

District 202 High School Curriculum Guide

Dear District 202 High School Students and Families,

Welcome to high school in District 202.

The 2008-2009 school year will be very exciting for District 202, especially at the high school level.

First, we will welcome Plainfield East, our fourth high school. We welcome everyone at Plainfield East and extend our best wishes for a terrific inaugural year. District 202 is a great school district and we are proud to add the “Bengals” to our high school roster.

And second, we are equally proud of our continuing work to create a world-class education system for all of our students, especially at the high school level.

Over the last couple of years we have created a coordinated, articulated PreK-12 curriculum to seamlessly connect learning at teaching between levels and among each school at every level.

We are working to create local assessments to ensure that our teaching helps every student to learn and achieve to his or her maximum potential.

And we continue to add more high-level classes, programs and supports at the high school level to ensure that all of our students can access and experience the challenge of a more rigorous curriculum. We believe that all of our students need the kind of high-level knowledge and skills that come through a superior classroom experience – and, that all of our students can achieve great things in such a system.

Colleges today are looking more at the kinds of classes students took, along with their scores on standardized tests. We want all of our students to be prepared for the world in which they will live and work and will do everything we can, with our community’s support, to put our students in the best position for success.

Thank you for your assistance as we work together to prepare learners for the future.

Sincerely,

Dr. John Harper
Superintendent
Plainfield Community Consolidated School District 202

Vision

We prepare learners for the future.

Mission

The mission of Plainfield Community Consolidated School District 202, the primary source of comprehensive, high-quality education in a trusting, supportive environment, is to develop at all levels responsible, successful citizens by providing an education, in cooperation with the home and the community, that fosters each individual’s value, uniqueness and importance, and promotes life-long learning in an ever-changing society.

We believe:

- Education is a shared responsibility
- Everyone can learn
- Every individual needs love, respect and acceptance
- Schools and changing society affect one another
- Every individual has value and importance
- Success is necessary for everyone
- Learning is a life-long process
- The primary function of the school is to educate

District 202 Personnel

Board of Education

Ronald Kazmar - President
Michael Kelly - Vice President
Rod Westfall - Secretary
Stuart Bledsoe
Roger Bonuchi
Victoria Eggerstedt
Dave Obrzut

District 202 Administration

Dr. John Harper
Superintendent

Dr. Carmen Acevedo
Asst. Superintendent for Curriculum and Instruction

Dr. Hector Garcia
Director Curriculum and Instruction, High School

Course Descriptions by Academic Departments

The courses detailed in the District 202 Curriculum Guide are offered to students in all District 202 high schools, unless noted. **In most cases, these courses are offered each year. However, certain courses may not be offered annually due to limited enrollment patterns.** Courses may be dropped from the schedule due to low enrollment. Course offerings are affected by enrollment, by availability of staff, and by availability of facilities.

Course Prerequisite: A course prerequisite specifies the course(s) that must be passed prior to enrollment in the course affected by this prerequisite.

Term: One term equals one semester of course work.

Fees: Textbook rental fees and other consumable workbooks or magazines may be required and may not be reflected in course fees. **This additional billing will be sent after the 10th day of class.**

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Curricular Policies and Procedures

This handbook provides descriptions of all courses and programs available in District 202 high schools. In order to plan a complete course of study for the next four years, students should study these pages carefully, confer with their parents and strongly consider the advice of teachers and counselors. The resulting important decisions will affect not only a student's high school years, but also plans he or she may have following graduation from high school.

The Curriculum Guide is organized into two main sections. The first section presents curricular policies and requirements. The second section contains a listing of departments and the courses they offer. Each course description contains prerequisites, credits, content and information pertinent to that course.

Courses listed in this Curriculum Guide will be offered only if there is sufficient enrollment. District 202 Board of Education policy defines sufficient enrollment to be 15 students at the start of the school year.

Any questions not answered in this handbook should be directed to a high school counselor.

Graduation Requirements

The choice of a four-year high school course of study has always been an important decision because of specific requirements of post-secondary institutions. Poor academic planning can result in graduation delays. Therefore, students are encouraged to plan their programs carefully!

A minimum of 21.0 credits is required for graduation from District 202 high schools. One-half credit is earned upon successful completion of a subject that meets on a daily basis for one semester. The successful completion of a course that meets on a daily basis for a full year is worth one credit.

The new State Graduation Law (P.A. 94-0676) phases in new graduation requirements over four years (see chart on the following page for specifics). Any student who enters high school as a ninth grader in the 2008-09 school year and beyond will take the following minimum number of courses during high school:

- 4 years of English
- 3 years of Mathematics (one must be Algebra 1; one must include geometry content)
- 2 years of writing-intensive courses;
- 3 years of Science; (Biology, Chemistry, Physics)
- 2 years of Social Science (one must be U.S. History, 0.5 must be Government; 0.5 must be Social Science elective)
- 1 year chosen from any of the following:
 - Art
 - Foreign Language
 - Music
 - Vocational Education
- 4 years of Physical Education
- 5 Consumer Education credits
- PSAE

Curricular Policies and Procedures

All students who graduate from a District 202 high school must complete the required courses below and a total of 21 credits.

Curricular Area	2008 - 2009	2009+	College Prep
English ²	4	4	4
Writing		(2)	(2)
Mathematics	3	3 ¹	3
Science	2	2 (3 for Class of 2012)	3
Social Science	2	2	3
U.S. History	(1)	(1)	(1)
Government	(.5)	(.5)	(.5)
Elective	(.5)	(.5)	(1.5)
Consumer Education ³	.5	.5	.5
(Economics)	(.5)	(.5)	(.5)
(Consumer Education)	(.5)	(.5)	(.5)
(Orientation to Business)	(.5)	(.5)	(.5)
(Work Internship Class)	(1)	(1)	(1)
Art/Music/World Languages or Vocational Education	1	1	2
Physical Education ⁴	4	4	4
Health	(.5)	(.5)	(.5)
Driver Education Class	(.5)	(.5)	(.5)
Electives	6	5	2
TOTAL CREDITS	21	21	21+

1. Three years of mathematics must include one credit of Algebra 1 and one credit of coursework that includes geometry content.
2. Two years of writing-intensive courses must include one English Language Arts course, which may be counted toward meeting the four-year English Language Arts requirement. The writing course may be counted toward the fulfillment of other state graduation requirements, when applicable, if writing-intensive content is provided in a subject area other than English Language Arts.
3. Can be met by taking Economics (Social Science), Consumer Education (Applied Arts-Business), Orientation to Business (Applied Arts-Business), Work Internship (Applied Arts-Business/FACS/Industrial Technology) or Special Education (Special Education Vocational Co-op Work).
4. Includes Health (0.5 credit) and Driver Education (0.5 credit)

Curricular Policies and Procedures

Change of Level

Placement in academic levels is based upon grades, teacher recommendations, test scores and student/parent goals. The parent/student must request a level change within the first 15 days of the semester. Level changes will only be made for students misplaced due to ability levels. When a teacher or building administrator initiates a level change, the student and parent will be consulted before the change is made.

Procedure for a Change of Level

1. The counselor prepares a Level Change Request Form by completing the directory information, which may include academic history, test scores and placement recommendation sections.
2. The counselor forwards the Level Change Request Form to the appropriate Department Chairperson.
3. The Department Chairperson researches the request. Such research may include, but is not limited to, teacher and parent contact.
4. The Department Chairperson makes a recommendation concerning the level change and returns the form to the counselor.
5. The counselor notifies the parent and/or student of the final decision.
6. Copies of the Level Change Request Form are distributed to the department chair, to the teachers involved, to the counselor and to the student's file.

College Entrance Recommendation

Program planning, with registration for up to six subjects and utilization of summer school opportunities, results in solid college preparation. Additionally, valuable experiences in the practical and creative arts may occur. The Planning Guide, located at the back of the District 202 Curriculum Guide, helps students create the best high school program to meet college admission requirements.

Fifteen credits of academic work from the areas of English, Mathematics, Science, Social Science and World Languages are recommended for admission to most colleges. A solid background of courses in the core academic areas is important. Strength of preparation in English, Mathematics, Science, Social Science and World Languages has great significance, not only for securing college admission, but also for attaining success in college work.

Many colleges are currently revising their admission requirements to include additional, specific courses. Therefore, students should plan to fulfill more than the minimum entrance requirements for the colleges of their choice. It is recommended that students planning to attend state colleges or universities follow these guidelines:

- 4 credits of English (emphasizing written and oral communications and literature)
- 3 credits of Mathematics (introductory through advanced algebra, geometry and Algebra 2)
- 3 credits of Science (laboratory sciences)
- 3 credits of Social Science (emphasizing history, government and economics)
- 2 credits of electives in World Languages, Music, Computer Programming, Vocational Education or Art

Note: Up to four additional credits may be distributed among these categories.

Curricular Policies and Procedures

College Entrance Testing

Students who plan to enroll in two-year or four-year colleges or universities should also plan to participate in the College Entrance Testing Program, administered through District 202 Student Services Departments. Students should contact their counselors for advice and direction on pre-college admissions testing. Additional information on college entrance testing is available in the Student Services Department at each District 202 high school.

The following Web sites may also be helpful:

ACT:	www.actstudent.org
Student Aid:	www.fafsa.ed.gov
PSAT/NMSQT:	www.collegeboard.com www.nationalmerit.org
Princeton Review:	www.review.com

Consumer Education Proficiency Examination

Legislation provides that interested students (grades 9-12) may take the Illinois Consumer Education Proficiency Test (ICEPT). Students who pass this test are exempt from taking a consumer education course required for graduation. The test is offered once at the beginning of the school year and once at the beginning of the second semester. Students may take this test only once in any school year.

Course Load

All high school students must register for a minimum of 5.0 credits each year. Students at the junior and senior levels may register for a maximum of 7.0 credits with a “zero hour” schedule. The maximum number of credits a student may take without a “zero hour” schedule is 6.0 credits.

Credits

- All credits are awarded on a semester basis
- Only **two external credits** may be applied toward graduation requirements; this does not apply to students not registered as full-time students.

External Credits

External credits are designed for students who need credits for graduation or are seeking to enhance their present course of studies. Only elective course work may be taken by external credit options. Exceptions may be made if a student has failed a required course. The maximum number of external credits allowed is two, unless the building principal grants an exception. Courses are approved by application only. Interested students should see their counselors for an external credit form.

Driver Education

In order to be enrolled in Driver Education, Illinois state law requires students to have passed a minimum of eight high school credit courses during the previous two semesters and be at least 15 years of age.

Curricular Policies and Procedures

Dual Credit for English Rhetoric

District 202 has entered into a cooperative agreement with Joliet Junior College (JJC) to offer dual credit coursework at each of its high schools. Students who complete courses offered through this agreement receive both high school credit toward graduation and college credit.

Colleges and universities generally accept dual credit coursework for high school and college credit. At the University of Illinois-Urbana/Champaign (UIUC), however, if a student uses the dual credit course to meet a high school graduation requirement, it will not accept the credit as transfer college credit. If the UIUC applicant takes the dual credit Rhetoric course as a fifth credit of English, however, UIUC will accept the college credit for this course upon receipt of a JJC transcript (note: to receive credit in English, a student must complete both English 101 and English 102 for UIUC). Students need to check specific requirements at their college of choice to ensure the transferability of credit for dual credit courses.

Students must complete an Application for Admission prior to enrollment in their first JJC course. In order to register for a dual credit course, the student must:

1. Complete the JJC Admissions application (available online at <http://www.jjc.edu/forms/admf.ASP>)
2. Pass the COMPASS placement test (check the JJC Web site for details)
3. Complete a JJC Early Enrollment Form (available from the student's counselor)
4. Complete the Course Enrollment Form (available from the student's counselor)
5. Pay the tuition and fees associated with the scheduled course
6. Purchase the textbook

A District 202 faculty member will teach the dual credit course(s). Interested students should contact their counselors for additional information.

Dual Credit - CTE

At the time of this printing, the agreement between Joliet Junior College and District 202 had not been finalized for Career and Technical Education vocational classes.

Early College Enrollment

Interested students may obtain further information and/or an application/permission form from their counselors.

Early Graduation

Students are able to graduate early from high school if they complete all graduation requirements. To graduate early, students must notify their counselor one year prior to their graduation and complete an early graduation petition.

Curricular Policies and Procedures

Grade Point Average (GPA) and Rank in Class (RIC)

A student's Grade Point Average (GPA) - used to determine Rank in Class (RIC) - is computed on a 5-point scale.

A = 5.00 B = 4.00 C = 3.00 D = 2.00 F = 1.00

Weighted grades are used in advanced and honors courses. Students earning A, B or C semester grades in these courses will receive grade points of 6.1, 5.1 or 4.1, respectively, rather than the normal 5.0, 4.0 or 3.0 points awarded in non-weighted courses.

Grading Procedures

Semester grades are cumulative, and progress reports are distributed every six weeks. Grades are computed in the following manner:

- A = Outstanding academic achievement
- B = Above-average academic achievement
- C = Average academic achievement
- D = Below-average academic achievement (minimum passing grade for which high school credit is granted)
- F = Unsatisfactory academic achievement

No credit is given for courses in which a student has earned this grade. In most cases, students who earn an "F" will be required to take the course a second time or at least make up the credit not earned.

- M = An incomplete semester grade. This grade is given only to students who have had extensive absences due to hospitalization, illness or other extreme circumstances. Incomplete semester grades will convert to an "F" if they are not made up within the subsequent six-week period. An incomplete grade for any other reason is to be made up within the subsequent two-week period following the semester.
- WP = Withdrawal from a course without a grade penalty. This mark will not affect a student's grade point average or class rank.
- WF = Withdrawal from a course with a grade penalty. This grade is considered an "F" when calculating a student's grade point average or class rank.

The following grading scale is a guideline used by teachers:

A = 90-100 B = 80-89 C = 70-79 D = 60-69 F = 0-59

Honor Roll

Honor Roll is determined at the end of each semester. In order to achieve this recognition, a student must earn a semester GPA of at least 4.00, with no grades of D or M. Students' names are placed on the High Honor Roll if their semester grade point average is 5.000 or better.

Curricular Policies and Procedures

NCAA Initial Eligibility Requirements

DIVISION I ATHLETICS - 2008 and later

Students who enroll in a Division I college or university in 2008 or later and want to participate in athletics or receive an athletics scholarship must meet all of the requirements above, and complete two additional core courses (new total of 16) as shown below:

- Four years of English
- Three years of Mathematics (Algebra I or higher level)
- Two years of Natural or Physical Science (including one year of lab science, if offered)
- One extra year of English, Mathematics or Natural/Physical Science
- Two years of Social Science
- Four years of extra core courses (from any category above, or foreign language, non-doctrinal religion or philosophy)

DIVISION II ATHLETICS

Students who enroll in a Division II college or university and want to participate in athletics or receive an athletics scholarship must meet the following academic standards:

- Graduate from high school
 - Complete the 14 core courses listed below
 - Three years of English
 - Two years of Mathematics (Algebra I or higher level)
 - Two years of Natural or Physical Science (including one year of lab science, if offered)
 - Two extra years of English, Mathematics or Natural/Physical Science
 - Two years of Social Science
 - Three years of extra core courses (from any category above, or foreign language, non-doctrinal religion or philosophy)
 - Note:** Computer science courses can be used only if your high school grants graduation credit in Mathematics or Natural/Physical Science and the courses appear on your high school's core course list as a Math or Science course.
- Present a 2.000 grade point average in your core courses
- Achieve a combined SAT score of 820 or a sum score of 68 on the ACT

Students are considered partial qualifiers if they do not meet the academic requirements listed above, but have graduated from high school and either meet the specified minimum SAT or ACT score or complete the required 14 core courses with a 2.000 grade point average in those courses. Partial qualifiers may:

- Practice with their team at its home facility
- Receive an athletics scholarship their first year
- Not compete during their freshman year

Curricular Policies and Procedures

NCAA Initial Eligibility Requirements (cont.)

- Compete in their four remaining seasons

Students who have not graduated from high school or have not presented the core course grade point average or required SAT or ACT scores will be considered a non-qualifiers, who:

- May not participate in athletics competition or practice during their first year in college
- May receive financial aid based only on need (not athletics-based financial aid) in their first year in college
- May play four seasons

DIVISION III ATHLETICS

Students interested in participating in NCAA Division III athletics should contact their selected college or university regarding its policies on financial aid, practice and competition.

The preceding criteria are used to determine whether a student may participate in athletics during his/her first year in college. They are not a guide for your admission to college. Each NCAA member institution has its own admission requirements; meeting the NCAA eligibility criteria does not guarantee admission into a college. Students must still apply for admission.

Curricular Policies and Procedures

NCAA Initial Eligibility Requirements (cont.)

CORE COURSES DEFINITION

A core course must:

- Be an academic course in one (or a combination of) these areas: English, Mathematics, Natural/Physical Science, Social Science, Foreign Language, Non-Doctrinal Religion or Philosophy
- Be four-year college preparatory
- Be at or above your high school's regular academic level
(i.e., no remedial, Special Education or compensatory courses)

Not all classes taken to meet high school graduation requirements may be used as core courses. Students may check their high school's list of approved core courses at the NCAA Clearinghouse Web site (www.ncaaclearinghouse.net) or by asking their counselor.

GRADE-POINT AVERAGE: How the Core Course Grade Point Average is Calculated

The NCAA Clearinghouse calculates the core course grade point average on a 4.000 scale. The best grades from the NCAA core courses are used for this calculation. Grades from additional core courses taken will be used only if they improve a student's grade point average.

The NCAA Clearinghouse assigns the following values to each letter grade:

A = 4 points B = 3 points C = 2 points D = 1 point

SPECIAL HIGH SCHOOL GRADES AND GRADE POINT AVERAGE

Students who attend high schools that use number grades (i.e., 92 or 93) will have those grades converted to their high school's letter grades (i.e., A or B). Students should consult their high school's grading scale at the NCAA Clearinghouse Web site (www.ncaaclearinghouse.net).

If a student's high school uses plus and minus grades (i.e., A+ or B-), the plus or minus is not used to calculate the core course grade point average.

If a student's high school normally "weights" honors or advanced courses, the weighted courses may improve the core course grade point average. The high school must notify the NCAA Clearinghouse of such weighting. To see if their high school has a weighted scale that is being used for calculating the core course grade point average, students should visit the NCAA Clearinghouse Web site (www.ncaaclearinghouse.net) for an explanation of how these grade weights are handled.

Curricular Policies and Procedures

Physical Education Exemptions

Students may request a Physical Education Exemption for one of the following reasons:

1. To enroll in academic classes that are required for admission to an institution of higher learning, provided that failure to take such classes will result in the pupil being denied admission to the institution of his/her choice
2. Ongoing participation in marching band and a four-year academic course sequence

Interested students must obtain and complete a Physical Education Exemption Form and submit it prior to registration. Forms are available from the Student Services Office.

Physical Examination Requirements

Per the requirements cited in the *School Code of Illinois* (section 27-28), a physical examination by a licensed physician is required of every student entering ninth grade and every student entering an Illinois public high school for the first time. The required school physical may be used to satisfy the Illinois High School Association (IHSA) requirement that every student have a satisfactory physical to participate in an interscholastic sports program.

Please note that no incoming freshman or new student will be allowed to register without a fully completed physical examination. The form may be mailed to the student's school or it may be brought to school on the day of a student's registration. The Board of Education will allow a period of time for a transfer student to complete this requirement. A transfer from within the boundaries of Illinois will have 45 days to complete this requirement, while a transfer from outside the boundaries of Illinois will be allowed 90 to fulfill this requirement.

Schedule Change

The high school master schedule is developed according to the course requests made by students. Once the master schedule is completed, student course requests will be final. Parents will be mailed a copy of their student's courses for the subsequent year in May.

Student schedules are final on the first day of school. However, it is recognized that circumstances will develop that warrant a legitimate schedule change. These changes are limited to a placement or level change, a data entry error or a change due to external or summer school credit.

Curricular Policies and Procedures

State Universities

Chicago State University

9501 South King Drive
Chicago, IL 60628
Admissions Phone: (773) 995-2513
Admissions E-Mail: ug-admissions@csu.edu
Campus Enrollment: 7,000

Eastern Illinois University

600 Lincoln Avenue
Charleston, IL 61920
Admissions Phone: (217) 581-2223
Admissions E-Mail: admissions@eiu.edu
Campus Enrollment: 12,000

Governors State University

1 University Parkway
University Park, IL 60466
Admissions Phone: (708) 534-4490
Admissions E-Mail: L-richmond@govst.edu
Campus Enrollment: 5,400

Illinois State University

Campus Box 2200
Normal, IL 61790
Admissions Phone: (309) 438-2181
Admissions E-Mail: admissions@illinoisstate.edu
Campus Enrollment: 20,200

Northeastern Illinois University

5500 North St. Louis Avenue
Chicago, IL 60625
Admissions Phone: (773) 442-4050
Admissions E-Mail: admrec@neiu.edu
Campus Enrollment: 12,000

Northern Illinois University

P.O. Box 3001
DeKalb, IL 60115
Admissions Phone: (815) 753-0446
Admissions E-Mail: admissions@niu.edu
Campus Enrollment: 25,200

Southern Illinois University-Carbondale

425 Clocktower Drive
Carbondale, IL 62901
Admissions Phone: (618) 536-4405
Admissions E-Mail: joinsiuc@siu.edu
Campus Enrollment: 21,400

Southern Illinois University-Edwardsville

Campus Box 1600
Edwardsville, IL 62026
Admissions Phone: (618) 650-3705
Admissions E-Mail: admissions@siue.edu
Campus Enrollment: 13,400

University of Illinois-Chicago

1200 West Harrison Street
Chicago, IL 60607
Admissions Phone: (312) 996-4350
Admissions E-Mail: uicadmit@uic.edu
Campus Enrollment: 24,000

University of Illinois-Springfield

One University Plaza
Springfield, IL 62703
Admissions Phone: (217) 206-4847
Admissions E-Mail: admissions@uis.edu
Campus Enrollment: 4,500

University of Illinois-Urbana/Champaign

901 West Illinois Street
Urbana, IL 61801
Admissions Phone: (217) 333-0302
Admissions E-Mail: ugradadmissions@uiuc.edu
Campus Enrollment: 40,000

Western Illinois University

1 University Circle
Macomb, IL 61455
Admissions Phone: (309) 298-3111
Admissions E-Mail: admissions@wiu.edu
Campus Enrollment: 13,400

Curricular Policies and Procedures

Transfer Students

The credits of students who transfer to District 202 from schools that are accredited by the North Central Association or comparable associations are honored. Credits for any classes that are not offered in the District 202 curriculum are evaluated by the Associate Principal for Student Services.

Wilco Area Career Center

Juniors and seniors may enroll in programs at the Wilco Area Career Center, located in Romeoville. Wilco's programs are designed to offer students career-based courses that provide skills required for employment upon completion. Students attend one of three daily sessions; their home school schedules courses. Some programs or levels may not be available each session.

Wilco Session Schedule:

- Session 1: 7:50 a.m. - 9:50 a.m.
- Session 2: 9:55 a.m. - 11:55 a.m.
- Session 3: 12:26 p.m. - 2:26 p.m.

Each year, Wilco staff members provide a presentation explaining courses the program offers, which includes a question-and-answer session for all interested students. Additionally, a field trip to the Wilco site is offered for all sophomore students who are interested in joining the program as juniors. Students who elect to enroll in the two-year occupational and vocational skills classes at the Wilco Area Career Center students are encouraged to register for the same program as both juniors and seniors.

Withdrawal from Class

A student who withdraws may be subject to a "WF" grade for that course and will be placed in a study hall. Such a grade will be recorded on the student's permanent record and will be figured into the student's semester and cumulative grade point average as an "F." In all cases, the parent is notified of the student's intent to drop a course.

All course withdrawals initiated by a student and/or parent should first be seen by the teacher of the course, then in succession by the department chair, counselor or dean. Withdrawal from a dual credit class will reflect a "WF" (withdraw failing) on both the high school and the college transcripts.

Applied Arts Department - Business Education

Accounting 1

Grade Open To: 10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: None

(Regional ID# B200)

Description: Students learn accounting principles and concepts as applied to small businesses, and prepare for an entry-level job in accounting. This is a good background course for the following college majors: accounting, business administration, finance, economics, marketing, computer science, hotel and restaurant management and agriculture.

Business Communications

Grade Open To: 12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: Introduction to Computer Technology and successful completion of English 9, 10 and 11

Description: Application of written and oral communication skills are emphasized in this course. Through the use of word processing and multimedia presentation software, students develop a solid base in composing multiple business documents and developing informative business presentations. Skills in listening, interpersonal communication and interviewing are emphasized. Employability skills – those basic skills necessary for getting, keeping, and doing well on a job – are stressed.

Business Law/Management

Grade Open To: 11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: None

(Regional ID# B250)

Description: The course covers the law as it generally relates to society, and then specifically as it relates to the citizens, the minor and the consumer. There is an in-depth study of the principles of law as they relate to contracts. Insurance, employment contracts, government regulations of employment and employee and employer rights are also covered in this course. This course offers students the potential for becoming responsible citizens, and it teaches them rules to follow in their business and personal lives.

Computer Applications

Grade Open To: 9-10-11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: Introduction to Computer Technology

(Regional ID #B102)

Description: This course is designed to provide students with hands-on experience with personal computers. The student gains knowledge of computer technology through use of Microsoft Office. Students learn Word, Excel, Power Point, and Access and develop the knowledge and skills necessary to apply learning in personal and/or business applications. These programs are beneficial in students' daily lives and in a variety of careers.

Computerized Accounting 2

Grade Open To: 11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Accounting 1

(Regional ID# B201)

Description: This course is designed to assist students who are interested in attending a school of business at the college level. It is also intended to provide students with entry-level skills and knowledge in the event they wish to enter the business world. The student learns to operate software by entering realistic accounting transactions for a variety of business applications and general financial statements as well as other management information reports.

Applied Arts Department - Business Education

Consumer Education*

Grade Open To: 11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: Students who have successfully completed Orientation to Business are **not eligible** for this course.

Description: This course is designed to give students a general knowledge of managing personal economics. It includes curriculum related to finding and purchasing a vehicle, housing, budgeting, interviewing, sales, credit and banking and investing.

(*This course may be used to meet the consumer education requirement for graduation)

Desktop Publishing for Marketing and Advertising

Grade Open To: 10-11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: Introduction to Computer Technology, Computer Applications

(Regional ID# TBA)

Description: Desktop publishing is the process of using specific types of computer software to combine text and graphics to produce professional-looking documents. This project-oriented course is designed to provide students with the ability to create a variety of documents, including newsletters, flyers, brochures, and a binding project using advanced concepts and software. Students learn how to plan and design documents with watermarks, borders, AutoShapes, text boxes, WordArt, graphics, bullets, and more. Effective use of colors, fonts, and special effects is emphasized. Software introduced is state of the art and continually changing.

Formatting/Office Technology - Part A

Grade Open To: Recommended:11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: Introduction to Computer Technology

(Regional ID# B246)

Description: Further keyboarding skill development using the personal computer is the focus of this course. There is an emphasis on correct keying techniques, proofreading and advanced document production utilizing WordPerfect software. Topics covered include: centering, personal, and business letters, forms, inter-office memos, tables, macros, merging and reports. Any student wanting entry-level clerical employment would benefit from this class, as would those wanting to go to college with an advanced knowledge of business formats.

Formatting/Office Technology - Part B

Grade Open To: Recommended:11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: Introduction to Computer Technology, Formatting/Office Technology - A

(Regional ID# B246)

Description: This course is designed to meet the needs of the advanced business student in developing word processing skills. Students use Word Perfect 10.0 and Microsoft Word for Windows. Advanced word processing techniques, filing procedures and office simulations are utilized. The student who successfully completes this course is ready for entry-level office positions.

Applied Arts Department - Business Education

Introduction to Computer Technology (Keyboarding)

Grade Open To: 9-10-11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: None

(Regional ID# B106)

Description: This course is designed to teach students the touch system of the alpha/numeric keyboard on the personal computer, with an emphasis on proper keying techniques and proofreading/editing skills. Students strive for accuracy and moderate speed. Students also gain knowledge of Microsoft Word and WordPerfect. Basic word processing is introduced. Students key academic reports, personal and business letters, e-mail messages, memos, simple tables, and outlines in Microsoft Word and WordPerfect. The development of employability skills is included in the course. This course is required before entry into other business computer classes.

Orientation to Business*

Grade Open To: 9-10 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: None

Description: In today's increasingly complex society, everyone needs an understanding of the business world. This is true not only of the person who intends to enter the business world in order to make a living, but of each person who will buy and use the goods and services that businesses have to offer. Nine weeks of this course consists of a program in consumer education, which will include the following topics: the individual consumer in the marketplace, money management, consumer credit, human services-housing, food, transportation, clothing, health services, drugs and cosmetics, recreation, furnishings and appliances, insurance, savings and investments, taxes and the consumer in our economy. Other topics include banking services, the stock market, basic marketing principles and career investigation.

(*This course can be used to meet the consumer education requirement for graduation)

Product Marketing (In Sports, Entertainment and Advertising)

Grade Open To: 10-11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: None

(Regional ID# B251)

Description: This course focuses on marketing and advertising products to the consumer. Content is based on real world examples in sports, entertainment and advertising. Topics covered include marketing research, product planning, purchasing, distribution, pricing, promotion, and advertising in relation to sports and entertainment.

Work Internship (WI)*

Grade Open To: 12 **Term:** 1 & 2 **Credit:** 3.0 (1 for class/2 for work)

Prerequisite/Grade Recommendation: Departmental application

(Regional ID# AL232)

Description: This is a cooperative work-training program designed to provide vocational training and technology preparation for an occupation on a part-time basis. Students must have career objectives related to retail, office, trade and industrial, health, family and consumer sciences or agriculture. Students are enrolled in four school classes, including one related WI class. Emphasis is placed on the work experience rather than the earnings. Each training station must be approved and provide each student with a minimum of 15 hours of work per week. The student must provide his/her own transportation and have parental approval for acceptance into the program. The program is applicable for those wanting to attend college as well as those wanting full-time employment following graduation.

(*This course can be used to meet the consumer education requirement for graduation)

Applied Arts Department - Family/Consumer Science

Child Development

Grade Open To: 9-10-11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: None

(Regional ID# H105)

Description: This course is designed to provide instruction and skill development in the understanding of the growth and development of a child from prenatal stages through early childhood. The well-being of children is studied from the many aspects of child development (physical, social, emotional and intellectual). This course prepares students for the Child Development Preschool. The course meets a need for the student who wishes to prepare for work in the field of childcare services, education or social work. The development of employability skills, transition skills and vocational ethics is included in the course.

Advanced Child Development with Pre-school Lab

Grade Open To: 10-11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: Child Development

(Regional ID# H222)

Description: This course provides advanced learning experience to gain further knowledge and understanding of the intellectual, physical, social and emotional development of children through activities implemented in the high school preschool for three- and four-year-olds. The development of employability skills, transition skills and vocational ethics is included in the course.

Clothing, Textiles and Fashion 1

Grade Open To: 9-10-11-12 **Term:** 1 **Credit:** 0.5

Prerequisite: None

(Regional ID# H103)

Description: This course teaches the use and care of sewing equipment and introduces the student to the world of textiles. Other areas of study include color and design in clothing, personal appearance, wardrobe planning and consumer awareness in the fashion marketplace. The student constructs a variety of garments using basic techniques needed to do home sewing, and develops the skill needed to qualify for clothing related careers. The development of employability skills, transition skills and vocational ethics is included in the course.

Clothing, Textiles and Fashion 2

Grade Open To: 9-10-11-12 **Term:** 2 **Credit:** 0.5

Prerequisite: Clothing, Textiles and Fashion 1

(Regional ID# H104)

Description: This course is devoted to increasing the level of knowledge and skills of students as they construct, purchase, care for and work with clothing, accessories and textiles. Additionally, the ways in which personal and fashion aspects interact with the market are explored in this course. Areas of emphasis for this course include: career opportunities in clothing, accessories and textile product fields, fibers and fabrics, color, line and design in fashion, clothing selection based on needs, consumer information on clothing purchases, clothing maintenance and care, sewing and other construction skills, and merchandising clothing. The development of employability skills, transition skills and vocational ethics is included in the course.

Applied Arts Department - Family/Consumer Science

Culinary Arts

Grade Open To: 10-11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: Completion of Foods & Nutrition 1 and 2

(Regional ID# H224)

Description: This course deals with skills needed in food service occupations as well as in the home. Included are cake and food decoration, garnishing, food technology and catering special occasions. This course focuses on current trends in food selection, preparation and service. Regional, foreign and gourmet cooking are included in the course. The development of employability skills, transition skills and vocational ethics is included in the course.

Fashion Production & Merchandising

Grade Open To: 10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Clothing, Textiles and Fashion I and II

(Regional ID# H227)

Description: The instruction in this class is organized to introduce the student to the fashion world as it relates to career opportunities in Family and Consumer Science related occupations. Color theory, styling terminology, fashion history, fashion design, promotion, display and sales are emphasized. Students are also introduced to merchandising management and personnel duties. Construction projects are made and sold. The development of employability skills, transition skills and vocational ethics is included in the course.

Foods and Nutrition 1

Grade Open To: 9-10-11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: None

(Regional ID# H101)

Description: This course includes basic classroom and laboratory experiences needed to develop knowledge and understanding of basic food principles and applied nutrition for people of all ages. The course content centers around the following duty areas: promoting 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 and serving food; promoting hospitality in food practices; and analyzing individual and family nutritional needs in relation to change. The development of employability skills, transition skills and vocational ethics is included in the course.

Foods and Nutrition 2

Grade Open To: 9-10-11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: Foods and Nutrition 1

(Regional ID# H102)

Description: In this second introductory course, more attention is paid to food selection and preparation for special circumstances and dietary needs. Laboratory activities are devoted to preparation of foods with specific characteristics. The course includes the following major units: careers in food service and human nutrition, influence on food customs, diet and health practices, current nutritional issues, safety of food preparation, storage, food purchasing, and food-borne illness. The development of employability skills, transition skills and vocational ethics is included in the course.

Applied Arts Department - Family/Consumer Science

Nutrition and Wellness

Grade Open To: 11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite/Grade Recommendation: None

(Regional ID# H223)

Description: This is an integrated class between the Physical Education Department and the Family and Consumer Sciences Departments. The curriculum is a two-part integrated course in which students will be able to understand the nutritional value of food and participate in various fitness and stress management activities to develop a total wellness approach to health. Students alternate between the wellness segment and the nutritional segment. The course is team-taught. A student may receive credit for either Family and Consumer Science or Physical Education, but not both. The course may not be repeated. Students are required to have a P.E. uniform and a school approved lock. (Foods and Nutrition 1 and 2 recommended)

Parenting

Grade Open To: 11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: None

(Regional ID# H202)

Description: This course is designed to help students think through the responsibilities, satisfactions and stresses of parenthood. Many types of parenting situations will be examined. Stress prevention and management and the work of community agencies that help parents deal with various types of parenting crises are emphasized. The 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 that encourage parents and children to maximize resources; encouraging human relations skills in children/adolescents; and evaluating impact of family and career changes on parenting. Special attention is given to the importance of readiness for parenthood. The development of employability skills, transition skills and vocational ethics is included in the course.

Work Internship (WI)*

Grade Open To: 12 **Term:** 1 & 2 **Credit:** 3.0 (1 for class/2 for work)

Prerequisite/Grade Recommendation: Departmental application

(Regional ID# AL232)

Description: This is a cooperative work-training program designed to provide vocational training and technology preparation for an occupation on a part-time basis. Students must have career objectives related to retail, office, trade and industrial, health, family and consumer sciences or agriculture. Students are enrolled in four school classes, including one related WI class. Emphasis is placed on the work experience rather than the earnings. Each training station must be approved and provide each student with a minimum of 15 hours of work per week. The student must provide his/her own transportation and have parental approval for acceptance into the program. The program is applicable for those wanting to attend college as well as those wanting full-time employment following graduation. (*This course can be used to meet the consumer education requirement for graduation)

Applied Arts Department - Industrial Technology

Architectural CAD I

Grade Open To: 10-11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: Technical CAD

(Regional ID# I287)

Description: Students will become familiar with fundamental architectural design principles and styles. Students will learn how residential structures are taken from a concept to a physical reality. Using AutoCAD 2007 and Architectural Desktop software, students produce floor plans, elevations, and wall sections. New construction versus remodeling is covered. Computer Assisted Drafting (CAD) is used for all drafting. This class is required for Architectural CAD II. This is a good background course for design, architecture, and engineering college majors.

Architectural CAD II

Grade Open To: 11 & 12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: Architectural CAD I

(Regional ID# I288)

Description: Students will become familiar with building codes, area planning, specifications, building details, schedules, costs, and designs. Students will design a home of their own choice, drawing all necessary plans including: floor, elevations, plot, foundation, stair detail, roof layout, window and door schedules, and interior details. Architectural Desktop 2007 (CAD) is used for all drafting. This is a good background course for design, architecture, and engineering college majors.

3D CAD/Solid Modeling

Grade Open To: 10-11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: Technical CAD I

(Regional ID# I223)

Description: Students will learn advanced AutoCAD 2007 software and techniques to produce three-dimensional solids. Emphasis will be on creating and rendering 3-D shapes by using primitives and extruding. Modifying and editing commands will be introduced as well dimensioning and printing. This is a good background course for any student interested in a career in design and/or engineering.

Inventor

Grade Open To: 11 & 12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: 3D CAD/Solid Modeling

(Regional ID# I230)

Description: Demonstration of basic and advanced Inventor knowledge and technique to produce 3-D parts, models, assemblies, and drawings will be emphasized in this course. Autodesk Inventor software will be used. Students will use commands to construct various types of 3-D drawings. Editing, modifying, dimensioning, and printing will be emphasized.

Applied Arts Department - Industrial Technology

CAD Studio

Grade Open To: 11 & 12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: Architectural CAD II or Inventor

(Regional ID# I114)

Description: Students will research, design, and develop an extensive culminating project relying on their previous CAD training in either Architectural CAD II or Inventor. Student will periodically evaluate project status, make appropriate modifications, and document project from beginning to completion. Upon completion of project, student will make a presentation to the instructor and class.

Introduction to Industrial Technology

Grade Open To: 9-10 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: None

(Regional ID# I100)

Description: A modular-style laboratory enables students, working in teams, to explore several technological content areas. Some of the technologies covered are computer-aided drafting, computer-assisted manufacturing, multimedia video production and construction. Instruction is delivered via interactive computer programs. Activities are included to reinforce each workstation's subject matter.

Technical CAD

Grade Open To: 10-11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: None

(Regional ID# I114)

Description: Students will be introduced to the fundamentals of the AutoCAD 2007 computer aided drafting and design software. Students will learn how to construct, edit, dimension, scale, and print various types of technical drawings. These include geometric, orthographic, multi-view, sectional view, and three-dimensional and isometric drawings. This class is required for enrollment in Architectural CAD I and 3D CAD/Solid Modeling. This is a good background course for any student interested in a career design, architecture, and/or engineering.

Work Internship (WI)*

Grade Open To: 12 **Term:** 1 & 2 **Credit:** 3.0 (1 for class/2 for work)

Prerequisite/Grade Recommendation: Departmental application

(Regional ID# AL232)

Description: This is a cooperative work-training program designed to provide vocational training and technology preparation for an occupation on a part-time basis. Students must have career objectives related to retail, office, trade and industrial, health, family and consumer sciences or agriculture. Students are enrolled in four school classes, including one related WI class. Emphasis is placed on the work experience rather than the earnings. Each training station must be approved and provide each student with a minimum of 15 hours of work per week. The student must provide his/her own transportation and have parental approval for acceptance into the program. The program is applicable for those wanting to attend college as well as those wanting full-time employment following graduation. (*This course can be used to meet the consumer education requirement for graduation)

English

Each student is required to take four years of English. The English Department offers a variety of courses that provide students opportunities to succeed, regardless of their aptitudes, abilities, and interest levels. Students who plan to attend four-year colleges are strongly encouraged to check college entrance requirements before deciding on a four-year English sequence. College entrance requirements differ, and what is accepted as an English credit at one college may not be accepted as an English credit by another. Therefore, it is imperative that students and parents check college catalogs to be sure that the courses they choose will meet the English requirements of the college or university of their choice.

Students who fail English 9 or 10 will be required to take and pass the appropriate make-up course. Make-up courses in English 9, 10, 11, and 12 are offered both in the summer and after school during the regular school year. Students may not take more than one required English course during the school day without approval.

All students are required to complete a summer reading assignment. These assignments are due on the first day of student attendance for the 2008-2009 school year. Novel titles and requirements vary from course to course. Please reference the high school web site (English Department Summer Reading) or your English teacher for details.

Advanced Writing: Journalism

Grade Open To: 10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: None

Fees: Cost of newspaper subscription

Description: This course is designed for those students who wish to expand their writing skills by studying news, feature, and editorial writing. Students study professional models as a way to learn the techniques of journalistic research and writing. Their articles are submitted for publication in the school newspaper and other area publications. Students also read a daily newspaper once a week. Students enrolled in journalism are expected to participate in creating the school newspaper. Therefore, interviewing and speaking skills are also taught. The ability to meet deadlines is imperative. This course is required for students who would like to serve as editors of the school newspaper. This course may be taken for elective credit only, and does not count toward English credit for graduation.

American Literature I

Grade Open To: 11 **Term:** 1 **Credit:** 0.5

Prerequisite: None

Fees: Cost of required paperback books (workbook if needed)

Description: This course is designed for juniors with strong oral and written communication skills who are planning to attend college. Selected readings in American Literature, from the Colonial Period through the Civil War era, will be studied in historical as well as thematic context. Vocabulary study will be drawn from the readings, and students will respond to the literature through class and small group discussions and activities. Students will write essays based on their responses to and/or critical analyses of the readings. Rhetorical strategies, grammar, usage, and mechanics will be studied as they relate to growth in critical thinking and in writing style and correctness. Students complete an independent research project based on a classic American work.

English

American Literature II

Grade Open To: 11 **Term:** 2 **Credit:** 0.5

Prerequisite: None

Fees: Cost of required paperback books (and workbook if needed)

Description: This course is designed for juniors with strong oral and written communication skills who are planning to attend college. Selected readings in American Literature, from the Civil War era to modern times, will be studied in an historical as well as thematic context. Vocabulary study will be drawn from the readings, and students will respond to the literature through class and small group discussions and activities. Students will also write essays based on their responses to and/or critical analyses of the readings. Rhetorical strategies, grammar, usage, and mechanics will be studied as they relate to growth in critical thinking and in writing style and correctness.

Students will complete an independent research project using MLA guidelines.

Contemporary Literature and Composition I

Grade Open To: 12 **Term:** 1 **Credit:** 0.5

Prerequisite: A required Junior English course

Fees: Cost of required paperback books

Description: This semester-long course will offer writing experiences, including research, coupled with a chronological literature base that will make the student more culturally literate through a diverse array of literature, including multi-cultural literature, from half of the modern canon. This course will create culturally aware students prepared for the multitude of experiences awaiting them in the college classroom, both academically and socially, as well as for experiences outside of the classroom.

Contemporary Literature and Composition II

Grade Open To: 12 **Term:** 2 **Credit:** 0.5

Prerequisite: A required Junior English course

Fees: Cost of required paperback books

Description: This semester-long course will offer writing experiences, including research, coupled with a chronological literature base that will make the student more culturally literate through a diverse array of literature, including multi-cultural literature, from the later half of the modern canon. This course will create culturally aware students prepared for the multitude of experiences awaiting them in the college classroom, both academically and socially, as well as for the experiences outside of the classroom.

Creative Writing

Grade Open To: 10-11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: None

Description: This course is designed for students who have above-average language skills and wish to study and write short stories, poems, plays, and other forms of creative expression. Students are required to write daily and produce a portfolio of completed work during the semester. In addition, students are required to submit writings for publication and orally present various writings to the class. **Note:** This course may be taken for elective credit only and does not count toward English credit for graduation.

English

Drama/Theater

Grade Open To: 10-11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: None

Fees: Cost of theatrical supplies and field trips

Description: This course is open to students who want to concentrate on the preparation, performance, and production of dramatic literature. The course culminates in reading a play, editing a script, and performing a scene from that play. **Note:** This course may be taken for elective credit only and does not count toward English credit for graduation.

English 9

Grade Open To: 9 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: None

Fees: Cost of required paperback book

Description: This course is designed to provide freshmen with an overview of various literary genres. Students read selected short stories, poems, plays, a novel and an epic. They learn to appreciate the distinctive qualities that each genre possesses. Grammar study emphasizes elimination of usage and mechanical errors in their writing. To develop their skills in composition, students write a variety of compositions, including a self-assessment project, paragraphs, multi-paragraph essays and a research project. Vocabulary development is based on the literary selections.

English 9 Honors

Grade Open To: 9 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of 8th grade Accelerated Language Arts course or strong desire for a challenging and rigorous course.

Fees: Cost of required paperback books

Description: This course is available to freshmen with superior ability in reading and language arts. Included in this intensive year-long program is the study of genres – including short stories, drama and poetry – as well as select units in grammar and usage. Novel study further advances literary, analytical and interpretive skills. Special units in reference (research paper required), mythology and vocabulary building are the main components of this advanced course.

English 10

Grade Open To: 10 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: None

Fees: Cost of required paperback books and workbook

Description: This course is intended to advance students' organizational, reading, writing, speaking, listening and critical thinking skills. Student writing includes journals response and interpretive, expository, persuasive, narrative essays, and historical research. The literature features nonfiction, including autobiographical and biographical readings. Emphasis is placed on meeting state learning standards in English and on improving writing, speaking and listening skills. This course enables students to interact with their classmates and to express themselves creatively, as well as factually, in both written and oral communication. Particular emphasis is placed on preparing students to take the PSAT reading and writing tests.

English

English 10 Honors

Grade Open To: 10 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of English 9 or English 9 Honors

Fees: Cost of required paperback books and workbook

Description: This advanced-level course is for students who have demonstrated exceptional reading and writing skills during their English 9 coursework. Students study a variety of themes in literature through the study of the works of American authors. Writing assignments and vocabulary development are based on the literature studied. Particular emphasis is placed on preparing students to take the PSAE reading and writing tests.

English 11: Advanced Placement (AP) Language and Composition

Grade Open To: 11 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of English 10 or English 10 Honors

Fees: The cost of required paperback books

Description: This course is designed to develop students' abilities in using grammatical conventions appropriately and to advance stylistic maturity in their prose writing. Further, this course will advance the reading and critical analytical skills through a variety of contexts, periods, and disciplines. Students will prepare for the Advanced Placement Language and Composition Examination through reading, discussion, analysis, and practice testing. The writing component of this college level course includes expository, analytical, and argumentative writing. Students perform college level work and are expected to take the Advanced Placement exam. **This course has a weighted grade.**

English 12: Advanced Placement (AP) Literature

Grade Open To: 12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of any junior-level English course

Fees: Cost of required paperback books

Description: This course consists of a study of great works of literature on a thematic basis: the themes of good and evil, love and hate, happiness and duty, and liberty and security will be the focus for the literature. Literary works of authors such as Bronte, Hawthorne, Wilder, Shakespeare, and Thoreau will be studied. The composition component will continue to develop the compositional patterns begun in the earlier honors coursework. This is the most rigorous course in the English curriculum and is equivalent to most college freshman courses. Students perform college level work and are expected to take the Advanced Placement exam. **This course has a weighted grade.**

English Literature 1

Grade Open To: 11 **Term:** 1 **Credit:** 0.5

Prerequisite: Successful completion of English 10

Fees: Cost of selected paperback books (workbook if needed)

Description: This course is presented within an historical context. Beginning with the Anglo-Saxon writings, students learn about the progression of English literature from its earliest stages through the 17th Century. Selected authors and works from the Anglo-Saxon, Medieval, Renaissance, and 17th Century periods are noted. Important developments in the English language are reviewed. Generally, the course is designed to give students a broader sense of the development of literature as a foundation for further study at the college level. The course is highly recommended for students planning to attend college.

English

English Literature 2

Grade Open To: 11 **Term:** 2 **Credit:** 0.5

Prerequisite: Successful completion of English 10

Fees: Cost of selected paperback books (and workbook if needed)

Description: This course deals with the periods of English literature from the Restoration to the present in an historical context. Selected authors and works from the Restoration, 18th Century, Romantic, Victorian, and Modern/Contemporary periods are discussed, and the historical significance of these eras is noted. Important developments in the English language are reviewed. Generally, the course is designed to give students a broader sense of the development of literature as a foundation for further study at the college level. The course is highly recommended for students planning to attend college.

Journalism II

Grade Open To: 11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: None

Description: This course is designed for those students who have completed Advanced Writing: Journalism and wish to improve their journalistic writing skills by working on school publications. Students enrolled in this course serve as editors of the school newspaper and work on in-depth reports for class projects. Readings include daily newspapers and news magazines. This course may be taken for elective credit only and does not count toward English credit for graduation.

Media Studies: Evaluation & Writing

Grade Open To: 11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: Successful completion of English 9, 10 and 11

Fees: Cost of field trips

Description: This project-oriented course focuses on various elements of media, including newspapers, radio, television, film, and advertising. Students sharpen their skills in group dynamics, critical thinking, and evaluation through examination of current news coverage and story structure. Hands-on experience is provided through the use of audio-visual equipment. **Note:** This course may be taken for elective credit only and does not count toward English credit for graduation.

Reading and Reasoning

Grade Open To: 9 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Placement only

Description: This course is intended to improve reading comprehension, fluency, word recognition, critical thinking, study skills, and reading rate in all content areas. Additionally, this course enhances the enjoyment of reading for pleasure. Students enrolled in this course are also enrolled in English 9. **Note:** This course may be taken for elective credit only and does not count toward English credit for graduation.

English

Reading Seminar

Grade Open To: 9 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Placement only

Description: This course is designed to delve deeper into concepts such as reading comprehension, fluency, advanced vocabulary skills, critical thinking, study skills, and reading rate in all content areas. Additionally, this course promotes a student's ability to integrate information into their reading and writing. Students enrolled in this course are also enrolled in English 9. **Note:** This course may be taken for elective credit only and does not count toward English credit for graduation.

Rhetoric 1

Grade Open To: 12 **Term:** 1 **Credit:** 0.5 toward high school graduation,
3.0 semester hours of Joliet Junior College credits

Prerequisite: Completion of American Literature, English Literature 1 and 2 or English 11 AP Language and Composition; qualification on the Joliet Junior College Compass Test

Fees: Payment of Joliet Junior College tuition and purchase of textbooks

Description: This course is designed to teach writing skills necessary for success in college. It is required for students intending to continue in a baccalaureate program. Special emphasis is placed upon summary writing, exposition, and argumentation. This course is offered as a dual credit course through Joliet Junior College. Students who successfully complete this course receive 3.0 semester hours of credit for English 101 – Rhetoric at JJC. **This course is weighted.**

Rhetoric 2

Grade Open To: 12 **Term:** 2 **Credit:** 0.5 toward high school graduation
3.0 semester hours of Joliet Junior College credits

Prerequisite: Open to students who have attained a score of 3-4-5 on the AP English Language and Composition Examination or successful completion of Rhetoric 1

Fees: Payment of Joliet Junior College tuition and purchase of textbooks

Description: This course provides continued training and practice in composition, employing examples of literary genres to help students develop their writing competencies. A 2,500+ word research paper is required. This course is offered as a dual credit course through Joliet Junior College. Students who successfully complete this course receive 3.0 semester hours of credit for English 102 – Rhetoric at JJC. **This course is weighted.**

English

Senior Reading and Writing Seminar I

Grade Open To: 12 **Term:** 1 **Credit:** 0.5

Fees: Cost of required paperback books

Description: This reading and writing course is designed for students who would like to develop their skills in anticipation of the college experience. Students will be required to read and respond to novels through detailed response journals. In addition, students will gain expertise in analyzing, interpreting, and comparing a variety of texts for purpose, structure, content, detail, and effect. Through formal and writing activities, students will explore a variety of composition modes. Following the “process model” of writing, students will compose multiple drafts, receive feedback from peers, and sharpen their revision skills. Students will also complete a research component, which will require application of the skills needed to complete a college-level research assignment.

Senior Reading and Writing Seminar II

Grade Open To: 12 **Term:** 2 **Credit:** 0.5

Fees: Cost of required paperback books

Description: This course is a continuation of Senior Reading and Writing Seminar I and is designed for students who would like to develop their skills in anticipation of the college experience even further. Students will be required to read and respond to novels through detailed response journals. In addition, students will gain expertise in analyzing, interpreting, and comparing a variety of texts for purpose, structure, content, detail, and effect. Through formal and writing activities, students will explore a variety of composition modes. Following the “process model” of writing, students will compose multiple drafts, receive feedback from peers, and sharpen their revision skills. Students will also complete a research component, which will require application of the skills needed to complete a college-level research assignment.

English Language Learner Program

All students who use a language other than English in their home are required by law to be screened for English language proficiency. Students who qualify for services as a result of the screening may be enrolled in the English Language Learner (ELL) Program.

English as a Second Language (ESL) courses and content classes are offered in “Sheltered English” Instruction. Sheltered English is an instructional approach used to make academic instruction in English understandable to students learning English. Students who are taking ESL I, II, or III, will be placed in “sheltered” core classes where teachers are trained to use physical activities, visual aids, and the environment to teach important new words for concept development in mathematics, science, history, and other subjects.

The methods that teachers employ in sheltered classes include the following:

- Verbal cues such as visuals, props, and body language.
- Language modifications such as repetition and pauses during speech.
- Interactive lectures with frequent comprehension checks.
- Cooperative learning strategies.
- Focus on central concepts rather than on details by using a thematic approach.
- Development of reading strategies such as semantic mapping and writing to develop thinking.

The main goal is to make content comprehensible so that ELL students can interact and learn along side their English-speaking peers.

ESL classes promote the improvement of English language proficiency and academic language. ESL students receive credit equal to corresponding mainstream classes, which is substituted for the mainstream graduation requirements.

<u>BEGINNING</u>	<u>INTERMEDIATE</u>	<u>ADVANCED</u>
ESL I (Part 1)	ESL II (Part 1)	ESL III (Part 1)
ESL I (Part 2)	ESL II (Part 2)	ESL III (Part 2)
Core courses	Core courses	Core courses

English as a Second Language (ESL)

ESL 1 Part 1 and 2

Grade Open To: 9-10-11-12 **Term:** 1 & 2 **Credit:** 2.0 (English 1.0 and Elective 1.0)

Prerequisite: Placement exam

Description: This course helps students with very limited knowledge of English to learn English in a no-stress environment. Students will be encouraged to participate in meaningful activities as they acculturate to the school environment and community. Essential study skills and cultural understandings necessary for academic and professional success will be heavily emphasized. Students will develop oral/listening classroom skills, reading and writing strategies, expand their vocabulary, and use more complex sentence patterns in the content areas. Students will also learn how to use school and community resources to assist them with their acclimation to a new school and culture.

ESL 2 Part 1 and 2

Grade Open To: 9-10-11-12 **Term:** 1 & 2 **Credit:** 2.0 (English 1.0 and Elective 1.0)

Prerequisite: Completion of ESL 1 Part 1 & 2/Placement exam

Description: This course will continue the process of acculturation and help students understand and produce more complex oral and written language. Students will continue to participate in activities that reinforce listening, speaking, reading and writing skills in the content areas. Students will study and interpret a range of texts and produce a variety of forms of writing. Through meaningful activities, students will develop their oral presentations skills and acquire study skills (including note-taking and summarizing skills) that will enhance their ability to learn and succeed in content area classes. Students will study and interpret a variety of grade level texts, and develop oral communication/listening skills through participation in informal debates and seminars.

ESL 3 Part 1 and 2

Grade Open To: 9-10-11-12 **Term:** 1 & 2 **Credit:** 2.0 (English 1.0 and Elective 1.0)

Prerequisite: Completion of ESL 2 Part 1 & 2/Placement exam

Description: This course is designed for students who have demonstrated proficiency in listening, speaking, reading, writing and study skills necessary for success in the mainstream classroom. Students will continue to develop the reading, writing and oral presentation skills required for all subjects and college setting. Students will be encouraged to develop independence in reading literary works and academic texts, in writing essays and narratives, and applying learning strategies and research skills for the rigor of college. Students will be required to respond critically to print and media works. This course prepares students to use English with increasing accuracy in classroom and social situations and to participate in society as informed students.

Fine Arts/World Languages — Art

The District 202 art curriculum is designed to expose students to the creative experience through cross-disciplinary units of study. Combining visual and kinesthetic methods, students acquire skills in coordination, sequencing, critical thinking, and problem solving, which prepares them as life-long learners enhancing any chosen path. The focused or college prep art student is encouraged to follow the four-year Fine Arts Sequence, while students interested in technology within art are encouraged to follow the Multimedia Sequence.

Art Foundations

Grade Open To: 9-10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: None

Description: This is the first course of the Fine Arts Sequence and Multimedia Sequence. It is an academic approach to the media, methods, and techniques needed to produce objective two-dimensional and three-dimensional artwork. The goal of this course is to provide each student with the foundation for all classes in each individual sequence through exposure to a variety of media while covering the elements and principles of design. The class focuses on black and white media and methods of drawing during the first semester, and color media and methods during the second semester. Students are required to purchase additional supplies.

Advanced Drawing

Grade Open To: 10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Art Foundations

Description: In the second year of the Fine Arts Sequence, students use their prior knowledge of the elements and principles of design from the Art Foundations course to explore a wider variety of media with more intensity, while composing artwork that emphasizes originality and creativity. Students are required to purchase additional supplies.

Art Survey & Explorations

Grade Open To: 9-10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: None

Description: The goal of this course is to expose the student to a variety of media. With a wide range of artistic ability in this class, the student will be prepared to approach each project by focusing on the variety of demonstrated tools and techniques. This course also explores some of the influential cultures, themes and artistic movements that have an impact on our society today. Students are required to purchase additional supplies.

Ceramics 1

Grade Open To: 9-10-11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: None

Description: The goal of this course is to introduce students to the medium of clay. Students become familiar with many hand-building techniques to produce projects throughout the semester, based on preliminary drawings. Some techniques covered include pinch, coil, slab, and sculpture. Each project takes approximately three weeks from pencil and paper design to glazing. Students are required to purchase additional supplies.

Fine Arts/World Languages — Art

Ceramics 2

Grade Open To: 9-10-11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: Successful completion of Ceramics 1

Description: The goal of this course is to continue the techniques and skills of working with clay, with a more individual and intense approach to each project. The technique of wheel throwing is introduced during this semester, which broadens and enhances the student's knowledge of ceramic production. Students are required to purchase additional supplies.

Commercial Art

Grade Open To: 10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Advanced Drawing, teacher recommendation (Grade 10)

Description: This course is suggested to be the third year of the Fine Arts Sequence and focuses on the commercial aspect of art. The first semester concentrates on two-dimensional design. Logo development, typography and graphic imaging are taught through a variety of tools, from hand methods to current industry standard software. Some images are transferred to three-dimensional product design. Students are required to purchase additional supplies.

Digital Photography & Imaging I

Grade Open To: 10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Art Foundations

Description: This is the suggested second course of the Multimedia Sequence. Its goal is to provide an introduction to the computer as a media tool. Current industry standard software and peripheral devices are used, culminating in digital illustrations. Students are required to purchase additional supplies.

Digital Photography & Imaging II

Grade Open To: 10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Digital Photography & Imaging I

Description: This is the suggested third course of the Multimedia Sequence and incorporates current computer software in conjunction with acquiring basic photographic skills when using a digital camera. Projects are designed to cultivate camera handling and knowledge, help students become familiar with photographic composition, and to learn basic software tools and techniques. Students are required to purchase additional supplies.

Painting

Grade Open To: 11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Advanced Drawing

Description: This course is suggested to be the fourth year of the Fine Arts Sequence. It focuses on the fine art of painting with watercolor, acrylic, and oils, which will be utilized to develop projects that are original in design and encourage creativity in a painterly experience. Students are required to purchase additional supplies.

Sculpture 1

Grade Open To: 9-10-11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: None

Description: The goal of this course is to introduce students to three-dimensional artwork. Students are exposed to traditional techniques and concepts of sculpture using additive and subtractive processes in a variety of media. Students also explore the sculptor's impact on and connection to societies and cultures of the past and present. Students are required to purchase additional supplies.

Fine Arts/World Languages — Art

Sculpture 2

Grade Open To: 9-10-11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: Successful completion of Sculpture 1

Description: The goal of this course is to study the techniques and methods for the creation of three-dimensional artwork more intensively. Students continue to use additive and subtractive processes within a variety of media. Students also experience a more comprehensive examination of the impact and connection of sculpture to societies and cultures of the past and present. Students are required to purchase additional supplies.

AP Studio Art

Grade Open To: 12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Minimum of three full-year art classes

Description: AP Studio Art is an Independent Study Course designed for highly motivated students who are seriously interested in the study of art; the program demands significant commitment. The experience should culminate with a prepared portfolio that may be submitted to the College Board for approval. Students will be expected to work both in the classroom and out, beyond the scheduled periods. Students will be required to purchase additional supplies. Students perform college level work and are expected to take the Advanced Placement exam. **This course has a weighted grade.**

Fine Arts/World Languages — Music

District 202 presents a music curriculum that appeals to every student. Students can be exposed to the wonders of learning and enjoying music through playing an instrument, singing, or exploring music technology, history, or theory.

Concert Band

Grade Open To: 9-10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Audition

Fees: \$46.00

Description: The Concert Band focuses on the development and reinforcement of fundamental playing skills. Freshmen and new students are automatically placed in this ensemble and must audition to enter the Symphonic Band. Auditions determine chair and band placement. The high school Concert Band performs repertoire that provides formative experiences in developing its musicianship. Students are evaluated by their in-class and out-of-class preparation. During August, September, and October, class content emphasizes marching, both parade and field. After marching season, students concentrate on concert preparation. Students enrolled are required to attend out-of-school functions, such as concerts, parades, field trips, and extra rehearsals/sectionals.

Symphonic Band

Grade Open To: 9-10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Audition

Fees: \$46.00

Description: If the band program enrollment dictates two bands, the Symphonic Band will be the top-performing group of the high school bands. The student enters the group through an audition. The Symphonic Band performs music in a variety of styles. The “Comprehensive Musicianship” approach is used to acquaint the student with numerous aspects of music, including historical periods and harmonic and melodic characteristics. Performance is the focal point of the class. Students are evaluated by their in-class and out-of-class preparation. During August, September and October, class content emphasizes marching, both parade and field. After marching season, students concentrate on concert preparation. Students enrolled are required to attend out-of-school functions, such as concerts, parades, field trips, and extra rehearsals/sectionals.

Mixed Choir

Grade Open To: 9-10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: None

Fees: \$30.00

Description: Mixed Choir is open to all students. No previous choral experience is necessary. The ensemble performs traditional choral literature at concerts throughout the year. The curriculum is based on basic concepts of vocal fundamentals and music theory. Students learn solfege, notational skills, and the basics of sight-reading. Attendance is required at seasonal evening concerts and after-school rehearsals.

Fine Arts/World Languages — Music

Treble Choir

Grade Open To: 10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Audition

Fees: \$30.00

Description: Treble Choir is open by audition to women with choral experience; students will be placed with consent from the instructor. The curriculum is based on intermediate concepts of vocal fundamentals and music theory. Emphasis is placed on sight-reading. Students perform choral literature of all styles. Attendance is required at seasonal evening concerts and after-school rehearsals throughout the year. Additional required performances and festivals may be scheduled.

Concert Choir

Grade Open To: 10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Audition

Fees: \$30.00

Description: Concert Choir is open by audition to students with a proficiency in vocal and sight-reading skills. The curriculum is based on advanced concepts of music theory relating to tonality, vocal technique, and sight-reading. Attendance is required at seasonal concerts and after-school rehearsals throughout the year. Additional required performances and festivals may be scheduled.

Music Survey

Grade Open To: 9-10-11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: None

Description: This course is a study of musical style, from the Renaissance period to the music of today. Special emphasis is given to major forms and composers, as well as the instruments and characteristics of the stylistic periods of music history. The course also includes considerable time listening to musical performances. Students are required to pay for admission to required concerts, programs, etc.

Music Theory 1

Grade Open To: 9-10-11-12 **Term:** 1 **Credit:** 0.5

Prerequisite: None

Description: Students learn the basics of reading and writing music. This course is suitable for students with any background and gives all students a better understanding of music. The course also helps prepare musicians who are interested in a college music major.

AP Music Theory

Grade Open To: 10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Music Theory 1

Description: This course is a continuation of Music Theory 1 and will give students a better understanding of composition, arranging, and harmonic analysis. This course is suggested for students who have a serious interest in music or are interested in pursuing music beyond high school. The ultimate goal of an AP Music Theory course is to develop a student's ability to recognize, understand, and describe the materials and processes of music that are heard or presented in a score. The student's ability to read and write musical notation is fundamental to this course. It is also assumed that the student has acquired at least basic performance skills in voice or an instrument. Students perform college level work and are expected to take the Advanced Placement exam. **This course has a weighted grade.**

Fine Arts/World Languages — Music

Technology in Music

Grade Open To: 10-11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: None

Description: This course focuses on exposing students to a wide range of music technology and how that technology can be applied to their daily lives and possibly to their career choices. Topics such as MIDI, digital recording, sequencing, and computer aided sound engineering are covered. Students are given opportunities to create their own music, digitally record it, edit it using computer software, and transfer the project to a CD. Students are required to learn to use digital recording equipment by recording music department rehearsals and concerts. Students must provide their own CD-R's for recording.

Fine Arts/World Languages — World Languages

District 202 strives to keep a world languages department that is current in language teaching methodology and technologies. The five C's of language – communication, cultures, connections, comparisons, and communities – are balanced in the language lessons. Language is acquired through student-centered and meaningful activities.

American Sign Language 1 (ASL)

Grade Open To: 9-10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: None

Description: This class introduces students to the deaf culture, vocabulary words for this new language, and correct grammatical and syntactical rules. Students present songs, stories, and sentences to show their expressive skills. They are also tested on their knowledge of the deaf culture and their ability to understand signing when presented to them by the teacher.

American Sign Language 2 (ASL)

Grade Open To: 10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of American Sign Language 1

Description: This course continues vocabulary building along with expanding students' knowledge of the deaf culture, grammar, and syntactical rules. Along with performing songs and poems, students may also perform the National Anthem at various sporting events along with other possible public performances.

French 1

Grade Open To: 9-10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: None

Description: Students are engaged in the French language through reading, writing, listening, and speaking. An emphasis is placed on acquiring basic vocabulary, verb tenses, and grammatical structures to develop communication skills. Students also learn about France and other French-speaking cultures.

French 2

Grade Open To: 9-10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of French 1

Description: This course begins with a general review of French 1, followed by more complex vocabulary, verb tenses, and grammar. Students are engaged in daily French conversation and composition. Reading selections are introduced to further expand a student's competence in French. The study of French-speaking customs and cultures is an integral part of this level.

French 3

Grade Open To: 10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of French 2

Description: After a brief review of French 2, more emphasis is given to daily oral communication, as well as the study of advanced French grammar and composition. Students participate in an in-depth study of French-speaking cultures, including authentic literary works.

Fine Arts/World Languages — World Languages

French 4

Grade Open To: 11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of French 3

Description: Students are introduced to French history and the works of famous French writers. Students read and study the correlation of the literature to the social and economic conditions of France. Students are required to communicate in French.

AP French

Grade Open To: 11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of French 3

Description: This course is intended for students who already have a good command of French grammar and vocabulary and have competence in listening, reading, speaking, and writing. This course seeks to develop language skills that can be used in various activities and disciplines through materials such as textbooks and anthologies, audio and video recordings, films, newspapers, and magazines. Extensive training in the organization and writing of compositions is also emphasized. Students perform college level work and are expected to take the Advanced Placement exam. **This course has a weighted grade.**

German 1

Grade Open To: 9-10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: None

Description: Vocabulary and everyday German expressions are emphasized in order to promote conversational expression. Extensive work is done in German grammar to build a strong foundation and strengthen the student's knowledge base. The culture, history, and geography of the German-speaking people are also studied to provide a well-rounded first year.

German 2

Grade Open To: 9-10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of German 1

Description: Conversational and written German are emphasized to expand communicative functions in the language, while basic grammatical structures are completed. New vocabulary and higher-level grammatical structures are introduced. The study of culture, history, and geography are continued.

German 3

Grade Open To: 10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of German 2

Description: Vocabulary is expanded and more complex grammatical structures are introduced. Readings come from a variety of literary sources and cover both fiction and non-fiction. Communicating in the language is stressed, with a focus on the development of a theme in both speaking and writing. Culture will focus on art, music, architecture, and history.

Fine Arts/World Languages — World Languages

German 4

Grade Open To: 11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of German 3

Description: Modern German literature is read and grammar is refined. Literature includes short stories, poetry, and plays. The survey of German history and culture is completed. Written compositions and oral conversations are emphasized.

AP German

Grade Open To: 11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of German 3

Description: AP German is intended for students who already have a good command of German grammar and vocabulary and have competence in listening, reading, speaking, and writing. This course seeks to develop language skills that can be used in various activities and disciplines through materials such as textbooks and anthologies, audio and video recordings, films, newspapers, and magazines. Extensive training in the organization and writing of compositions is also emphasized. Students perform college level work and are expected to take the Advanced Placement exam. **This course has a weighted grade.**

Spanish 1

Grade Open To: 9-10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: None

Description: In this course, emphasis is placed on building a foundation of basic vocabulary and grammar in order to develop the student's abilities to read, write, speak, and listen in the Spanish language. The culture and customs of the Spanish-speaking people are also introduced.

Spanish 2

Grade Open To: 9-10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Spanish 1

Description: After a brief review of Spanish 1, this course emphasizes the ability to understand and use the Spanish language. The study of Spanish grammar and vocabulary continues to enhance the student's skills in reading, writing, listening, and speaking, and involves more difficult Spanish concepts. The customs and cultures of Spanish speaking countries remain a central element in the second-level program.

Spanish 2 Accelerated

Grade Open To: 10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Spanish 1 or teacher recommendation

Description: This course features an enhanced Spanish 2 curriculum designed to increase Spanish proficiency through extended lessons in the text, a cultural reader, and supplementary materials. This class moves at a faster pace than Spanish 2. Although students learn more Spanish, this course does not carry honors credit. Students in this course are expected to advance to Spanish 3 Accelerated and ultimately AP Spanish Language or Literature.

Fine Arts/World Languages — World Languages

Spanish 3

Grade Open To: 10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Spanish 2

Description: After a brief review of Spanish 2, this course focuses on oral communication and involves the study of complex Spanish grammar, composition, and culture. Selected readings become more challenging and supplementary mini-units are included to reinforce new vocabulary, grammar, and culture.

Spanish 3 Accelerated

Grade Open To: 11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Spanish 2 or Spanish 2 Accelerated

Description: This course moves at a faster pace than Spanish 3, picking up from the curriculum of Spanish 2 Accelerated. A student's skills in Spanish are enhanced by covering more material and by increased practice in speaking, reading, and writing. Although students learn more Spanish, this course does not carry honors credit. Students are expected to continue their study of Spanish in AP Spanish Language or Literature.

Spanish 4

Grade Open To: 11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Spanish 3 or Spanish 3 Accelerated

Description: This course further develops the skills of reading, writing, listening, and speaking, and is also an advanced study of the various Spanish-speaking cultures, highlighting their history, geography, literature, and customs. Vocabulary acquisition and grammatical study are also emphasized. This course prepares students for post-secondary Spanish studies.

AP Spanish Language

Grade Open To: 11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Spanish for Heritage Speakers 2 or Spanish 3 or Spanish 3 Accelerated

Description: This course is intended for students who wish to develop proficiency and integrate their language skills using authentic materials and sources. Students who enroll should already have knowledge of the language and cultures of Spanish-speaking peoples and should have attained a reasonable proficiency in using the language. The course is meant to be comparable to college and university courses that focus on speaking and writing in the target language at an advanced level. Reading is extensive and Spanish will be used in speaking opportunities in both interpersonal and presentational modes. Writing is practiced through both formal and informal tasks. Students perform college level work and are expected to take the Advanced Placement exam. **This course has a weighted grade.**

AP Spanish Literature

Grade Open To: 12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Spanish 3, Spanish 3 Accelerated or Spanish for Heritage Speakers 2

Fees: None

Description: The AP Spanish Literature course is designed to provide students with a learning experience equivalent to that of a third-year college course in Peninsular and Latin American Literature. The course is designed to introduce students to the formal study of a representative body of Peninsular and Latin American literary texts. Students perform college level work and are expected to take the Advanced Placement exam. **This course has a weighted grade.**

Fine Arts/World Languages — World Languages

Spanish for Heritage Speakers 1

Grade Open To: 9-10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Placement test or teacher recommendation

Description: This course is designed for students who have had exposure to Spanish at home. Spanish and Latin American culture, history, and language skills will be covered through literature, projects, and supplementary materials. For placement in this class, students are required to demonstrate a degree of Spanish proficiency.

Spanish for Heritage Speakers 2

Grade Open To: 9-10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Spanish for Heritage Speakers 1

Description: This course is a continuation of Spanish for Heritage Speakers 1. Students will continue to extend their vocabulary and grammar skills through creative writing, literature, and projects. Units of study may include, but are not limited to, Hispanic art, immigration, and Spain's influence in the Latino world. Students are encouraged to continue their study of Spanish by taking an advanced course.

Mathematics

Algebra 1 Part 1 and 2 Double Period

Grades Open To: 9 **Term:** 1 & 2 **Credit:** 2.0 (1 elective and 1 math credit)

Prerequisite: Placement only

Fees: None

Description: This course is intended for students who are college bound and non-college bound alike. Some of the topics which will be included in this course are: use of variables and formulas, rate of change and linear function, solving equations, factoring, operations with polynomials, systems of equations, exponents, radicals, probability and quadratic equations. Scientific calculator required. (TI scientific preferred)

Algebra 1

Grades Open To: 9-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: None

Description: This course is offered to students whose career goals require a college-oriented mathematics foundation. Some of the topics included in this course are: use of variables and formulas, rate of change and linear functions, solving equations, factoring, operations with polynomials, systems of equations, exponents, radicals, probability, and quadratic equations. Scientific calculator required (TI scientific preferred).

Algebra 1 Part 2

Grades Open To: 10 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Algebra 1 Part 1

Description: This course is intended for students who are college bound and non-college bound alike. This is the second year of a two-part sequence, which is equivalent to the standard Algebra 1 course. Although successful completion of Algebra 1 (Parts 1 and 2) earns students two credits toward graduation, most colleges consider them to be equivalent of one year of algebra for admission purposes. Some of the topics included in this course are: solving and graphing linear inequalities, solving systems of linear equations and inequalities, operations with polynomials, factoring, exponents, radicals, quadratic equations, and exponential functions. Completion of Algebra 1 (Parts 1 and 2), Geometry: Concepts and Applications, and Intermediate Algebra 2 fulfills college entrance requirements. Scientific calculator required (TI scientific preferred).

Algebra 2

Grade Open To: 10-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Geometry and Algebra 1

Description: This course is designed to fulfill admission requirements for a four-year college. Topics which will be included in this course are: real numbers and variable operations, equations, inequalities, graphs, polynomials, functions, complex numbers, matrices, systems of equations, rational expressions, conics, exponential and logarithmic functions, and introductory trigonometry. Graphing calculator required (TI-83+, TI-84, or TI84+ preferred).

Mathematics

Algebra 2 Honors

Grade Open To: 9-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: 8th grade Algebra or Algebra 1 and Geometry

Description: This course is offered to students who meet the expectations for the honors mathematics program and whose career goals require a strong mathematics foundation. This course covers all of the topics of Algebra 2 but in greater depth and at a more accelerated pace. Instruction in this course is designed for college-bound students who are interested in mathematics-related or science-related fields of study. Graphing calculator required (TI-83+, TI-84, or TI84+ preferred).

Applied Mathematics

Grade Open To: 12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Placement only

Description: This course is designed to help students develop job-related and personal mathematics skills. The course includes material that focuses on problem-solving techniques, estimation of answers, measurement skills, applied geometry, data handling, simple statistics, and the use of algebraic formulas to solve problems. Also, consumer applications such as income taxes, insurance, and interest are covered. Scientific calculator required (TI scientific preferred).

AP Calculus AB

Grade Open To: 12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Precalculus

Description: This is a standard first-semester college course in the Calculus of elementary functions. In this course the students will learn the techniques, concepts, and applications of limits, differentiation, and integration. Multiple representations of concepts will be investigated- graphical, analytical, numerical, and verbal. Technology will be integrated throughout the course to develop and enhance the curriculum. Students perform college level work and are expected to take the Advanced Placement exam. **This course has a weighted grade.** Graphing calculator required (TI-83+, TI-84, TI84+, TI89 preferred).

AP Computer Science A

Grade Open To: 11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Interactive Web Design

Description: The course will provide an object-oriented approach to computer programming, leading to the Advanced Placement exam given in May. The current language used for the AP exam will be used for this class. The student will be required to develop programming and logical thinking skills necessary to solve problems in science, math, and business. Students perform college level work and are expected to take the Advanced Placement exam.

This course has a weighted grade. Current AP language: Java. Internet use form must be completed and returned before the first class meeting. *This course may be taken for elective credit only. This course does not count toward Math credit for graduation.*

Mathematics

AP Statistics

Grade Open To: 11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Algebra 2

Description: AP Statistics is an introductory course equivalent to a one-semester college statistics course that is required for a variety of college majors. Its purpose is to introduce major concepts and tools for collecting, analyzing, and drawing conclusions from data. It can be taken individually or concurrently with another math class. Students perform college level work and are expected to take the Advanced Placement exam. **This course has a weighted grade.** Graphing calculator required (TI-83+, TI-84, or TI84+ preferred).

Geometry

Grade Open To: 10-11 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Algebra 1

Description: In this course, students are taught deductive reasoning and become acquainted with the development of a mathematical system. Some of the topics included are: logical thinking and proof-writing, polygons, circles, congruency, transformations, parallel, and perpendicular lines, similarity, constructions, areas of polygons, and some three-dimensional concepts. This course will aid students in thinking logically, a skill necessary for everyday living as well as post-high school education. Compass, protractor, and scientific calculator required (TI scientific preferred).

Geometry Honors

Grade Open To: 10 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Algebra 1

Description: This course expands upon the topics presented in the regular geometry course, further emphasizing the structure of Euclidean geometry and the use of proof as a problem-solving technique. Additional topics to be covered include solid geometry, coordinate geometry, and introductory right triangle trigonometry. Instruction in this course is designed for college-bound students who are interested in mathematics-related or science-related fields of study. Compass, protractor, and scientific calculator required (TI scientific preferred).

Interactive Web Design

Grade Open To: 9-10-11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: Successful completion of Introduction to Programming

Description: This project-based course expands on the object-oriented programming approach and topics introduced in the Introduction to Programming course. It also attends to the first portion of the AP Computer Science A curriculum in its current language. Internet use form must be completed and returned before the first class. **Note:** This course may be taken for elective credit only. This course does not count toward Math credit for graduation.

Mathematics

Intermediate Algebra 2

Grade Open To: 12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Geometry: Concepts and Applications

Description: This course is the fourth course in the completion of Algebra 1 Part 1 & Part 2 and Geometry: Concepts & Applications sequence. It is also designed to fulfill admission requirements for a four-year college. Some of the topics included are: real numbers and variable operations, equations, inequalities, graphs, polynomials, functions (may include linear, quadratic, polynomial, power, exponential, and logarithmic), complex numbers, matrices, systems of equations, rational expressions, and an introduction to conics and trigonometry. Topics are approached from a graphical, numerical, and symbolic view. Graphing calculator required (TI-83+, TI-84, or TI 84+ preferred).

Introduction to Programming

Grade Open To: 9-10-11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: Algebra 1 or concurrent enrollment in Algebra 1

Description: This course will provide an introduction to object-oriented programming. Basic programming structure and syntax are introduced using JavaScript. The current focus will be on creating World Wide Web documents. Internet use form must be completed and returned before the first day of class. **Note:** This course may be taken for elective credit only. This course does not count toward Math credit for graduation.

Precalculus

Grade Open To: 11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Algebra 2

Description: This course is designed for students who intend to pursue fields of study needing higher math after high school. Some topics included are: solving higher order equations and inequalities, analyzing functions and their behavior (trigonometric, logarithmic, and exponential), probability, data collection and analysis, sequences and series, and an introduction to limits. Graphing calculator required (TI-83+, TI-84, or TI-84+ preferred).

Precalculus Honors

Grade Open To: 11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Algebra 2

Description: This course is designed for students who have demonstrated a strong foundation in Algebra 2 Honors and is the prerequisite for Calculus Honors. All of the topics in Precalculus are covered in greater depth and at a more accelerated pace. More emphasis is placed upon the theory of equations, and topics are approached from graphic, numeric, and symbolic points of view. Graphing calculator required (TI-83+, TI-84 or TI84+ preferred).

Programming Graphics

Grade Open To: 9-10-11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: Successful completion of Introduction to Programming

Description: This course is a continuation of the programming topics included in Introduction to Programming, utilizing ActionScript 2.0 along with objects created in the Flash Environment to create graphical patterns and animations for use in a web page. Internet use form must be completed and returned before the first class meeting. **Note:** This course may be taken for elective credit only. This course does not count toward Math credit for graduation.

Physical Education, Health, Driver Education

Adventure Challenge

Grade Open To: 11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: None

Description: This course emphasizes cooperative learning, problem solving, and team building activities. It is an experiential-based learning process where students are encouraged to take an active role in their education. Using physical challenges, students develop self-esteem through group and individual accomplishment, enhance social skills with others, increase their ability to problem solve, and develop leadership skills. Fitness activities and concepts are emphasized two days per week. This course may be repeated for credit. Students must have a Physical Education uniform and school-approved lock.

Dance 1

Grade Open To: 11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: None

Description: The major units of study of this course include introductions to jazz, lyrical, beginning hip-hop, improvisation, and choreography. Skills developed through this course include grace, balance, correct posture, rhythm, coordination, and agility. Students also learn correct dance vocabulary for numerous steps, as well as dance history. Fitness activities and concepts are emphasized two days per week. This course may not be repeated for credit. Students must have a Physical Education uniform and school-approved lock.

Dance 2

Grade Open To: 11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: Completion of Dance 1

Description: The major units of study in this course include an introduction to modern dance, intermediate hip-hop, social and ethnic dance, and a choreography project resulting in a dance performance. Fitness activities and concepts are emphasized two days per week. This course may be repeated for credit. Students must have a Physical Education uniform and school-approved lock.

Driver Education, CPR, First Aid, & Safety

Grade Open To: 10-11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: A student must pass 8 courses in the previous 2 semesters. Students must be at least 15 years of age.

Fees: Behind-the-Wheel fee at fall registration and additional state fee for student driver permit. Students are required to purchase a mask for use with CPR mannequins.

Description: Driver Education, First Aid, and Safety will promote the development of citizens who learn traffic regulations and laws and become safe and responsible users of the highway transportation system. The program uses an integrated approach to the classroom phase of driver education and the behind-the-wheel phase. The Red Cross first aid and safety curriculum, along with the Red Cross adult, child, and infant CPR, as well as AED training will be included. All sophomores, juniors, and seniors under the age of eighteen must successfully complete all phases of Driver Education prior to receiving a State of Illinois Driver's License.

Physical Education, Health, Driver Education

Fall Individual Activities

Grade Open To: 11-12 **Term:** 1 **Credit:** 0.5

Prerequisite: None

Fees: Lab fee to cover transportation & fees for golf and/or bowling

Description: This course is offered during the first semester, with an emphasis placed on activities that require individual skills. Fundamentals, rules, and techniques of various activities are covered. Fitness activities and concepts are emphasized two days per week. Students must have a Physical Education uniform and school-approved lock.

Fall Team Activities

Grade Open To: 11-12 **Term:** 1 **Credit:** 0.5

Prerequisite: None

Description: This course is offered during the first semester and is designed around group activities that require teamwork. Fitness activities and concepts are stressed two days per week. Students must have a Physical Education uniform and school-approved lock.

Fitness-Program Design

Grade Open To: 10 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: None

Fees: Lab fee for use of roller blades, wrist guards, and helmets during that section

Description: Fitness program-design is part of a sophomore-year sequence with Driver Education, CPR, First Aid, & Safety. This class is oriented toward program design and discovery of fitness activities. Classroom time may include units of study such as Fitness Concepts, Goal Setting, Nutrition, and Consumer Health. Numerous physical activities will be offered that are health related. Step aerobics, dance, walking, circuit training, jogging, and roller blading are a few of the activities that may be offered. Students will experience various activities and as part of their final research project, students will design and present a fitness program. Students must have a Physical Education uniform and school-approved lock.

Health

Grade Open To: 10-11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: None

Description: The purpose of this one-semester course is to provide the health requirement for transfer students or those students who need to repeat the health segment of Health and Wellness. An emphasis is placed on creating a healthy lifestyle. Topical areas include: mental health and stress management, personality development, nutrition and body systems, drug abuse prevention, healthy relationships, and disease prevention.

Health and Wellness

Grade Open To: 9 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: None

Fees: Lab fee for optional cholesterol screening

Description: This course promotes health and wellness as a way of life. Emphasis will be placed on creating a healthy lifestyle. Topical areas include: mental health and stress management, personality development, nutrition and body systems, drug abuse prevention, healthy relationships, disease prevention, challenge education, fitness, movement skills, and team activities. This is a full-year class and meets both the health and physical education requirements. Students must have a Physical Education uniform and school-approved lock.

Physical Education, Health, Driver Education

Leadership Training

Grade Open To: 11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Grade 9 and 10 Physical Education courses, complete application by deadline, provide two letters of recommendation from teacher or coach, attend mandatory training session, and pass entrance exam with at least an 80% or higher.

Description: Leadership Training is designed to promote and enhance leadership qualities in the upper-class student. The student will be assigned to either a freshman wellness or a sophomore fitness program design class. The student will develop an understanding of the importance of responsibility, reliability, cooperation, initiative, creativity, and adaptability. Their major responsibilities include officiating, small group instruction, assisting the teacher, and serving as a role model. Students must have a Physical Education uniform and school-approved lock.

Life Skills

Grade Open To: 11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: None

Description: Emphasis will be placed on activities that will have an effect on your daily living: self defense, weight management, team building, rhythmic activities, ect. Fitness activities and concepts will be stressed two days per week. This course may not be repeated for credit. Students must have a Physical Education uniform and school-approved lock.

Modified Physical Education

Grade Open To: 9-10-11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: Recommendation from physician or guidance counselor, accompanied by letter of support

Description: The purpose of Modified Physical Education is to provide opportunities for students who need an individual education plan for medical or other reasons by providing positive educational experiences in physical education. Also, students in Modified Physical Education will be able to develop skills relating to strength, coordination, flexibility, and social skills. Each student has an individual program. Students must have a Physical Education uniform and school-approved lock.

Nutrition and Wellness

Grade Open To: 11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: None

(Regional ID# H223)

Description: This is an integrated class between the Physical Education Department and the Family and Consumer Science Departments. The curriculum is a two-part integrated course in which students will be able to understand the nutritional value of food and participate in various fitness and stress management activities to develop a total wellness approach to health. Students alternate between the wellness segment and the nutritional segment. The course is team-taught. A student may receive credit for either Family and Consumer Science or Physical Education, but not both. The course may not be repeated. Students must have a Physical Education uniform and school-approved lock.

Physical Education, Health, Driver Education

Officiating

Grade Open To: 11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: None

Description: This officiating course is offered to juniors and seniors who are interested in rules, regulations, and proper mechanics in officiating selected games, sports, and activities. Students complete a practicum in conjunction with team activities classes. Students who complete the course are given the opportunity to obtain Illinois High School Association (IHSA) officiating licenses in a number of desired activities. Additionally, students are given information on certified IHSA assignment staff in each of those activities. Activities include baseball, softball, football, volleyball, basketball, wrestling, and track. Fitness activities and concepts are emphasized two days per week. This course may be repeated for credit, but not for the same term. Students must have a Physical Education uniform and school-approved lock.

Recreational Games

Grade Open To: 11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: None

Description: An emphasis is placed on games that are recreational in nature. Different variations of games will be offered. A partial selection would include eclipse ball, sand volleyball, pickle ball, frisbee golf, and various other recreational games. Fitness activities and concepts are stressed two days per week. Students must have a Physical Education uniform and school-approved lock.

Skills for Healthy Living

Grade Open To: 11 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: None

Description: This course is designed to provide and promote the skills and concepts necessary for a healthy lifestyle, and is divided into two components. The health component consists of three days per week (MWF), and may include the study of illness and disease prevention, healthy vs. unhealthy relationships, adulthood, aging, healthy choices for life, and environmental concerns. Two days per week (TR), students participate in Fitness Club, which offers opportunities for students to work out in a wide variety of activities. This course must be taken in the student's junior year and may not be repeated for credit. Students must have a Physical Education uniform and school-approved lock.

Sports Medicine

Grade Open To: 11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: None

Fees: Lab fees for supplied materials

Description: This course is an introduction to sports-related medical professions such as athletic training, physical therapy, orthopedic medicine, and emergency medical technician. The course involves interaction between the local medical community and the school. Fitness activities and concepts will be emphasized two days a week. Students must have a Physical Education uniform and school-approved lock.

Physical Education, Health, Driver Education

Spring Individual Activities

Grade Open To: 11-12 **Term:** 2 **Credit:** 0.5

Prerequisite: None

Fees: Transportation and fees for golf and/or bowling

Description: This course will also cover the fundamentals, rules and techniques of various activities. Emphasis will be placed on activities that require individual skill. Fitness activities and concepts are emphasized two days per week. Students must have a Physical Education uniform and school-approved lock.

Spring Team Activities

Grade Open To: 11-12 **Term:** 1 **Credit:** 0.5

Prerequisite: None

Description: Fitness activities and concepts are stressed two days per week. All activities will be designed around group activities that require teamwork. Students must have a Physical Education uniform and school-approved lock.

Weight Training

Grade Open To: 11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: None

Description: Students will understand and demonstrate proper weight training techniques and safety procedures in a weight training facility. Students learn strength training concepts and techniques for implementation and creation of a personalized weight training program. Fitness activities and concepts are stressed two days per week. This course may be repeated for credit. Students must have a Physical Education uniform and school-approved lock.

Science

Anatomy and Physiology Honors

Grade Open To: 10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Biology; Chemistry recommended

Description: This course is designed to extend the student's knowledge of the structure and functioning of the human body. The nine systems of the body, with corresponding lab work and dissections, are covered in detail, with emphasis on anatomical information. The second semester final exam assesses a detailed cat dissection. This course is designed to serve students who are interested in furthering their education in the fields of medicine, nursing, physical education, medical technology, sports medicine, and other health-related programs. This course has a weighted grade.

Biology

Grade Open To: 9-10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: None

Description: This laboratory course is designed for students with a variety of skills and ability levels. It examines the following topics in depth: chemistry of life, the biosphere, populations, cell structure and function, DNA and inheritance, evolution, and classification. A significant emphasis is placed on scientific methodology. Recurring themes include ecology, genetics, and evolution. *This course will count towards the three-year science graduation requirement.*

Biology Honors

Grade Open To: 9-10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of 8th grade Accelerated Language Arts course or strong desire for a challenging and rigorous course.

Description: This course is designed for students who have excellent reading, comprehension, and study skills. The pace of the course is rapid, and the class covers material in greater depth than Biology. Students are expected to maintain a grade of "B" or better throughout the year. This is a lab-oriented class. Major topics include: biochemistry, cellular biology, molecular and Mendelian genetics, biodiversity, and ecology. This course has a weighted grade. *This course will count towards the three-year science graduation requirement.*

AP Biology

Grade Open To: 10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Biology or Biology Honors

Description: This course is designed to prepare students for the Advanced Placement Biology Examination. The course surveys various facets of biology in greater depth than in the first-year course, with topics including molecules and cells, heredity and evolution, and organisms and populations. Students perform all of the labs required for the Advanced Placement Biology Exam. Students perform college level work and are expected to take the Advanced Placement exam. **This course has a weighted grade.**

Chemistry

Grade Open To: 9-10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Algebra

Description: This course is designed for any student interested in acquiring an exposure to the science of chemistry. It explores modern chemical concepts such as matter, atomic structure, stoichiometry, periodic table, gas laws, nuclear chemistry, chemical equations, and nomenclature through laboratory investigation and a study of the development of major theoretical topics when applicable. An emphasis is placed on conceptual developments and basic chemistry skills. Scientific calculator required (TI scientific preferred). *This course will count towards the three-year science graduation requirement.*

Science

Chemistry Honors

Grade Open To: 9-10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Algebra

Description: This course is designed as a college preparatory class, and explores the traditional topics of chemistry including: states of matter, stoichiometry, gas laws, periodic chart, atomic structure, chemical bonding, solutions, kinetics, equilibrium, acids and bases, and chemical nomenclature. There are multiple lab experiences. This course has a weighted grade. Scientific calculator required (TI scientific preferred). ***This course will count towards the three-year science graduation requirement.***

AP Chemistry

Grade Open To: 10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Chemistry/Chemistry Honors and Algebra

Description: This course is designed to prepare students for the Advanced Placement Chemistry Examination. The course will cover a range of topics, including: aqueous chemistry and predicting products, stoichiometry, graphical analysis, gas laws, thermo chemistry, chemical bonding, molecular geometry, condensed states, solutions, chemical kinetics, chemical equilibrium, solubility equilibria, acids and bases, thermodynamics and equilibrium, electrochemistry, and organic/biochemistry. Students perform all of the labs required for the Advanced Placement Chemistry Exam. Students perform college level work and are expected to take the Advanced Placement exam. **This course has a weighted grade.** Scientific calculator required (TI scientific preferred).

Environmental Science

Grade Open To: 9-10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: None

Description: This lab course surveys and investigates ecosystems, energy in the physical, biological and cultural environments, cyclic movements of matter through physical and biological systems, human impact on the natural environment, and conservation of natural resources.

AP Environmental Science

Grade Open To: 10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Biology and Chemistry

Fees: Scientific calculator required

Description: This college-level course provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships in the natural world, to identify and analyze environmental problems, both natural and man-made, to evaluate risks associated with these problems, and to examine alternative solutions for resolving and /or preventing them. Environmental science is interdisciplinary, embracing several unifying themes. These themes include: science is a process; energy conversions underlie all ecological processes; the Earth itself is one interconnected system; humans alter natural systems; environmental problems have a social and cultural context; and human survival depends on developing practices that will achieve sustainable systems. Emphasis is placed on critical thinking skills, writing skills, analytical math skills. Students perform college level work and are expected to take the Advanced Placement exam. **This course has a weighted grade.**

Science

Forensics

Grade Open To: 10-11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: Successful completion of Biology and Chemistry

Description: This course involves components from all of the sciences, especially anatomy, biology, chemistry, earth science, and physics. It teaches students to use critical thinking, deductive reasoning, laboratory techniques and problem-solving skills. These skills are then related to real-life situations and criminal law cases. Students use reality and research-based activities to investigate complex scenarios and learn various scientific methods for solving these problems. The course focuses on the following overall student outcomes: 1) Apply scientific laboratory processes and techniques to the solving of a crime; 2) Determine and perform the most appropriate method of testing samples while obtaining the most accurate results; 3) Evaluate the scientific accuracy of various fields of forensic science; and 4) Predict and appropriately communicate the results of evidence collection and evaluation. Calculator required.

Investigations into Matter and Energy

Grade Open To: 9-10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: None

Description: This course examines scientific methodology, the role of science in society, and the basic principles of chemical, physical, and earth sciences. Topics covered include: energy and motion, the nature of matter, kinds of substances, interactions of matter, waves, light, sound, electricity, and energy resources. The course contains a significant amount of laboratory work. Calculator required.

Physics

Grade Open To: 9-10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Algebra

Description: This course introduces students to the central concepts of physics as it relates to events familiar in the everyday environment, including: motion, forces, energy, matter, heat, sound, light, and the inside of atoms. Course emphasis is on lab work as well as on lecture, and on comprehension as well as computation. Scientific calculator required (TI scientific preferred). ***This course will count towards the three-year science graduation requirement.***

Physics Honors

Grade Open To: 9-10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Algebra and completion of Algebra II or concurrent enrollment in Algebra II

Description: This course is a college preparatory introduction to physics. An emphasis is placed on the student's application of basic relationships in the areas of mechanics energy, work forces, waves, sound and light, which are developed through lab work and lecture. This course is recommended for students who want to sharpen their problem-solving skills for college. A strong background in algebra is recommended. This course has a weighted grade. Scientific calculator required (TI scientific preferred). ***This course will count towards the three-year science graduation requirement.***

AP Physics

Grade Open To: 10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Successful completion of Physics or Physics Honors

Description: This course is designed to prepare students for the Advanced Placement Physics Examination. A reasonable score on this exam will allow students to proficiency out of one or more college physics courses (depending on the college attended). Students perform college level work and are expected to take the Advanced Placement exam. **This course has a weighted grade.**

Social Science

Ancient History

Grade Open To: 9-10-11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: None

Description: This course is a study of the development of man, from the dawn of civilization to Medieval Times. Major components of study for this course include the progression of the Egyptian, Greek, Roman, African, and Asian civilizations. Social, political, and religious components of these societies are reviewed and analyzed.

Economics*

Grade Open To: 11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: None

Description: This one-semester course gives the student an understanding of our economic system and its principles. Students learn about the factors of production, supply and demand, economic systems other than capitalism, business enterprise, and government in a developing economy. In addition, the student learns the principles of educated purchasing as a consumer through decision-making and money-management processes. Economics is recommended for the college-bound student.

(*This course can be used to meet the consumer education requirement for graduation)

AP European History

Grade Open To: 10-11-12 **Term:** 1 & 2 **Credit:** 01.0

Prerequisite: Successful completion of World History

Description: AP European History is a course that is designed to give students an opportunity to explore in depth key themes and ideas relating to modern European history. The curriculum is comparable to a college introductory European history course and is designed to help students develop a methodology for approaching the AP European history examination. This course will introduce students to various cultural, economic, political, and social developments from 1450 to the present that played a fundamental role in shaping the European world. Throughout the year, students will work to develop an understanding of the principle themes in European history and focus on mastering the skill of analyzing and interpreting historical evidence. There will be a strong emphasis on writing throughout the course, and students will consistently express their historical understanding through writing. Students perform college level work and are expected to take the Advanced Placement exam. **This course has a weighted grade.** **Note:** Students taking this course are required to fulfill a pre-course reading assignment in preparation for the coming year's course. Students should see their high school's web site (Social Science Department Pre-Reading) or their Social Science teacher for details.

Government

Grade Open To: 11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: None

Description: This course focuses on an extensive study of the executive, legislative, and judicial branches of the U.S. Federal Government. State and local governments are also major areas of study. Required tests on the U.S. Constitution, Illinois Constitution, Declaration of Independence, and Flag Codes are administered at this time. The student understands the rights and responsibilities of a citizen of the United States and the state of Illinois upon completion of this course. (*This course can be used to meet the consumer education requirement for graduation)

Social Science

AP U.S. Government

Grade Open To: 11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: Successful completion of U.S. History or AP U.S. History

Description: This course gives students an analytical perspective on government and politics in the United States. Throughout the course, students learn important facts, concepts and theories pertaining to U.S. government and politics. Students also become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes as they relate to the political process, including the components of political behavior, as well as the principles used to explain or justify various government structures and procedures and their effects. Advanced level reading, extensive writing, and active class participation are required. Students perform college level work and are expected to take the Advanced Placement exam. **This course has a weighted grade.** **Note:** Students taking this course are required to fulfill a pre-course reading assignment in preparation for the coming year's course. Students should see their high school's Web site (Social Science Department Pre-Reading) or their Social Science teacher for details.

AP Microeconomics

Grade Open To: 11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: Successful completion of U.S. History or AP U.S. History

Description: This course gives students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and role of government in promoting greater efficiency and equity in the economy. Advanced level reading, extensive writing, and active class participation are required. Students perform college level work and are expected to take the Advanced Placement exam. **This course has a weighted grade.** **Note:** Students taking this course are required to fulfill a pre-course reading assignment in preparation for the coming year's course. Students should see their high school's Web site (Social Science Department Pre-Reading) or their Social Science teacher for details.

Psychology

Grade Open To: 11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: None

Description: This course illustrates various types of psychological, social, and behavioral issues. Students develop the ability to perceive the world around them more objectively and understand the roles and interactions of individuals and groups in society. Topics studied to develop this awareness include human behavior through personality, intelligence, and behavioral and psychological disorders.

AP Psychology

Grade Open To: 11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: None

Description: The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings. Students will learn about explorations and discoveries made by psychologists. Students assess some of the differing approaches adopted by psychologists, including the biological, behavioral, cognitive, humanistic, psychodynamic, and sociocultural approaches. Students will come to an appreciation of how psychologists think and use critical analysis to model their research. Students perform college level work and are expected to take the Advanced Placement exam. **This course has a weighted grade.** **Note:** Students taking this course are required to fulfill a pre-course reading assignment in preparation for the coming year's course. Students should see their high school's Web site (Social Science Department PreReading) or their Social Science teacher for details.

Social Science

Sociology

Grade Open To: 11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: None

Description: This course is a study of various types of social, cultural, behavioral, and legal issues concerning people today. Students develop the ability to look at the social world around them more objectively. Topics studied to develop this awareness include understanding human behavior through personality, intelligence, and behavior disorders; structures and functions of society; social problems; race and ethnicity; and legal topics.

Street Law

Grade Open To: 11-12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: None

Description: This course provides upper-level students the opportunity to analyze, evaluate, and in some situations resolve, legal disputes. The emphasis in this course is on promoting alternative forms of dispute resolution while focusing on current topics in the law. Topics like gang awareness, substance abuse, public policy, guns and civil rights are discussed. This course educates students about legal issues and provides them with practical information and problem-solving skills necessary in our society today.

U.S. History

Grade Open To: 10-11 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: None

Description: This course is a survey of U.S. History, originating with a review of the founding of our nation. It investigates the study of Presidential administrations, and compares major historical events and movements with a focus on the social, economic, and political aspects of America's past. Students are expected to produce analytical essays and to think critically through classroom discussions. Primary and secondary source documents are used. (*This course can be used to meet the consumer education requirement for graduation)

AP U.S. History

Grade Open To: 10-11 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: None

Description: This college-level course is designed for students who intend to continue their formal education beyond high school. Reading and research in this course are demanding. Students survey American History from the era of exploration and discovery to contemporary events, with a major focus on social, economic, and political aspects of America's past. Students perform college level work and are expected to take the Advanced Placement exam. **This course has a weighted grade.** **Note:** Students taking the Social Science Honors sequence are required to fulfill a pre-course reading assignment in preparation for the coming year's course. Students should see their high school's Web site (Social Science Department Pre-Reading) or their Social Science teacher for details.

Social Science

World Cultures & Geography

Grade Open To: 9-10 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: None

Description: This course is an introduction to our physical environment and the locational characteristics of human activities. It studies the inter-relationships of climate, land forms, vegetation, soils, and natural resources, and their significance to man. Students primarily study the United States and other North American countries during the first semester, and South America, Europe, Asia, Africa, Australia, the Pacific Ocean area, and the Polar Regions during the second semester. Extensive map study is utilized.

World History

Grade Open To: 9-10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: None

Description: This course examines the development of Western culture, from Middle Ages to the aftermath of World War I, by utilizing a chronological approach of instruction. Students are required to work individually and in groups to research and complete projects.

Special Education

The Special Education Department offers a variety of courses and programs designed to assist students with a wide range of learning needs. The difference between general education classes and special education classes is the pace of the curriculum, the modified materials, a lower student/teacher ratio, and individualized instruction tailored to the student's educational needs. Placement in any program or courses listed below is determined at a multidisciplinary conference where an Individualized Education Program (IEP) is developed for specific students in order to meet their need for specialized instruction. Procedures for referral, placement, and program development are directed through the Special Education Department. Due to the unique educational needs of some students, certain programs are only offered at one high school campus in the district.

Resource

Grade Open To: 9-10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: IEP Team Recommendation

Description: Students enrolled in this program have been identified for special education services. Resource is a structured support class period for students to receive academic assistance based on their needs as identified in their IEP. A portion of this class period is primarily devoted to instruction in reading, math, and writing skills to meet individual needs.

Fundamental/Independent Algebra I, Part I

Grade Open To: 9-10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: IEP Team Recommendation

Description: This is the first year of a two-year sequence special education algebra course. This course is designed to help students obtain a better understanding of basic math skills and build a foundation for future mathematical study. Some of the topics of study include problem-solving techniques, operations with variables, equation and inequality solving, order of operations, mathematical properties, writing and evaluating expressions, inverse operation, and factorization. Instruction is individualized as needed. *Basic scientific calculators are required.*

Fundamental/Independent Algebra I, Part II

Grade Open To: 10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: Fundamental Algebra 1 & IEP Team Recommendation

Description: This is the second year of a two-year sequence special education algebra course. This course is designed to help students gain a better understanding of algebra and master its concepts. Some of the topics include: measurement, fraction concepts, percents, ratios, graphing, numeric operations, calculator operations, decimals, integers, equations, statistics, rational numbers, and basic geometry concepts. Instruction is individualized as needed. *Basic scientific calculators are required.*

Fundamental/Independent Geometry Concepts and Applications

Grade Open To: 11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: FND Algebra I, Parts 1 & 2 and IEP Team Recommendation

Description: This year long course special education course is designed to help students gain an understanding of general topics in geometry. Students will be able to identify different types of lines and angles and their relationships. Some of the topics covered in this class will include: angle & triangle identification, congruence, similarity & basic trigonometry, quadrilaterals & their properties; solving problems for perimeter, area, volume, and surface area. Instruction is individualized as needed.

Special Education

Fundamental/Independent Practical Math

Grade Open To: 11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: IEP Team Recommendation

Description: This special education course is designed to aid students to meet challenges faced by most consumers. The topics include: basic skills of computation, calculator applications, evaluating expressions, algebraic formulas, scientific notation, handling savings and checking accounts, loan applications, buying and financing a car, automobile insurance, buying/renting a house, paying income taxes, and using tax tables. Instruction is individualized as needed.

Fundamental/Independent English

Grade Open To: 9-10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: IEP Team Recommendation

Description: This yearlong special education course is designed for students that need to build their literary skills. Basic literacy skills such as phonemic awareness, vocabulary development, comprehension, fluency, grammar, and writing skills will be addressed using research based curricular materials. This course is paired with Fundamental of Reading and Reasoning at the 9th and 10th grade levels in order to provide a block of time for literacy development.

Fundamental/Independent Reading

Grade Open To: 9 & 10 **Terms:** 1 & 2 **Credit:** 1.0

Prerequisite: IEP Team Recommendation

Description: This is a yearlong special education course designed for students who need to build their literacy skills. This course is intended to improve reading comprehension, fluency, vocabulary, critical thinking, and writing. Students enrolled in this course will also be enrolled in Fundamental English 9 or 10. (*This course may be taken for elective credit only. This course does not count toward English credit for graduation).

Fundamental/Independent Biology

Grade Open To: 9 & 10 **Terms:** 1 & 2 **Credit:** 1.0

Prerequisite: IEP Team Recommendation

Description: This special education course focuses on the study of life. This is a yearlong laboratory course that will examine the chemistry of life, the biosphere, populations, cell structure and function, DNA and inheritance, evolution, and classification. Emphasis is placed on scientific methodology. Recurring themes include ecology, genetics, and evolution. Instruction is individualized as needed.

Fundamental/Independent Investigations into Matter and Energy

Grade Open To: 10 & 11 **Terms:** 1 & 2 **Credit:** 1.0

Prerequisite: IEP Team Recommendation

Description: This is a yearlong special education class, which focuses on scientific methodology, the role of science in society, and the basic principles of chemical, physical, and earth sciences. Topics covered include: energy and motion, the nature of matter, kinds of substances, interactions of matter, waves, light and sound, electricity and energy resources. This course will include laboratory work. Instruction is individualized as needed. **Note:** Students will supply their own calculators.

Special Education

Fundamental/Independent U.S. History

Grade Open To: 10 & 11 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: IEP Team Recommendation

Description: This special education course reviews the founding of the nation, the history of our Presidents, and studies major historical events as they relate to America's past and present. Students will be expected to produce projects and assignments, which demonstrate understanding through the use of texts, supplemental materials, and teacher-generated curriculum. Instruction is individualized as needed.

Fundamental/Independent Government

Grade Open To: 11 & 12 **Term:** 1 or 2 **Credit:** 0.5

Prerequisite: IEP Team Recommendation

Description: This special education course studies the executive, legislative, and judicial branches of government at the Federal, State, and Local levels. Students will gain an understanding of their country's legal system, as well as the rights and responsibilities of a citizen of the United States and the State of Illinois during the semester. Students will be expected to pass the required tests on the U.S. Constitution, Illinois Constitution, as well as show an understanding of the Declaration of Independence and Flag Codes through projects with the use of supplemental materials and teacher-generated curriculum. Instruction is individualized as needed.

Fundamental/Independent Economics

Grade Open To: 11 & 12 **Term:** 1 & 2 **Credit:** 0.5

Prerequisite: IEP Team Recommendation

Description: Economics is a one-semester course that provides the student with special learning needs an understanding of the United States economic system and principles. The students will learn about supply and demand, factors of production, a variety economic systems, business enterprise, and government in a developing economy. The student will learn the principles of educated purchasing as a consumer through decision-making and money management processes. Due to the unique learning needs of these students, the curriculum, and materials will be modified, and used in conjunction with supplementary materials and teacher-generated materials. *This course can be used to satisfy the consumer education credit for graduation.*

Social Skills for Life

Grade Open To: 9-10-11-12 **Term:** 1 or 2 **Credit:** 0.5/semester

Prerequisite: IEP Team recommendation

Description: This special education course can be taken either as a one-semester course or as a full year course. It is designed to aid students in meeting social and emotional challenges of life. Course themes will include a number of real-life issues such as: coping with anger, maintaining a healthy life-style, conversation skills, making appropriate choices, understanding family dynamics, and conflict resolution. Instruction will be tailored to the needs of the class and student participation in a range of activities will be emphasized.

Special Education

Special Vocational Education I

Grade Open To: 9-10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: IEP Team Recommendation

(Regional ID# S1100)

Description: This special education course is designed as the first of a two-course orientation level series that will introduce the student to an overview of vocational education and career development. The course will stress career awareness, vocational and self-assessment, introduction to appropriate general work attitudes, and behaviors. Student interests and abilities information will be processed to be included in the student's individual vocational plan. Through role-playing, class discussions, reading and writing, students will develop and practice basic work behaviors. Classroom activities will be commensurate with the needs and abilities of the students in relationship to the course objectives. The development of employability skills, as well as transition skills and vocational ethics, will be included in the course. Students may also apply these skills by securing and maintaining a non-paid job within the school.

Special Vocational Education II

Grade Open To: 10-11-12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: IEP Team Recommendation

(Regional ID# SI101)

Description: This orientation-level course will build on the type of skills learned in Special Vocational Education I. Course work will stress career exploration, developing a portfolio, enhancing employability skills, improving entry level skills, and exploring outside government and community services to assist in securing and maintaining employment. The vocational assessment process will continue. The development of employability skills, as well as transition skills and vocational ethics, will be included in the course. Students will apply these skills by establishing and running an in-school business.

Special Vocational Education III

Grade Open To: 11 & 12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite: IEP Team Recommendation

(Regional ID# 202)

Description: This special education course is for junior or senior students. Major units of instruction will include, but will not be limited to, identification and development of basic skills required of an entry-level job. Possible job fields include agriculture, business, family and consumer sciences, industry, or health care. Identification of task mastery will be outlined in each student's individual education plan. The TREES verified task list will be used. Goals for the student include eventual entry to the work world or continued job training at a community college or trade school. Transition planning will also be an integral part of employment preparation. The development of employability skills, as well as transition skills and vocational ethics, will be included in the course. Students will be expected to engage in job shadowing activities.

Special Education

Special Education Vocational Co-op Class

Grade Open To: 11 & 12 **Term:** 1 & 2 **Credit:** 1.0

Prerequisite/Grade Recommendation: IEP Team Recommendation

(Regional ID# 233)

Description: This preparation-level special education course should be viewed as the capstone course of the vocational program sequence. Commensurate with the student's skills and abilities, the following vocational development areas will be explored: understanding business, developing human relations skills, developing and improving communication skills to include finding, getting and keeping a job, understanding the law and the young worker, developing individual potential, coping with stress and conflicts, meeting adult responsibilities, being part of work organizations, using job related math and money skills, understanding taxation, preparing for future employment, analyzing individual and group job placements with or without job coaches. Transitioning and vocational choices will be explored along with understanding what community and government agencies are available. The development of employability skills and vocational ethics will be included in the course. This course is generally taken in conjunction with Special Education Vocational Co-op Work. These interrelated cooperative education courses qualify the student to receive consumer education credit toward graduation as required by the *School Code of Illinois* (Section 27-12.1).

Special Education Vocational Co-op Work

Grade Open To: 11 & 12 **Term:** 1 & 2 **Credit:** 2.0

Prerequisite/Grade Recommendation: IEP Team Recommendation

Fees: None

Description: This course is taken in conjunction with Special Education Vocational Co-op Class or SCORE Vocational Class. This work-study course is designed to provide vocational training and technology preparation for an occupation, on a part-time basis. Job search components of resume writing, appropriate dress, interview skills, and follow-up procedures are taught. Workplace behaviors along with general and specific work skills are emphasized. Each training station must be approved and must provide each student with an average of 15 hours of work a week. The Work Training Partnership Program located at Joliet Junior College will provide each SCORE student training hours based on the recommendations of the IEP Team. The emphasis is on job training rather than remuneration. Staff will conduct Job visitations, and job coaches will be used as appropriate. **Note:** For Cooperative Work Education, see Work Internship in the Applied Arts Section.

Special Education (SCORE)

The Score Program

Grade Open To: 9-10-11-12 **Term:** 1 & 2 **Credit:** N/A

Prerequisite/Grade Recommendation IEP Team Recommendation

Fees: None

Description: The emphasis of study for the SCORE program is designed to provide functional academic instruction in reading, math, and writing. This program also provides an opportunity to apply the skills learned in the classroom to community-based experiences. The school sites for this program are Plainfield South High School and Plainfield East High School. The program is available to students enrolled in Consolidated Community District 202 as recommended by the IEP team.

SCORE Family and Consumer Science

The emphasis of study is individualized to meet the student's Individual Education Plan. The topics covered in this class include the mastery of personal hygiene skills, eating skills, dressing appropriately for the weather and occasion, consumer education, cooking skills, home management & maintenance, and basic health & first aid.

SCORE Language Arts

The student will study functional academics that will focus on the development of survival skills to allow independent functioning in the community. The course is individualized and driven by the goals developed by the student's Individual Education Plan Team. Areas of concentration include reading, writing, communication/social skills, and emotional development.

SCORE Math

The students will develop basic Math skills to allow independent functioning in the community. The course will be designed to meet the goals of the student's Individual Education Plan. Areas of concentration will include basic computation skills, measurement skills, and time and money concepts.

SCORE Physical Education

The Physical Education program is designed to address the need for exercise, development of leisure activities, and promote health and well being in a small, closely monitored class. The goals and objectives are individualized according to the student's needs.

SCORE Social Science (Community)

The program will allow practical application of the skills taught in the classroom through community-based experiences. These trips will include activities that develop skills needed to live as independently as possible. The community trips will access the community to promote the development of recreational and daily living skills.

SCORE Vocational

The vocational aspects of this program will involve classroom instruction, in-school training, participation in an in-school business, and community training. Classroom instruction includes teaching specific work skills and training of good work habits. In-school training experiences will provide a variety of training opportunities available in the school setting. In-school businesses are established to enhance vocational skill development for the students. Community training is provided to assist the students to secure and maintain paid employment. The curriculum is directly linked to the student's goals identified by the Individual Education Plan and transition plan.

Special Education (STAR PLUS)

STAR PLUS Program

Grade Level: 9-10-11-12+ **Terms:** 1 & 2 **Credit:** N/A

Prerequisite/Grade Recommendation: IEP Team Recommendation

Description: The emphasis of study for the STAR PLUS program is designed to provide functional instructional to foster communication, mobility, participation in activities, and inclusion with the general student body. This program provides an opportunity to apply the skills learned in the classroom to community-based experiences. The school site for this program is Plainfield North High School, and available to students from any of the Plainfield High Schools, if it is recommended by the IEP team.

The P-STEP Program

Grade Level: 9-10-11-12+ **Terms:** 1 & 2 **Credit:** N/A

Prerequisite: Completion of four years of high school and IEP Team Recommendation

Description: The Post-Secondary Transition and Education Program is designed to provide a seamless transition from high school to adult life for students who are 18-22 years old with disabilities. The program is designed to provide opportunities to develop career/vocational skills, recreational/social skills, and basic life skills in a community-based educational setting. To participate in the this program, the student will be 18-22 years of age (services will cease the day before the student's 22 birthday) and have completed 18+ credits or be eligible for graduation. The focus of the program will be to provide the students with skills needed to obtain and maintain community employment and increase independent living skills through the community-based experiences. The program will also focus on the development of social/recreational skills.

Vocational Program

Our students will participate in work training experiences in the community and through the Work Training Partnership with Joliet Junior College. In addition, many of our students will have paid employment in the community. The Work Training Partnership will provide a partial day of training for the students to experience various jobs, with the goals of providing the students with basic training and work experiences to identify their work interests and capabilities. Job coaches will be provided as needed by the students and determined by the Individual Education Plan.

Independent Living Program

Students will develop skills for independent living that include planning, shopping and cooking meals, home management and maintenance, budgeting time, dressing appropriately for weather and occasion, basic health and first aide, and how to get assistance. Math, reading and writing academics related to independent living and vocational skills will be emphasized.

Leisure/Social Skills Program

Students will apply skills taught in the classroom during the community-based experiences. The community-based trips will include activities and development of skills needed to participate in organized group activities and social awareness of behavior and language to be used in different situations. The focus of the trips and activities will include community safety and the development of leisure activities/interests that will continue into our students' adult lives.

Test Preparation

College Admission Prep Course

Grade Open To: 10 & 11 **Term:** 1 or 2 **Credit:** 0.5 (elective)

Prerequisite: None

Fees: Approximately Cost of required ACT workbook

Description: Students will have the opportunity to assess their academic strengths and weaknesses through various activities as well as through retired ACT exams. The course will teach students several methods for mastering test-taking skills as well as the sort of skills tested on standardized exams such as the ACT and SAT.

Wilco Area Career Center

Wilco Area Career Center is the result of a cooperative agreement among the high schools of Bolingbrook, Lemont, Plainfield, Romeoville, and Wilmington. By joining together in a centralized facility, the participating schools offer their students a variety of quality vocational and technical education programs in a cost-effective manner.

Auto Body I & II

Grade Open To: 11-12 **Term:** 1 & 2 **Credit:** 3.0

Prerequisite: None (Introduction to Industrial Technology recommended)

Fees: Approximately \$45 for personal tools and safety equipment

Description: The Auto Body program, taught by ASE certified instructors, is made up of many new and innovative techniques to repair today's high-tech automobiles. Students will be instructed in modern repair procedures including safety and basic first aid, handling of flammable materials, estimating repair costs, tool usage and safety, mechanical repairs of the collision field, collision body damage, minor and major dent repair, spray equipment and painting procedures, MIG welding, and car detailing. Advanced students will be instructed in basic paint designs and clear coating procedures. Upon completion of this 2 year program the student will have the opportunity to enter into a number of careers in the automotive related fields: Painter, metal person, combination technician, insurance appraiser, parts counter personnel, tow truck driver, and auto body instructor. Upon completion of this course a student may earn college credit towards Nashville Auto-Diesel College

The curriculum will follow the National Automotive Technicians Educational Foundation (NATEF) format. Students will be instructed in non structural analysis and damage repair (body components) and painting & refinishing. This program will prepare students for the Automotive Service Excellence (ASE) certification. Students will be required to purchase tools and appropriate clothing.

Auto Services (Mechanics) I

Grade Open To: 11& 12 **Term:** 1 & 2 **Credit:** 3.0

Prerequisite: None (Introduction to Industrial Technology recommended)

Fees: Approximately \$150.00 for personal tools and safety equipment

Description: The two-year auto service program, taught by ASE certified instructors, is designed to train students for entry-level automotive technician positions and/or preparation for post-secondary programs. Students' knowledge of measurement, estimation, and algebra, along with a technology course would be beneficial. First year students will develop skills in vehicle maintenance and repair including brakes, steering and suspension, and will also learn the basics of electrical and engine performance (sensors). Our curriculum follows the National Automotive Technicians Education Foundation (NATEF) format. This program will prepare students for the Automotive Service Excellence (ASE) certification exams. Students will be required to purchase tools, Wilco Coveralls, safety glasses, and nitrile gloves.

Wilco Area Career Center

Auto Services (Mechanics) II

Grade Open To: 11 & 12 **Term:** 1 & 2 **Credit:** 3.0

Prerequisite: Successful completion of Auto Services (Mechanics I)

Fees: Approximately \$150.00

Description: Second year students will continue their training in electrical and engine performance after successful completion of Auto Services I. Students will be completing labs involving diagnosing electrical circuits, sensors, drivability problems, check engine lights, and emission related problems. Upon completion of this two-year course, students may earn college credit towards Nashville-Auto Diesel, College of DuPage, or Joliet Junior College. Students are encouraged to continue their training through an appropriate technical school, college, or university. Our curriculum follows the National Automotive Technicians Education Foundation (NATEF) format. This program will prepare students for the Automotive Service Excellence (ASE) certification exams. Assuming students continue to have their tools, safety glasses, coveralls, and nitrile gloves, there will be no additional fees, but replacement items will be available if needed.

Aviation I

Grade Open To: 11 & 12 **Term:** 1 & 2 **Credit:** 3.0

Prerequisite: None

Description: Students enrolled in this program learn the fundamentals of the Aerospace Industry, including the theory of flight and maintenance and non-destructive testing. During the second semester, instructional topics encompass aerodynamics, aircraft design, stability, and control. In addition, students learn about Federal Aviation Administration regulations and publications, weight and balance, and ground handling of aircraft. This course uses theoretical and practical training applications. Upon successful completion of the program with an "A" or "B," students are eligible for six hours of articulated credit at Lewis University or Moraine Valley Community College. Students may need to provide their own transportation.

Aviation II

Grade Open To: 11 & 12 **Term:** 1 & 2 **Credit:** 3.0

Prerequisite: Successful completion of Aviation I

Fees: None

Description: Fundamentals of the Aerospace Industry II includes the types, structures, and mechanics of flying machines, electronics, gauge purpose and care, engine mechanics, major component identification, construction techniques, hydraulics, evolution of aerodynamics, and comparison of similar elements in different types of air craft. Construction, shop, and maintenance related areas of aircraft are emphasized. The development of workplace skills, as well as transition skills and vocational ethics, will be included in this course.

Wilco Area Career Center

Building Trades I

Grade Open To: 11 & 12 **Term:** 1 & 2 **Credit:** 3.0

Prerequisite: Introduction to Industrial Technology is recommended

Fees: Students are required to purchase tools and appropriate safety gear for approximately \$150.00.

Description: This two-year course provides experience related to planning, erection, installation, and maintenance of a building structure and development of workplace skills. Emphasis will be placed on rough and finish carpentry, concrete and masonry, interior and exterior finishes, mechanical, electrical, and plumbing. Instruction will include safety practices and procedures, workplace skills, building materials, tool identification and use, blueprint reading, cost estimating, scheduling, and building codes. Coursework focuses practical application towards completion of a home in a year. This course prepares students for an entry-level position in the construction industry and/or for college-level construction related coursework.

Building Trades II

Grade Open To: 11 & 12 **Term:** 1 & 2 **Credit:** 3.0

Prerequisite: Successful completion of Building trades I

Fees: \$150.00

Description: Second year students will have the opportunity to take a leadership role such as a foreman on the work site. They will also develop a small personal business plan that they can implement to benefit their future. They will be able to curtail the business plan to fit their strengths and specialty areas in building trades.

Child Care Services I

Grade Open To: 11 & 12 **Term:** 1 & 2 **Credit:** 3.0

Prerequisite: Child Development & Advanced Child Development

Fees: None

Description: Students will participate in assistant teaching by working directly with children ages 3, 4, and 5 years old in the Wilco Preschool Lab. Students will be given proper instructions in designing a preschool curriculum, which includes various learning experiences and playtime activities that promote the physical, cognitive, and social-emotional development of each child. Students also complete various written assignments using the Working with Young Children textbook.

Child Care Services II

Grade Open To: 11 & 12 **Term:** 1 & 2 **Credit:** 3.0

Prerequisite: Successful completion of Child Care Services I

Fees: None

Description: Returning students continue to teach in the preschool lab, but are considered “experienced teachers.” They assist new students with teaching ideas and questions. Their assignments include working individually with a preschool child to create a “case study book,” developing a Thematic Unit, and designing a preschool floor plan. Second year students have an opportunity to spend time within a childcare site as an intern if their grades allow. Upon successful completion students have an opportunity to earn college credit from Joliet Junior College.

Wilco Area Career Center

Computer Technology I

Grade Open To: 11 & 12 **Term:** 1 & 2 **Credit:** 3.0

Prerequisite: None (Introduction to Computer Technology recommended)

Description: This course consists of the following components that allow the student to receive 11 college credits from Joliet Junior College: Computing Essentials (CIS 127), Data Communications and Networking (CIS 145) and A+ Guide to Managing and Maintaining Your PC (CIS 275).

Computer Technology II

Grade Open To: 11 & 12 **Term:** 1 & 2 **Credit:** 3.0

Prerequisite: Successful completion of Computer Technology I

Fees: None

Description: ADVANCED COMPUTER REPAIR'S philosophy is to prepare students with a comprehensive, educational program concerned with life long learning, technology, its evolution, utilization, future path, and current significance, and Industry, its organization, systems, techniques, resources, products, and its impact on society. The preparation and development of soft skills, which allow students to enter, maintain, and advance in a career or enter a post-secondary school. JJC: CIS 276 / 290

Cosmetology

Grade Open To: 11 & 12 **Term:** 1 & 2 **Credit:** 3.0

Prerequisite: Successful completion of Biology

Fees: \$1,500.00 -\$5,050.00 depending on the student's year in school and location of the course

Description: This off-campus course is open to students to attend a state-approved school of beauty culture. The professional school will provide the facility, instruction, and clinical training as prescribed by the Illinois Department of Registration and Education. There is a student fee for this course, which varies and is subject to change. Students provide their own transportation. Registration needs to be done by first year students in early January at the beauty school.

Criminal Justice/Law Enforcement I

Grade Open To: 11 & 12 **Term:** 1 & 2 **Credit:** 3.0

Prerequisite: None

Fees: None

Description: Introduction to Criminal Justice is a combination of various facets of law and procedure and its application in the United States as well as internationally. Our specific focus is on the law enforcement process of the law and systems affecting everyday life. In the first semester, we will focus on theory, reading and writing, particularly laws and procedure, report writing, communication skills, workplace skills and similar topics. During the second semester, students will focus on how to apply theory to hands-on application and projects, scenarios, competitions, trial observations, etc.

Wilco Area Career Center

Criminal Justice/Law Enforcement II

Grade Open To: 11 & 12 **Term:** 1 & 2 **Credit:** 3.0

Prerequisite: Successful completion of Criminal Justice/Law Enforcement I

Fees: None

Description: Students enrolled in the second year of this program will have an opportunity to refine developed skills, with greater emphasis on the opportunity to try a variety of experiences. Students will have large group and individual learning activities to accommodate the interests and abilities of the students enrolled. Additional areas of instruction will include: police administration, management styles, social work and probation, court reporting, paralegal services, and expanded use of computer systems. The development of employability skills, as well as transition skills and vocational ethics, will be included in the course.

Culinary Arts I

Grade Open To: 11 & 12 **Term:** 1 & 2 **Credit:** 3.0

Prerequisite: None, but Foods and Nutrition 1 & 2 are recommended

Fees: First year students- approximately \$50.00 for personal and safety equipment

Description: Students will have the opportunity to build interest and master essential hands-on culinary techniques and theoretical academics for a career in the Hospitality Industry. Coursework format includes, but not limited to: Food service History; Food service Sanitation & Safety; Equipment Usage & Safety; Basic & Technological Aspects in Food service Preparation; Nutrition; Hot & Garde Manger Food Preparation; Classical & Standard Cuts; Ordering, Purchasing, Receiving & Inventory Controls; Workplace Math & Accounting Practices; Meat, Poultry & Seafood Preparation; Introduction to Lodging & Tourism; Workplace Skills in securing employment; Workplace Skills in Customer Relations in retaining employment; Vocational Ethics. Students will be directly involved in all aspects of a commercial kitchen operation. Students are required to participate in at least 10 hours per semester of outside community activity (not including field trips), as offered by instructor.

A suggested prerequisite for entering Culinary Arts is a Foods I class taken at the home school. It is also beneficial for students pursuing a career in food service to include Spanish in their High School curriculum. Once coursework is completed, articulation credits with most colleges are accepted (individual college stipulations exist). Students will also be given the opportunity to test for the Illinois Department of Public Health Manager Sanitation Certification. Students are required to have appropriate clothing/shoes for lab participation. Upon successful completion of this program, students may earn credit from Joliet Junior College: CA106, HOSP100, HOSP112, HOSP120, and CA112 (with passing of skill equivalency test).

Culinary Arts II

Grade Open To: 11 & 12 **Term:** 1 & 2 **Credit:** 3.0

Prerequisite: Successful completion of Culinary Arts I

Fees: None

Description: Second year students have more emphasis placed on advanced culinary skills, a higher contact with customer relations, increased supervisory & management experiences, an increase in outside activities, becoming a member of the culinary competition team, and internship opportunities. Students are required to participate in at least 10 hours per semester of outside community activity (not including field trips), as offered by the instructor. Permitted field trips are offered as additional time outside of the required class activity and are instrumental to education within the Hospitality Industry.

Wilco Area Career Center

Emergency Medical Services (Fire Science II and Health Care II)

Grade Open To: 11 & 12 **Term:** 1 & 2 **Credit:** 3.0

Prerequisite: Fire Science I or Health Care I

Fees: Approximately \$40.00 plus \$20.00 for the State Test

Description: Students who enroll in the emergency medical technician program must have successfully completed the first year of fire science or health care with a “C” or better. The second year will focus on preparing students for the multiple career areas related to the Fire Service/Health Care fields. In the first semester, students will learn about equipment and assessment used to stabilize victims before the arrival of an ambulance. Students will be dual enrolled in EMS 101/First Responder at Joliet Junior College (4 credit hours). Upon successful completion (a ‘C’/77% or better), students may continue into the second semester. The second semester will focus on the care, handling, and extrication of the critically ill and injured. Topics will include airway management, patient assessment, vital signs, cardiopulmonary resuscitation, lifting and moving patients, documentation, communication, pharmacology, and cardiac emergencies. A heavy emphasis will be put on medical terminology. The EMT-B program requires student spend sixteen hours off-campus in a hospital emergency room and twenty-four hours of ambulance ride-time in addition to the classroom. Students who successfully complete the course may take the EMT-Basic exam. Students who successfully pass the state exam will receive credit from Joliet Junior College, EMS201 and EMS209.

Fire Science

Grade Open To: 11 & 12 **Term:** 1 & 2 **Credit:** 3.0

Prerequisite: None

Fees: None

Description: Fire Science will follow the curriculum set forth by the State of Illinois Fire Marshall’s Office, the Illinois Department of Health, and the Department of Transportation. Students will learn through classroom and guided activities the essentials of fire fighting which will include: fire chemistry, building construction, wearing personal protective clothing, identifying ropes, tying knots, using fire extinguishers, performing forcible entry, carrying and raising ladders, operating self-contained breathing apparatus, and auto extrication. Students will learn how to employ search and rescue techniques with ventilation tools and practice hose evolutions on an operating engine, all in a safe environment. The articulation with Joliet Junior College is FSCI 101, FSCI 102, FSCI 103, and HPR 207 (13 credit hours).

Health Sciences I

Grade Open To: 11 & 12 **Term:** 1 & 2 **Credit:** 3.0

Prerequisite: None, but Biology or Introduction to Biology and Health are recommended)

Fees: Approximately \$25.00 for scrubs and \$65.00 for CNA Exam in the Spring

Description: The Health Occupations program is structured to prepare the student for employment as a Certified Nurse Assistant. The curriculum includes all standards and procedures contained in the Illinois Department of Public Health Certified Nurse Aide Instruction Model. The State Nurse Aide Examination can be taken through this course with the completion of 40 hours of on-site clinical experience at a local nursing facility, included in the class structure. Students must have transportation to the clinical site. Upon completion of this course students may chose to continue their education in preparation for any of a number of careers in the health care field i.e.; Registered Nurse, Physical Therapist, Respiratory Therapist, Ultrasound Technician, etc. Students are required to wear appropriate clothing at clinical site.

Wilco Area Career Center

Medical Assistant I

Grade Open To: 11 & 12 **Term:** 1&2 **Credit:** 3.0

Prerequisite: None

Fees: None

Description: Students will be introduced to the allied health profession of Medical Assisting. Upon completion of this course the student may enter the workforce or continue their education through a junior college or university in Medical Administrative Assistance, Medical Coding, and or Medical Transcription. Topics to be covered include medical terminology, computerized medical office skills, medical assisting skills, Microsoft Office 2003 (you may earn Joliet Junior College credit for completion of this portion), CPR certification, and Basic First Aid. This course is the first of two courses students may take to prepare for a medical assisting career. The course length is two semesters. Suggested prerequisites include: basic math of addition/subtraction and calculator use; computer keyboarding, and health/ life science. Students have an opportunity to earn credit from Joliet Junior College: CIS 126 or OFS 114 (3 credit hours).

Medical Assistant II

Grade Open To: 11 & 12 **Term:** 1&2 **Credit:** 3.0

Prerequisite: Successful completion of Medical Assistant I

Fees: None

Description: Students will build upon skills learned in the Medical Assisting I curriculum. Students will be placed at a local internship 2-3 days per week, allowing the student to utilize skills learned in the first year in a real life on the job experience. On those days the student attends the classroom setting, the student will engage in one of the following modules of his/her choosing: Medical Insurance Basics, Insurance Billing Guidelines, Phlebotomy, Medical Transcription, Medical Administrative Assistant, or Medical Terminology (JJC credit).

Students will have the opportunity to complete a course in CPR/basic First Aid if this was not obtained during the course of Medical Assisting I. The course length is two semesters. Students will assist instructor in maintaining computer lab and problem solving computer issues that arise from the Medical Assisting I students.

Nail Technology

Grade Open To: 11 & 12 **Term:** 1 & 2 **Credit:** 3.0

Prerequisite: None

Fees: \$250.00

Description: This off campus course is open to students to attend a state-approved school of nail technology. Students will develop good communication skills, time management, and an eye for detail. Emphasis will be placed on all aspects of nail care, nail problems, artificial nails, and nail products. Students provide their own transportation. This program is located in Lemont.

Wilco Area Career Center

Welding and Fabrication I

Grade Open To: 11 & 12 **Term:** 1 & 2 **Credit:** 3.0

Prerequisite: Introduction to Industrial Technology is recommended

Fees: \$50.00 for welding supplies and safety equipment

Description: The students will learn to perform welds on similar and dissimilar metals using all positions. The students' ability to operate, adjust, and safely control power sources and gas equipment is essential. Students will learn how to braze weld, gas weld, shielded metal arc weld, mig & tig weld, gas cutting, and plasma arc cutting. Blueprint reading and the use of weld symbols are also stressed. Students will learn to be a combination welder and work toward certification. Upon completion of this course a student may earn college credits through Joliet Junior College. Students are required to purchase necessary tools and safety clothing.

Welding and Fabrication II

Grade Open To: 11 & 12 **Term:** 1 & 2 **Credit:** 3.0

Prerequisite: Successful completion of Welding and Fabrication I

Fees: None

Description: This course will emphasize development of advanced skills in metal arc welding, brazing, and flame cutting. Instruction will include safety practices, properties of metals, electrical principles, and advanced welding methods and equipment. Students will utilize MG, TIG, and semi-automatic equipment to complete their various projects and activities. The development of employability skills, as well as transition skills, and vocational ethics, will be included in the course.

Four-Year Planning Guide

Student _____ Graduation Year _____ Counselor _____ Date _____

<p>FRESHMAN</p> <p>1. English _____</p> <p>2. Math _____</p> <p>3. Science _____</p> <p>4. Health & Wellness _____</p> <p>5. _____</p> <p>6. _____</p> <p>Summer School</p> <p>Session 1 _____</p> <p>Session 2 _____</p>	<p>SOPHOMORE</p> <p>1. English _____</p> <p>2. Math _____</p> <p>3. Science _____</p> <p>4. _____</p> <p>5. _____</p> <p>6. _____</p> <p>Summer School</p> <p>Session 1 _____</p> <p>Session 2 _____</p>
<p>JUNIOR</p> <p>1. English _____</p> <p>2. Math _____</p> <p>3. Science _____</p> <p>4. _____</p> <p>5. _____</p> <p>6. _____</p> <p>Summer School</p> <p>Session 1 _____</p> <p>Session 2 _____</p>	<p>SENIOR</p> <p>1. English _____</p> <p>2. _____</p> <p>3. _____</p> <p>4. _____</p> <p>5. _____</p> <p>6. _____</p> <p>Summer School</p> <p>Session 1 _____</p> <p>Session 2 _____</p>

GRADUATION REQUIREMENT CHECKLIST

Course	Required	College Prep (Recommended)	Earned
English	4.0	4.0	_____
Mathematics	3.0	3.0	_____
Algebra/Geometry (09+)	3.0	3.0	_____
Science**	2.0	3.0	_____
Consumer Education	0.5		_____
Social Science		3.0	
U.S. History	1.0		_____
Government	0.5		_____
Elective	0.5		
Economics	0.5		_____
Physical Education			
P.E. Class	2.5		_____
Health/Wellness	1.0		_____
Driver Education	0.5		_____
Art/World Languages/Music/Vocational Education	1.0	2.0 (Foreign Language)*	_____
Electives	6.0		_____
Total Credits	21.0		

* Some state colleges and universities allow coursework in Art, Music or Vocational Education (Business, Family and Consumer Science, Industrial Technology, Wilco). Students should check the requirements for the college(s) they plan to attend.

** The class of 2012 and beyond will be required to complete 3.0 science credits for graduation

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Notes