credit: 1/2

This comprehensive machinery service course concentrates on the following areas: assembling and adjusting agricultural equipment, reconditioning and repairing agricultural equipment, and gas welding and cutting. Proper safety and skills will be discussed throughout. Because FFA and SAEPs are integral components of this course, students are encouraged to maintain SAEPs and to participate in the activities of the FFA organization.

**5682 AGRICULTURAL MACHINERY AND POWER II (Semester 2)**

Grade Level: 11-12 or instructor approval Credit: 1/2

This comprehensive machinery service course concentrates on the following areas: using service manuals, fundamentals of multi-cylinder engines; basic hydraulics, power transfer systems, multi-cylinder engine overhaul, diesel theories of operation, organization and management of agricultural machinery dealerships, human relations, and sales techniques. Proper safety and skills will be discussed throughout. Because FFA and SAEPs are integral components of this course, students are encouraged to maintain SAEPs and to participate in the activities of the FFA organization.

## **INDUSTRIAL ARTS**

### **5402 INTRODUCTION TO WOODWORKING**

Grade Level: 11-12

Credit: 1

Fees: varies by project

Prerequisites: None

This course is a yearlong course that covers the basic hand tools, basic machine operations, furniture construction methods and finishing methods necessary in carpentry trades. Emphasis is placed on proper use / safe operation of woodworking and carpentry equipment for the trades. Skills will be developed through projects completed by the students, which will advance towards refined woodworking skills. Students are responsible for driving themselves to Westmer High School for the class then back to Aledo High School.

## **BUSINESS EDUCATION**

The student gains skills for initial employment and develops an understanding to the world of business through the business courses offered below. It is recommended that every student enroll in at least one semester of Keyboarding plus an additional computer class to assist students in typing research papers and other class assignments.

### **5002 COMPUTER FORMATTING**

Grade Level: 9 – 12

Credit: 1/2

Fees: \$2.00

Prerequisites: None

Keyboarding and Formatting I is a course designed to introduce or increase the student's 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 table 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.

### **5012 COMPUTER CONCEPTS AND SOFTWARE APPLICATIONS**

Grade Level: 9 - 10

Credit: 1/2

Fees: \$2.00

Prerequisites: 1 semester of Computer Formatting or pass the Keyboarding proficiency test. (See the counselor for details.)

Students will apply problem-solving skills to hands-on, real life situations using a variety of software applications, such as word processing, spreadsheets, database management, presentation software, and desktop publishing. The development of employability skills, as well as transition skills will be included in the course as well as an understanding of the ethical considerations that arise in using information processing equipment and gaining access to available databases.

## **5020 BUSINESS AND TECHNOLOGY CONCEPTS**

Grade Level: 10 - 12                      Credit: 1                      Fees: \$2.00

Prerequisites: 1 semester of Computer Formatting or pass the Keyboarding proficiency test. (See the counselor for details.)

This course will provide an overview of all aspects of business marketing and management, including the concepts, functions, and skills required for meeting the challenges of operating a business in a global economy. Topics covered will include the various forms of business ownership, including entrepreneurship, as well as the basic functional areas of business (finance, management, marketing, administration, and production). The class project will involve designing and constructing the yearbook using computer technology. This class requires outside class time, selling ads and taking pictures.

## **5026 INFORMATION PROCESSING I A**

## **5030 INFORMATION PROCESSING I B**

Grade Level: 11-12                      Credit: ½ per semester                      Fees: \$2.00

Prerequisites: 1 semester of Computer Formatting or pass the Keyboarding proficiency test. (See the counselor for details.)

**The above courses may be taken for a year or just a semester in any order.**

This course includes the concepts and terminology related to the people, equipment, and procedures of information processing as well as skill development in the use of information processing equipment. Students will operate equipment to prepare memos, letters, reports, and forms. Students in this course will learn to use electronic spreadsheet programs to enter, process, analyze, and interpret numerical data. Applications learned will include basic formulas, basic functions, graphic spreadsheet enhancements (such as lines, shading, fonts, drawing, etc.), and creating and enhancing charts and graphs based on numerical information.

## **5034 INFORMATION PROCESSING II A**

## **5038 INFORMATION PROCESSING II B**

Grade Level: 11, 12                      Credit: ½ per semester                      Fees: \$2.00

Prerequisites: 1 semester of Computer Formatting or pass the keyboarding proficiency test.

**The above courses may be taken for a year or just a semester in any order.**

Students will create and update documents using word processing and desktop publishing programs and put together slideshows, speaker notes and handouts using presentation software. Students will revise data in a stored database and use queries to create customized reports. Skills learned in this class will include: database design and creation, entering and editing data within a database, using calculations within a database, sorting database information in a variety of ways, using queries to extract or pinpoint certain information within a database file, and designing and creating attractive reports to present database information.

## **5063 ACCOUNTING I**

Grade Level: 11, 12                      Credit: 1                      Fees: \$5.00

Prerequisites: (Recommend a C or better in Algebra I)

Accounting provides instruction on keeping financial records, summarizing them for convenient interpretation by preparing financial reports, and analyzing them to provide assistance to management for decision-making. A computer program called Peachtree is also used in conjunction with the first year accounting textbook. Students also learn how to prepare financial reports in the spreadsheet format on the computer.

## **5042 OFFICE TECHNOLOGY**

(Pass/Fail credit, Counts towards graduation but does not count toward GPA)

Grade Level: 11, 12

Credit: 1 or 1/2 (Pass/Fail credit)

Fees: None

Prerequisite: Administrative Approval

Emphasis is placed on office etiquette and human relations skills; proper business behavior; and performance of clerical duties which may include organizing, planning, coordinating, filing communication techniques, and various computer related activities.

## **FOREIGN LANGUAGE**

A foreign language is a course of study that should be considered at the high school level for two primary reasons. A language background could be a very valuable auxiliary skill in securing a job in this ever-changing international economic society. Also, anyone entering a four year university may be required to study a foreign language. The required work and ability at the college level can be difficult and time consuming. Taking a foreign language during high school can help alleviate stressful concerns.

### **6003 SPANISH I**

Grade Level: 9 - 12

Credit: 1

Fees: None

Spanish I is designed to introduce a beginning language student to the basic skills of language learning: comprehension, speaking, reading and writing. The course is taught with a conversational approach where the students are speaking and interacting on a daily basis. The student is taught the basics of foreign language, which is considerably different from other studies. The course of study covers situations the student may find themselves in to include family, food, sports, activities, etc. During this year course emphasis is placed on learning to appreciate and understand the culture and customs of the many Spanish speaking countries.

### **6023 SPANISH II**

Grade Level: 10, 11, 12

Credit: 1

Fees: None

Prerequisites: Spanish I

This course is a continuation of Spanish I and expands his/her abilities and vocabulary in a year long course. It is the goal of this course to advance the student to the point that he/she will be able to express themselves on many subjects and to make culture comparisons without cultural judgments. The student will continue extensive oral practice and learn to express him/herself in a more advanced manner. Students also learn through situational exercises.

### **6043 SPANISH III**

Grade Level: 11, 12

Credit: 1

Fees: None

Prerequisites: Spanish I & II

Spanish III is designed as a year-long course in preparing students for their future careers and/or university studies. This type of study will expand the student's vocabulary, improve their ability to express themselves in written Spanish and further their development of the oral skills through extensive and varied oral activities. Students will be exposed to various Spanish media.



## ART

The department feels that everyone has the ability to have successful experiences in art. Furthermore, the department believes the creative experiences, which is the power to imagine and visualize the world around us, broaden human understanding, and encourages good taste and discrimination.

Students must have a three-ringed binder that is used solely for art class (1-2 inches is acceptable.) It is also recommended that each student have a soft pencil case that can be attached into the binder.

### **8003 INTRODUCTION TO ART I (Semester I)**

### **8005 INTRODUCTION TO ART II (Semester II)**

Grade Level: 9-12                      Credit: ½ per semester      Fees: 5.00 per semester

Prerequisites: None

**The above courses may be taken for a year or just a semester in any order.** This course is a foundation program instilling a strong basic vocabulary of technique, terms, and materials upon which students build their further studies. Projects are presented in the context of art history. A wide variety of procedures and approaches are introduced, stressing a workable solution to project assignments.

\* *Students may purchase a \$15.00 oil brush set.*

### **8270 STUDIO ART I**

### **8271 STUDIO ART II**

### **8272 STUDIO ART III**

### **8273 STUDIO ART IV**

### **8274 STUDIO ART V**

### **8275 STUDIO ART VI**

Grade Level: 10-12                      Credit: ½ per semester      Fees: 5.00 per semester

Prerequisites: Must have previously taken Intro to Art or Art I.

Studio Art I, II, III, IV, V, & VI will cover drawing, painting and ceramics.

### **8102 COMMERCIAL DESIGN I (Grade 9)**

### **8122 COMMERCIAL DESIGN II (Grade 10)**

### **8142 COMMERCIAL DESIGN III (Grade 11)**

### **8162 COMMERCIAL DESIGN IV (Grade 12)**

Grade Level: 9 - 12                      Credit: 1                      Fees: \$10.00

Prerequisites: Instructor approval - fill out application form prior to registration.

Students will be helping design and construct the yearbook. This class requires outside class time, selling ads, taking pictures, and working in the darkroom.

**8182 SURVEY OF ART HISTORY I (Primitive to Renaissance) (Semester 1)**

Grade Level: 9 - 12                      Credit: 1/2                      Fees: \$5.00 sem.

Prerequisites: None

This course is designed to encourage an understanding of the cultural background and the role art plays in world history. The functions of art; the styles of art; the structure of art; the interaction of medium and meaning will be covered. This survey course will cover from primitive to twentieth century art. Survey of Art History will unite academic and studio work to enhance the understanding of the artist and time period.

**8202 SURVEY OF ART HISTORY II (Renaissance to Modern) (Semester 2)**

Grade Level: 9-12                      Credit: 1/2                      Fees: \$5.00 sem

Prerequisites: Survey of Art History 8182

See above course description.

**8228 2-D Design**

Grade Level: 9-12                      Credit 1                      Fee: \$10.00

The two-dimensional design course offers students an opportunity to learn and organize visual images through the understanding of visual elements, line, shape, tone, texture, and volume. Students examine and apply design principles such as repetition, variety, and movement. Emphasis is on simple graphic skills.

Students must have a three-ringed binder that is used solely for art class (1-2 inches is acceptable.) It is also recommended that each student have a soft pencil case that can be attached into the binder.

**8242 MULTI-MEDIA ART I (Semester 1)**

**8262 MULTI-MEDIA ART II (Semester 2)**

Grade Level: 9 - 12                      Credit: 1/2                      Fee: \$5.00

Grade Level: 9 - 12                      Credit: 1/2                      Fee: \$5.00

Prerequisites: None

The Multi Media courses are designed for the student who wishes to explore the two dimensional and three-dimensional areas. The above courses may be taken for a year or just a semester in any order. Offered alternate (uneven) years with 8282 Multi-Media Art III and 8284 Multi-Media Art IV.

**8282 MULTI MEDIA ART III (Sem. 1)**

**8284 MULTI MEDIA ART IV (Sem 2)**

Grade 9-12                      Credit 1/2                      Fees \$5.00 (each class)

Prerequisites: None

Offered alternate (even) years with 8242 Multi-Media Art I and 8262 Multi-Media Art II.

**8302 DRAWING (Semester 1)**

Grade Level: 10-12                      Credit 1/2                      Fees: \$5.00

Prerequisites: Introduction to Art I or II

The course is designed to instill a strong basic vocabulary of techniques, terms, and materials upon which the students build further studies. Line, value, perspective, and form will be explored in a series of drawing exercises from figure, landscape, and still life, using black and white as well as color.

**8312 DRAWING AND MIXED MEDIA (Semester 2)**

Grade Level: 10-12                      Credit 1/2                      Fees: \$5.00

Prerequisites: Introduction to Art I or II

Mixed media defines works of art that combine various painting and drawing media. This course presents an exciting and experimental working opportunity that encourages a combination of likely and unlikely media. It is an extension of drawing and painting techniques that explore printmaking, collage, 3-D, etc....Consideration of surfaces, range of drawing and painting mediums will be explored.

**8322 PAINTING CONCEPTS (Semester 1)**

Grade Level: 10-12                      Credit 1/2                      Fees: \$10.00

Prerequisites: Introduction to Art I or II

Explore the various paint mediums and the expressive quality of color. Students develop an understanding of basic traditional techniques and vocabulary. Exploration of media, surfaces, and images both realistic and abstract, will be covered.

*\$15.00 Oil Brush set must be purchased.*

**8332 PAINTING (Semester 2)**

Grade Level: 10-12                      Credit 1/2                      Fees: \$10.00

Prerequisites: Introduction to Art I or II

This course further explores the various painting mediums and color. Students develop a further understanding of the media and its possibilities. Exploration of media, surfaces, subjects and creativity are stressed. The development of a personal style is encouraged.

*\$15.00 Oil Brush set must be purchased.*

**8342 THREE-DIMENSIONAL DESIGN/CERAMICS (Semester 1)**

Grade Level: 10-12                      Credit 1/2                      Fees: \$10.00

Prerequisites: Introduction to Art I or II

This course introduces students to the basic techniques, principles, processes, and materials of three-dimensional design. Through a series of projects, that stress problem solving, creativity, and experimentation, the students will become familiar with the media to create three-dimensional art works. Line, shape, texture, mass, volume, and scale will be covered. Media covered, but not limited to are: wood, plaster, board, wire, and clay.

**8352 CERAMICS (Semester 2)**

Grade Level: 10-12                      Credit 1/2                      Fees: \$10.00

Prerequisites: Introduction to Art I or II

This class emphasizes the use of ceramics from traditional hand building to wheelwork. The use of the media, firing and glazing techniques will be covered. Students will be encouraged to explore traditional as well as non-traditional solutions to problems/ assignments.



### **7562 WORK SITE EXPERIENCE (Semester 1)**

Prerequisite: Occupations 7522 (or concurrent enrollment)

### **7582 WORK SITE EXPERIENCE (Semester 2)**

Prerequisite: Occupations 7542(or concurrent enrollment)

Grade Level: 12                      Credit: 1/2                      Fees: None

Work Site Experience is designed for senior students interested in pursuing careers in vocational occupations. Students are released from school for their paid or unpaid work site experience. The course instructor and employer will work together and evaluate the student and make suggestions for improvement on an as needed basis. The student will be expected to demonstrate to the employer and instructor skills learned on the job.

Seniors wanting to participate in a Work Site Experience will register for the Occupations Class # 7522 & 7524 and the Work Site Experience # 7562 & 7582. The Occupations Class will be worth one credit and the Work Site Experience will be worth 1 1/2 credits per year. The credits will count as electives toward graduation. Students that register will be reviewed by a committee. Students that meet program requirements will be given an application to complete. This application will include basic information plus three probable career choices. The supervisor of the program will try to match career choices with a community work site. The work site may be a paid or unpaid position. The work site must be at least two hours per day in length. Students may be required to arrange a schedule so they have a late arrival or early dismissal. The student, parent, supervisor, and employer will sign an agreement that outlines expectation, evaluations, performance and other parameters. The student will be evaluated by the employer and supervisor using a designated scoring rubric on a regular schedule. Parents must sign a transportation waiver enabling the student to drive to the work site, freeing the school of liability associated with transportation.

### **8502 - SPECIAL NEEDS**

### **9502 - SPECIAL NEEDS**

Grade Level: 9 - 12                      Credit: Open                      Fees: None

Prerequisites: MDC/IEP multi-disciplinary conference/Individual Ed. Plan

Students who qualify may receive credit through the special needs program. Training is available in academic subject areas as well as work experience. Some students may also qualify for Supervised Work Experience Program (S.W.E.P.). This program is designed to improve vocational skills, self confidence, and work habits. Up to two hours per day are allowed for selected students to work on or off campus. Off campus positions must be within the Aledo business community.

### **999000 Study Skills**

(Pass/Fail credit, Counts towards graduation but does not count toward GPA)

Grade Level: 9, 10, 11, 12      Credit 1      Fees: None

Prerequisites: Administrative Approval

This course is designed to improve students' study skills, thereby enabling them to be more successful in content subjects, to be active and organized learners, and to be better prepared for the learning independence expected in high school. This course will focus on teaching students how to learn rather than teaching specific content.

Study Skills is open to students in every grade, and may be taken for one credit each year with administrative approval. This is a Pass/Fail class and does not count toward GPA. This class is designed for students who need additional instruction, support and guidance in order to achieve success in their academic work. Students will be exposed to the following skills: time management, outlining, note taking, organization, active listening, research methods and test-taking strategies. Students will be required to apply these skills in their daily academic courses for 2007-2008 under the supervision and guidance of the instructor.

### **999990 WORK RELEASE (Semester or year)**

Grade Level: 12      Credit: None      Fee: None

Prerequisite: Senior, meet grade eligibility, must be in school 300 minutes of instructional time, submit application with employers approval one week prior to work, application must be approved by the Work Release committee and have principals approval.

Students may apply for early dismissal after 9th hour (around 2:15 p.m.) if needed at a work site. Students must meet all requirements, however selection of the work station may be denied by the school. Application forms must be picked up in the office and returned to the office for approval at least one week prior to work.

### **999888 VOLUNTEER SCHOOL-TO -WORK EXPERIENCE**

Grade Level 11, 12      Credits: 1 to 2      Fees: None

This class will help students take responsibility for career life-choices. Students will study the 13 Essential Skills necessary in the workplace. Local employers will provide presentations to increase career awareness and provide entrepreneur training. Students will volunteer their time to experience several career internships at local employers.

To qualify students need to complete an application.

### **999999 STUDY HALL (Semester or year)**

Grade Level: 9 - 12      Credit: None      Fee: None

Prerequisite: May only have one year long study hall per school year.

Study hall is designed to provide a quiet environment for students to complete homework. Students may use the LRC and computers as space and supervision is available.

### **00 Black Hawk College Class (Semester)**

Grade: Level 11, 12      Credit: Zero H.S. credit      Fee: As charged by Black Hawk College

Prerequisite: A student must need less than 4.0 credits for graduation to take courses on a college campus for college credit during the school day. The student must have prior approval from parents, high school principal and the college he/she plans to attend.

Students must complete a Black Hawk College application and register to take the ASSET at Aledo High School or Black Hawk College. Please see the counselor's office for additional information.