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RELATIONSHIP

# Curriculum Guide

RELEVANCE

2010-2011

## WOODSTOCK COMMUNITY SCHOOL DISTRICT 200

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Mr. Julio Lopez, WHS Assistant Principal  
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Mrs. Mary Blietz, WNHS Counselor  
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# TABLE OF CONTENTS

---

Registration Process.....	1	<i>Hospitality &amp; Tourism</i> .....	23
Scheduling Information .....	1	<i>Human Services</i> .....	24
Graduation Requirements .....	2	<i>Information Technology</i> .....	25
Post-Secondary Ed Recommendations.....	3	<i>Law, Public Safety, Corrections, &amp; Security</i> .....	26
NCAA Core Course Requirements.....	3	<i>Manufacturing</i> .....	27
Graduation Information.....	3	<i>Marketing, Sales, and Service</i> .....	28
Early Graduation.....	4	<i>Science, Technology, Engineering, &amp; Mathematics</i> .....	29
Student Course Load.....	4	<i>Transportation, Distribution, &amp; Logistics</i> .....	30
Advanced Placement Information.....	4	<i>Plan of Study Worksheet</i> .....	31
Articulated Credit .....	5	<b>Course Descriptions</b>	
Dual Credit.....	5	Art-Visual, Commercial, Graphic Arts .....	32
Transfer Of Credit.....	5	<i>Visual Arts Strand</i> .....	33
Credit - Alternative Courses, Programs, Substitutions .....	5	<i>Commercial Art and Design Strand</i> .....	37
<i>Correspondence Courses</i> .....	5	<i>Graphic Arts Strand</i> .....	38
<i>Exchange Program</i> .....	6	<i>Desktop Publishing/Yearbook</i> .....	39
<i>Summer School</i> .....	6	Bilingual Education.....	40
<i>College Courses</i> .....	6	Career and Technology Education .....	43
<i>Students With Disabilities</i> .....	6	Business.....	43
Auditing Courses.....	6	<i>Accounting</i> .....	43
Student Assistantships .....	6	<i>Business Orientation</i> .....	43
Extra-Curricular Eligibility.....	7	<i>Consumer Education</i> .....	44
Grade Reporting Information.....	7	<i>Information Processing</i> .....	45
<i>Grade Point Scales</i> .....	7	<i>Interrelated Occupations (IRO)</i> .....	46
<i>A- Pass Grade Option For Students Taking An Overload</i> .....	7	<i>Internship/Work Experience</i> .....	46
<i>C-Pass Grade and Pass/Fail Options</i> .....	8	<i>Marketing/Law</i> .....	47
<i>Grade Criteria</i> .....	8	Family and Consumer Sciences .....	48
<i>Class Rank</i> .....	8	<i>Child Care</i> .....	49
<i>Honor Roll</i> .....	8	<i>Food Service</i> .....	50
<i>Grade Classification</i> .....	8	Industrial Technology.....	52
Special Graduation Recognitions.....	8	<i>Automotive Technology</i> .....	53
<i>300 Credit Club</i> .....	8	<i>Building Trades</i> .....	54
<i>AP Diploma</i> .....	9	<i>Drafting/Architecture</i> .....	55
<i>Cum Laude Graduate</i> .....	9	<i>Engineering "Project Lead The Way"</i> .....	56
<i>Capstone Courses</i> .....	9	<i>Manufacturing</i> .....	57
<i>Graduation with Commendation</i> .....	10	<i>Materials and Processes</i> .....	59
<i>Approved Activities for Service Credits</i> .....	10	English.....	60
<i>Graduation with Honors</i> .....	11	<i>English Department Electives</i> .....	64
<i>National Honor Society</i> .....	11	English Language Learners (ELL) .....	69
Course Change Requests .....	12	Mathematics.....	72
Teacher Change Requests .....	13	<i>Computer Programming</i> .....	76
Summer School Offerings .....	13	Music.....	77
Career Cluster Plans of Study.....	14	<i>Vocal Music</i> .....	77
<i>Agriculture, Food, and Natural Resources</i> .....	15	<i>Instrumental Music</i> .....	79
<i>Architecture &amp; Construction</i> .....	16	<i>General Music</i> .....	80
<i>Arts, A/V Technology, &amp; Communication</i> .....	17	<i>A- Pass Grade Option</i> .....	81
<i>Business, Management, &amp; Administration</i> .....	18	<i>Audition Procedures</i> .....	81
<i>Education &amp; Training</i> .....	19	<i>Audition Methods</i> .....	81
<i>Finance</i> .....	20	Physical Education .....	82
<i>Government &amp; Public Administration</i> .....	21	<i>Physical Education Exemption Policy</i> .....	82
<i>Health Science</i> .....	22	<i>Medical Excuse Policy</i> .....	83
		<i>PE Department Selections</i> .....	84
		<i>C-Pass Grade Option</i> .....	87

# TABLE OF CONTENTS

---

---

Science .....	88
Social Studies .....	93
Special Education Programs .....	98
<i>Alternate Learning Program (ALP)</i> .....	98
<i>Cross Categorical Program (CC)</i> .....	102
<i>Clay Academy</i> .....	105
<i>Functional Living Skills Program</i> .....	106
<i>Resource Program</i> .....	108
<i>General Program</i> .....	109
<i>Transition Services Program</i> .....	111
<i>Life Connections</i> .....	112
Student Services .....	113
World Languages.....	114
<i>Chinese</i> .....	114
<i>French</i> .....	115
<i>German</i> .....	116
<i>Spanish</i> .....	118
Academy of C.H.A.N.G.E.S. ....	120
County Cooperative.....	121
Index.....	i

District 200 makes every effort to ensure that information in this *Curriculum Guide* is both accurate and current. However, District 200 reserves the right to correct inaccuracies and to update either revisions of courses or contents of this guide.

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# REGISTRATION PROCESS

This *Curriculum Guide* is designed to help students and parents plan a high school program. Students and parents begin the selection process in December and continue through February for the upcoming school year. As this is being done, students should seriously consider their educational and career goals as well as determine a course of study that meets those goals.

In planning for each school year, students and parents should consider the following:

1. Do the courses meet graduation requirements?
2. Do the courses meet the student's needs for anticipated college or career choices?
3. Do the courses match the student's abilities and expand or develop his/her interests?

Parents are asked to be actively involved with their child in selecting courses by:

1. reading and discussing this curriculum handbook with their child;
2. reviewing the student's report cards with respect to course selections;
3. discussing the appropriate course selections with the student's current teachers and counselor.

Teachers and high school counselors assist in the planning process; parents should feel free to contact them with any questions or concerns. For assistance in using this *Curriculum Guide*, you may contact the guidance department.

# SCHEDULING INFORMATION

1. Student scheduling begins in December and continues through February for the following year.
2. All students must prepare a pre-registration planning sheet, which includes course selections for the year. Planning sheets are approved by both the counselor and the parent.
3. Students will be scheduled into classes of their choosing consistent with handbook requirements. The schedule will consist of original course choices or alternates from the planning sheet. Counselors will secure permission from the student and/or parent before scheduling a course not on the planning sheet.
4. Subject-level placement of freshmen is often based on the results of standardized test scores, placement assessments, and the recommendations of middle school teachers. Placement of upperclassmen is based on previous performance and the recommendations of high school teachers. Students who would like to enroll in a more rigorous course are encouraged to do so.
5. Woodstock High School (WHS) and Woodstock North High School (WNHS) have an extensive curriculum with many courses offered to meet the different ability and interest levels of their students. It should be noted, however, that because a course is offered, it does not mean that the course will be taught. Courses will be taught only if there is sufficient student enrollment. This is also true of courses that are sequential in a program. A sufficient number of students must be registered for a third- or fourth-year program to be taught.

# GRADUATION REQUIREMENTS

A minimum of 222 semester hours are required for graduation from WHS or WNHS. Five semester hours of credit are earned upon completion of a subject which meets on a daily basis for one semester; classes not meeting daily are assigned fewer credits. It is expected that students will take a minimum of 27.5 credit hours per semester. Additionally, students must earn WHS or WNHS credit in order to earn a Community Unit School District 200 diploma.

The faculty and administration believe strongly in the concept of a basic education. Therefore, all students should extend their skills, understanding, and knowledge in selected areas called “required courses.” It is our philosophy that study in these areas is necessary in developing well-rounded young adults ready to continue on with their future plans. All required courses per grade level as well as courses required for graduation must be taken through WHS or WNHS. Of the 222 semester hours required for graduation, credit hours must come from the areas listed in the graduation requirement chart below. Please understand that it is possible, in fact desirable, to achieve well beyond the minimum number of required credits. Many students achieve as many as 300 credit hours earning a medallion at graduation.

Course	Year(s)	Credit Hours
English*	9,10,11,12	40 hours total
Mathematics	9,10,11	30 hours total (including one year of Geometry)
Science	9,10 or 10,11	20 hours total (two-year sequence)
Geography	9	5 hours
World History	10	10 hours
United States History	11 or 12	10 hours
Health (semester)	10	5 hours
Driver Ed Classroom	9 or 10	2.5 hours (nine-week course)
Physical Education	9,10,11,12	32.5 hours - daily PE must be taken each semester except for the semesters that Health and Driver Education are taken
Financial Literacy***	10,11,12	5 hours
Federal & State Constitution**	12	-- See below
Art/World Language/Music/ Career & Technical Education	9,10,11, or 12	10 hours (one year of either art, world language, music, or career & technical education)

\* *An English course is required each semester.*

\*\* *Most students will meet this requirement through their US History class.*

\*\*\* *Some students in either the class of 2011 or 2012 may have previously passed 6502 CONSUMER ECONOMICS during summer school for 2.5 credit hours or opted out of the class by passing the Consumer Education proficiency exam. Both of these situations fulfill the requirement necessary for graduation. Students successfully completing 1511 ECONOMICS, 1513 AP MACROECONOMICS, or 1514 AP MICROECONOMICS during 2010-2011 and beyond will also fulfill the graduation requirement for financial literacy.*

# POST-SECONDARY ED RECOMMENDATIONS

Below are the graduation requirements for students planning to continue their post-secondary education or training as recommended by 2- and 4-year colleges/universities and technical schools.

<b>Course</b>	<b>Credit Hours</b>
English	40 hours
Mathematics	30 hours - minimally through Algebra II
Science	30 hours - preferably Biology, Chemistry, and Physics
World History	10 hours
United States History	10 hours
Other Social Studies	10 hours
World Language	20 hours in same language

## NCAA CORE COURSE REQUIREMENTS

Students interested in playing sports at the collegiate level are required to take 16 core courses for Division I and 14 core courses for Division II. Core courses include English, math, science, social studies, and world language. Please consult the NCAA Clearinghouse website at [www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net) to determine if your courses meet the core course requirements. Please keep in mind that the following core courses do NOT qualify as NCAA core courses:

1. All ELL and Bilingual classes - see pages 40 and 69 for more information
2. Broadcast Journalism
3. Career Writing
4. Computer Programming: Visual Basics
5. Computer Programming: Java
6. Fundamentals of Algebra/Geometry
7. Literacy Preparation
8. Modified Algebra I
9. Modified Algebra II
10. Modified Geometry
11. Pre-Algebra
12. Theatre Arts I
13. Theatre Arts II

## GRADUATION INFORMATION

No student will be allowed to participate in the commencement exercise unless all requirements for graduation have been completed by the end of the final exam period. Students not fulfilling requirements by the end of the final exam period but who provide official transcripts of completed course work by the last day of summer before the next school year will be considered a member of the graduating class. A contract outlining the course to be completed must be filed with a counselor and approved by the administration. No diploma will be issued until all requirements are met and the necessary transcripts have been received. If extended illness during the senior year or some other unique circumstance is involved, the principal may consider exceptions to this policy.

# EARLY GRADUATION

WHS and WNHS are designed to be 4-year institutions. While the overwhelming majority of students attend high school for the full 4 years, it is possible for some students to graduate after 7 semesters. Seniors intending to graduate early must meet with their counselor to ensure that all requirements are met. Please keep in mind that the school is not responsible to provide courses in a specific sequence to allow a student to graduate early.

In order to graduate early, a student must meet all requirements for graduation by the last day of final exams in January. The 8th semester of PE will be waived under those circumstances. Application for early graduation must be made prior to winter break of the student's senior year. Transfer students must complete one full semester at WHS or WNHS to be eligible for early graduation.

Students who graduate early are allowed to participate in all spring senior activities: graduation practice, breakfast or lunch after graduation practice, graduation ceremony, senior awards assembly, senior service project, and, if eligible, the honors banquet, senior athletic banquet, graduation with commendation, graduation with honors, honor societies, 300 credit club, and graduation as one of the top ten students. Students who graduate early may not participate in any co-curricular activities after final exams in January. Early graduates will not be able to procure the *Cum Laude* award since the 95% attendance rate will not be met during senior year.

# STUDENT COURSE LOAD

A minimum course load of 27.5 credit hours per semester are required. Students who take only the minimum load will not earn the minimum credit hours for graduation after 4 years of study. While the minimum load is 27.5 hours, a more common load is 30 credit hours.

Students may take a course load of over 30 hours. Students requesting more than 30 hours will have limited study time during the school day; students need to prepare for the demands of such an intensive course load.

# ADVANCED PLACEMENT INFORMATION

The content of the courses listed below may prepare students for Advanced Placement tests and college credit: AP courses are college-level classes designed to challenge students with a high level of academic rigor.

## **Art**

AP Art History  
AP Studio Art: 2D Design  
AP Studio Art: 3D Design  
AP Studio Art: Drawing

## **English**

AP English Language & Comp.  
AP English Literature & Comp.

## **World Language**

AP Chinese Language  
AP French Language  
AP German Language  
AP Spanish Language

## **Mathematics**

AP Calculus AB  
AP Calculus BC  
AP Statistics

## **Music**

AP Music Theory

## **Science**

AP Biology  
AP Chemistry  
AP Environmental Science  
AP Physics C: Mechanics

## **Social Studies**

AP European History  
AP Macroeconomics  
AP Microeconomics  
AP Psychology  
AP US History

# ARTICULATED CREDIT

The content of the courses listed below prepares students for articulated community college credit:

D200 Course Title	MCC Course Title	Credits	D200 Course Title	MCC Course Title	Credits
Child Development	Topics in Early Childhood Ed (ECE 290)	3	Auto Services Occ. I	Auto Engine Tech (ATM 140)	3
Child Daycare Occ.				Auto Engine Tech (ATM 141 Lab)	1
Accounting I	Basic Accounting Procedures (ACC 110)	3	Manufacturing Occ. I & II	Machine Shop Practices	3
Accounting I & II	Principles of Accounting (ACC 151)	3			
Bus. Comp. Apps. I & II	Basic Computer Literacy (CIS 110)	2			
Marketing	Principles of Retailing (MKT 140)	3			
Retail Marketing					
				<b>Triton Community College</b>	
			Computer Graphics	Intro to Offset Lithography (GRA 100)	3
			Graphic Occupations		
			Graphic Occupations Capstone		

# DUAL CREDIT

Students taking the courses listed below will earn dual credit at both WHS or WNHS and McHenry County College.

D200 Course Title	D200 Credits	MCC Course Number	MCC Credits
Strength & Conditioning Principles	5	Strength and Conditioning Principles (HHP 176)	2
Basic Nursing Assistant	10	Basic Nurse Assistant (NAE100)	7
Criminal Justice	5	FRS100, EMS105, CJS101, IND150	10
Culinary Skills I & II	10 per semester	CLM101, CLM102	7
Fire Science	10	FRS100, EMS105, FRS101, IND150	10
Internet Gaming	10 per semester	CIS110, CIS145, CIS117, DGM100, DGM230	13

# TRANSFER OF CREDIT

Credit toward graduation requirements may be earned at McHenry County College, other colleges, and approved correspondence courses with the prior approval of the counselor and assistant principal. A maximum of 30 units of credit from correspondence courses and a maximum of 20 units of credit from community college courses will be allowed to meet the graduation requirements of WHS and WNHS. Hours earned will be counted in the grade point average according to the regular grading scale, except for transfer of credit for advanced college course work that is well beyond a high school curriculum in depth and academic rigor. Decisions on these types of courses will be made on a course-by-course basis. Courses from schools outside the United States will be calculated as *P/N* grades only.

High school transfer credits from schools approved by the state and certified by the North Central Association (NCA) or its equivalent will be evaluated by the principal or designee. The typical conversion formula is one Carnegie unit of credit equals 10 semester hours. Exceptions are PE and Safety Education credits.

# CREDIT - ALTERNATIVE COURSES, PROGRAMS, SUBSTITUTIONS

## Correspondence Courses

A student enrolled in a correspondence course may receive high school credit for work completed, provided

1. the course is given by an institution accredited by the North Central Association of Colleges and Secondary Schools;
2. the student assumes responsibility for all fees; and
3. the high school principal or designee approves the course in advance.

A maximum of 30 units of correspondence course credit may be counted toward the requirements for a student's high school graduation.

### **Exchange Program**

An exchange student will be granted a diploma if he/she completes the criteria for graduation established by the State of Illinois and the Board of Education. The Board of Education may grant a certificate of attendance to exchange students.

District students in grades 9-12 will receive high school credit for international exchange courses that meet the criteria established in the curriculum and that are approved in advance by the building principal or designee. International study course work not meeting district requirements may be placed in the student's permanent record and recorded as an international study experience with no course credit assigned.

### **Summer School**

A student will receive high school credit for successfully completing any course given by an institution accredited by the North Central Association of Colleges and Secondary Schools.

### **College Courses**

District 200 provides many dual-credit opportunities to students. A student who successfully completes community college courses may receive high school credit, provided

1. the student is a junior or senior in good academic standing;
2. the course is not offered in the high school curriculum or, if offered, the student has not taken the course in high school;
3. the course is approved in advance by the student's guidance counselor and the high school principal or designee;
4. the student assumes responsibility for all fees;
5. the course would be transferable to a four-year college.

A maximum of 20 units of credit may be counted toward the requirements for a student's high school graduation.

### **Students With Disabilities**

The requirements set forth in this policy may be modified or waived, to the extent permitted by law, as determined by an individualized education team for a student with disabilities.

## AUDITING COURSES

Auditing a course for no credit sometimes occurs during the first semester of a sequential full-year course, i.e. mathematics, science, world languages, in which the student has passed first semester but failed second semester. This first semester audit allows the student an opportunity to master concepts to be better prepared to pass second semester. Students will not earn credits toward graduation when auditing a course; credits may not be given for a class already taken and passed. However, the audited course will count toward meeting the student's minimum semester course load. Approval for auditing a course will be determined by the student, parent, and counselor. Occasionally an audit may be necessary based on a student's IEP or 504 plan.

## STUDENT ASSISTANTSHIPS

Sophomores through seniors may elect to take student assistantships for a maximum of four semester hours. Only one assistantship per semester is allowed. This assistantship must be in excess of the minimum load of 27.5 credit hours. Assistantships are arranged by the teacher and the student. Assistantship forms must be filed in the attendance office during the first two weeks of any semester. Three hours per week must be scheduled to earn the two semester hours of credit.

# EXTRA-CURRICULAR ELIGIBILITY

Students who wish to participate in athletics and/or extra-curricular activities must have passed 25 credit hours the previous semester, including 5 credit hours in PE. The student must continue to pass the above specified number of hours during the athletic season or extra-curricular period of activity.

## GRADE REPORTING INFORMATION

### Grade Point Scales

There are three grade point scales on which grades are computed. These scales are coded at the end of each course title in this handbook. For example, a course name followed by (4) is graded on the **regular** scale.

Grade	Regular (4)	Honors (5)	Basic (3)
<i>A</i>	4.000	5.000	3.500
<i>A-</i>	3.667	4.667	3.167
<i>B+</i>	3.333	4.333	2.833
<i>B</i>	3.000	4.000	2.500
<i>B-</i>	2.667	3.667	2.167
<i>C+</i>	2.333	3.333	1.833
<i>C</i>	2.000	3.000	1.500
<i>C-</i>	1.667	2.667	1.167
<i>D+</i>	1.333	1.333	0.833
<i>D</i>	1.000	1.000	0.500
<i>D-</i>	0.667	0.667	0.167
<i>F</i>	0.000	0.000	0.000

### ***A-* Pass Grade Option For Students Taking An Overload**

The *A-* Pass Grade Option is available for any student who is taking an overload and who is concerned that even an excellent grade in the overloaded class will negatively impact his/her grade point average (GPA).

The *A-* Pass Grade Option means that if the student earns a final grade of *A* or *A-*, the student will receive a grade of *P* on the report card and on the transcript. The student will receive credit for the course, but that course and *P* grade will not be considered in GPA calculations. If the student earns a grade of *B+* or below, the student will receive the actual grade on the report card, and that grade and course will be considered in GPA calculations.

The following regulations govern the use of the *A-* Pass Grade Option for students taking an overload:

1. The student's class load must be 33 credit hours or more. If at any time during the semester the student's load drops below the required credit hours (except for a medical situation in PE class), the *A-* Pass Grade Option is revoked and the student will receive a regular grade.
2. This option applies only to elective courses in the Art, Business Education, Family and Consumer Sciences, Industrial Technology, and Music departments.
3. Students may sign up for the *A-* Pass Grade Option For Overloads for only one 5-credit course per semester. The *A-* Pass Grade Option For Overloads may be used in conjunction with the *C-/Pass* Grade Option in PE and the *A-* Pass Grade Option in advanced music courses provided the total number of hours taken for a grade that counts in the GPA calculation is at least 24.5. For students eligible to use the *A-* Pass Grade Option in music, that option must be used prior to using the *A-* Pass Grade Option For Overloads.

4. Students must sign up for this option by the end of the 15th day of the semester. The appropriate form must be filed in the principal's office with both parent and student signatures by 4:00 p.m. on that day.  
The student/parent may make no changes in grade reporting status after that day.

### **C-/Pass Grade and Pass/Fail Options**

Due to academic considerations involving grade point average and class rank, some students may desire the *C-/Pass* Grade Option. Under this option a student who earns at least a *C-* in the course will receive a grade of *P*. This grade will not affect the student's grade point average. For students who take this option and earn less than a *C-*, the actual grade earned will be considered final, and that grade will affect the student's grade point average. The *C-/Pass* Grade Option is limited to Foundations of Fall and Spring PE, Fall PE, Spring PE, PE/Lifeguard Training, Lifetime Fitness, Dance I, Dance II, PE Leadership I, PE Leadership II, PE Partners, Personal Fitness, Strength and Conditioning, Aqua Fit, Walking for Fitness, Adaptive PE, and ALP PE. To apply for the *C-/Pass* Grade Option, students must file the appropriate card with parent permission in the attendance office by the end of the 15th day of each semester. Behind-the-Wheel Driver Education is a one-hour course that is automatically graded on a *P/F* basis. No card needs to be filed for Behind-the-Wheel Driver Education.

### **Grade Criteria**

The awarding of the letter grade, based upon objective data, is the responsibility of the teacher. The teacher's grade is final and can only be changed by that teacher or, in an unusual circumstance, by the principal or board of education.

A student may be dropped from class by the administration for excessive absenteeism or for disciplinary reasons. Such action will result in a freshman study hall assignment and an *F* grade for the dropped course.

If, for any other reason, the administration or counselor drops a student from a class resulting in a class load below the required or 27.5 credit hours, an *F* is assigned for that dropped class, and the student will be assigned to a freshman study hall. Any student dropping a course after 30 school days will receive a grade of *F* and be assigned to study hall regardless of the resulting load.

### **Class Rank**

The ranking of all students is based on the grade point average computed at the end of each semester. Class rank is based on all semester grades issued except the *P*, *N*, or *M* (medical excuse) grades. The grade of *F* is included in determining class rank.

### **Honor Roll**

Honor roll is compiled at the end of each semester. The regular honor roll includes students with a GPA of 3.333 to 3.999; the high honor roll includes a GPA of 4.000 or higher.

### **Grade Classification**

To be classified a sophomore, a student must have earned a minimum of 45 semester hours of credit.

To be classified a junior, a student must have earned a minimum of 102 semester hours of credit.

To be classified a senior, a student must have earned a minimum of 142 semester hours of credit or have a graduation plan on file with the counselor

To graduate, a student must have earned a minimum of 222 semester hours of credit

## **SPECIAL GRADUATION RECOGNITIONS**

### **300 Credit Club**

Students earning 300 or more credits during their high school career will receive a medallion to wear at graduation.

## AP Diploma

Students will earn an AP Diploma if they meet the following criteria by graduation:

1. take a minimum of five (5) AP classes and their corresponding tests
2. earn a B- or higher each semester of each AP class taken

Recognition for this distinction will be an AP Diploma seal on the student's District 200 High School Diploma.

## Cum Laude Graduate

Seniors will graduate with *Cum Laude* status if they meet the following criteria:

1. meet or exceed standards on all sections of the PSAE test or exhibit PLAN to ACT test score growth, as follows:

PLAN Score	ACT Goal	PLAN Score	ACT Goal
1-5	10	20	23
6	11	21	24
7	12	22	25
8-10	13	23	26
11	14	24	27
12	15	25	28
13	16	26-27	29
14	18	28	30
15	19	29	31
16-17	20	30-31	32
18	21	32	33
19	22		

2. participate in one sport, club, or activity during high school career
3. demonstrate community involvement
4. earn at least 260 credits during high school career. The following chart lists the average credits due at the end of each year to reach *Cum Laude* status:

Grade Level	Credits Due
Grade 9	65
Grade 10	130
Grade 11	195
Grade 12	260
*Total	260

\*unless IEP warrants variation

5. earn a 2.50 GPA or higher
6. be a good citizen: no suspensions or good conduct violations
7. maintain a 95% attendance rate during both junior and senior years
8. complete at least one capstone course, as identified within each department, or one Advanced Placement course

## Capstone Courses

### Art

AP Art History  
AP Studio Art: Drawing, 2D or 3D Design  
Graphic Occ Capstone  
Internship  
Multimedia Design Capstone

### Business Education

Accounting II  
Internship

### English

American Novels H  
AP Eng-Language & Comp.  
AP Eng-Literature & Comp.

British Literature & H

Broadcast Journalism

College Bound Comp & H

Creative Writing & H

Journalism II & H

Theatre Arts II & H

**Family & Consumer Science**

Culinary Skills I & II  
 Internship  
 Seminar in Child Care

Intro to Statistics & Calculus  
 Pre-Calculus & Trig  
 Pre-Calculus & Trig H

PE Leadership II  
 PE Lifeguard Training  
 PE Partners  
 Strength & Conditioning  
 Strength & Cond Principles  
 Walking for Fitness

**Industrial Technology**

Auto Occupations II  
 Building Trades III & IV  
 Cabinet Making & Design  
 Internship  
 Manufacturing Occupations II

**Music**

AP Music Theory  
 Varsity Band & H  
 Varsity Choir & H

**Science**

Any AP course or  
 Any 4th science course

**Mathematics**

AP Calculus AB & BC  
 AP Statistics  
 Finite Mathematics

**Physical Education**

Any 3 listed below:  
 Aqua Fit  
 Dance I  
 Dance II  
 Lifetime Fitness  
 PE Leadership I

**Social Studies**

Any AP course

**World Languages**

Any AP course

**Graduation with Commendation**

Seniors will graduate with commendation if they meet the following criteria:

1. have no semester grade of *F* during grades 10, 11, and 12. No appeal is possible.
2. have been enrolled a minimum of 2 semesters in WHS or WNHS. No appeal is possible.
3. have assumed responsibility for self-discipline and displayed a sense of responsibility to the school and community. Students will meet this requirement if they have
  - a. not been absent more than 10 days during any school year;
  - b. not been suspended during grades 10, 11, and 12;
  - c. not dropped below the minimum load;
  - d. not violated the high school policy concerning plagiarism or academic dishonesty during grades 10, 11, and 12. This violation must have been serious enough to have been documented in the assistant principal's office and parental contact must have been made.
  - e. not been convicted of a felony or found guilty of violating the law concerning possession, use or transfer of alcohol/drugs, gang-related activities, theft, assault or battery during grades 10, 11, and 12.
4. have earned a minimum of 8 service credits in grades 9 through 12 for service to the school or community through participation in approved activities. No appeal is possible.

If any student has not met all number 3 criteria above but feels he/she should still graduate with commendation, he/she may submit in writing an appeal to his/her assistant principal. A Faculty Review Committee will act on all appeals. Their decision will be final.

**Approved Activities for Service Credits**

Animé Club	* Music (Jazz Choir, Madrigal Singers,	Student Congress
**Assistantship	Premium Blend, Standing Room	Student Council
Baseball	Only (SRO), Varsity Choir,	Student Manager
Basketball	Jazz Ensemble, Percussion	Student Trainer
Cheerleaders	Ensemble, Symphonic	Swimming
Chess Club	Band, and Varsity Band)	Tennis
Class Officer	National Honor Society	Thespian Club

Cross Country	Pom Pons	Track
Drama (per play)	S.A.D.D.	Volleyball
Football	Scholastic Bowl	World Language Clubs
Golf	**School Newspaper	Wrestling
Green Club	Soccer	**Yearbook
Key Club	Softball	
**Math Team	Speech Team	

*\* Earns one service credit per year.*

*\*\*Service credit allowed only if student receives no academic credit.*

Each year's participation may earn one service credit for graduation with commendation except an assistantship, which earns one service credit each semester. At the end of each activity, the advisor will identify students who meet the minimum requirements for a service credit.

Approved community service may be substituted for school service upon the review and recommendation of the athletic/activities director. The student must furnish evidence of such service. Approved community service is limited to a maximum of three service credits.

### **Graduation with Honors**

A 3.75 or higher cumulative grade point average is required. There are no other qualifications.

### **National Honor Society**

Selections of junior and senior students for National Honor Society will be made by the Faculty Review Committee on the basis of the following criteria:

ACADEMIC:	Student must have a minimum grade point average of 3.75.
SERVICE:	Juniors must have four service credits; seniors must have six service credits. These are earned by taking part in school activities (see above). Approved community service may be counted for up to three service credits.
LEADERSHIP:	The student must be active in the life of the school and assume a responsible role.
CHARACTER:	The student must show responsible behavior and self-discipline. The student must not be suspended during grades 10, 11, or 12.

The selection process is as follows:

1. A Service Credit Summary form is sent to all academically eligible junior and senior students at the beginning of the school year.
2. Service credit eligibility is verified.
3. A form listing all eligible students is sent to all faculty members to obtain recommendations concerning character and leadership.
4. The Faculty Review Committee meets to approve the list of students who meet the criteria.
5. Selected students receive notification by letter.
6. Students are inducted into the society in early fall.

# COURSE CHANGE REQUESTS

The process of selecting and registering for courses is an important and thorough process. At this time the entire school staff is available to address curriculum issues and to aid students in the course selection process. The master schedule is developed based on student course requests. Students and parents are encouraged to review the *Curriculum Guide* each year when determining courses and should work closely with counselors to assure that the course selections are appropriate and meet graduation and post-high school requirements. Consequently, after the initial selection of courses has taken place, it is very difficult to add courses to a student's schedule. Students will be provided with an opportunity to review their course selections in late May or early June. The courses that a student selects are final at that time, and no changes should be necessary.

Even after the best planning has taken place, there are some legitimate reasons that a student's schedule still needs to be changed. We will accommodate requests for schedule changes that fall into the following categories:

1. a student is enrolled in 2 classes during the same period
2. a student does not meet the prerequisite for a class
3. a student has failed a class and needs to repeat it
4. a student needs a specific course to meet graduation requirements and does not have that course in the schedule
5. a student needs a course for admission to a specific college
6. a student does not have enough hours in his/her schedule - 27.5 credit hours each semester
7. a student is in the wrong level of a class
8. a student has already taken a class
9. a student has a doctor's excuse for physical education courses, Formatting, or other courses where performance might be significantly diminished due to a physical condition
10. a student has successfully completed a course during summer school

Additionally, students have until the imposed deadline to drop one course and add another in its place. These changes will be allowed under the following conditions:

1. The seat limit in the class being added - or other classes impacted by the change - will not be exceeded.
2. The resulting change will not drop a student below the minimum load.
3. A parent/guardian must approve of any changes.

Any course changes to be made for the second semester must be completed through the guidance office prior to winter break. The conditions for first semester changes are the same that apply for second semester changes. Students may drop year-long courses at the semester if they are determined to be at academic risk in that class by school personnel.

Students may drop a year-long course at semester after the following requirements are met:

1. the minimum load requirement is maintained
2. the student has signed permission of teacher, parent, and counselor
3. the dropped course is replaced with another course

The procedure to drop a year-long course at semester is as follows:

1. Student and teacher will schedule a meeting outside of class time to discuss the pros and cons of withdrawing from the course at semester's end.
2. If, after the teacher and student meeting, the student still wants to pursue withdrawing from the course at semester's end, a student, parent, and teacher meeting will occur to further discuss the pros and cons of the withdrawal. If any one of the parties does not want the withdrawal to occur, the process stops and the student remains in the course for second semester. If all parties agree to the change, a Change of Course form must be completed.

3. The student will then bring the completed form to his/her counselor to adjust the second semester schedule.
4. If no suitable class is found to replace the proposed dropped course ensuring the minimum load requirement, the course change will not occur.

Changes for such reasons as wanting to be free either first or last hours, requesting specific lunch hours, desiring to be in specific sections with friends, wanting to change teachers, or accommodating job schedules will not be honored.

**Absolutely no schedule changes, except requests listed on page 12 and 13, will be made after the imposed deadline for first semester changes and after winter break for second semester changes.**

## TEACHER CHANGE REQUESTS

Switching to another teacher is a rare occurrence; however, at times there may be perceived difficulties that arise between individual teachers and individual students. The procedure listed below must be followed before any schedule change will be considered. A personality conflict alone is **not** considered a legitimate reason to switch teachers.

1. The student will meet individually with the teacher to discuss academic progress.
2. If difficulties in academic progress continue, the parent(s) and student will meet with the teacher. The teacher or parent may request the division or department head be present. A written plan of action will be developed and a mutually agreed upon time period for remediation will be set - a timetable of 4 to 5 weeks is generally suggested. Throughout this process the student will demonstrate appropriate class behavior, seek extra help, work with the teacher to improve achievement, and show effort in homework and class assignments. A copy of the plan will be given to all participants as well as the appropriate division or department chairperson.
3. If, in spite of all portions of the plan of action being completed, difficulties still persist, the parent may request a meeting with the appropriate chairperson. The division or department chairperson will consult with the teacher and counselor about the student's progress concerning the effect of a schedule change. After considering all of the facts and determining the effect on the student's entire program, the division or department chair may recommend a change in teachers.

## SUMMER SCHOOL OFFERINGS

Summer school brochures and registration forms are available to parents and students in the guidance office toward the middle of second semester. A limited number of courses are offered and are typically courses required for graduation. Enrollment in summer school courses allows students the opportunity to enroll in more elective courses during the school year as well as the opportunity to recover credits toward graduation.

Summer school is a self-funded program. The decision as to whether a course will be taught is based upon the enrollment numbers each year. The deadline for tuition and registration forms is the first week of May.

**START PLANNING YOUR FUTURE!**

**NOW!**

# CAREER CLUSTER PLANS OF STUDY

WHS and WNHS recognize that careful organization and accurate information are key elements in course selection and career exploration. Each high school's Career Center, the U Room, is equipped with the internet-based career and college-search program Career Cruising. A career specialist on staff in the U Room is available to help students with career and post-high school education questions. The guidance department, in conjunction with WACEP - Woodstock Area Community Education Partnership, provides community-based opportunities to help students begin to make appropriate post-secondary decisions. Job Shadowing allows students to learn first hand about a career by observing local workers in the workplace. Student internship and Tech Prep programs provide students with on-the-job and advanced skills training while still in high school. Power STEPS provides information on résumé writing and interviewing techniques to help students actually secure jobs. District 200 is truly at the forefront in helping students find out what they **really** want to do as well as preparing them to succeed in their endeavors!

The following pages include aids for selecting appropriate high school courses. These 16 Career Clusters help students choose a specific occupational area in which to focus their four years of high school. Each Plan of Study includes information about required courses, recommended elective courses, and the amount of credit for each. After the 16 clusters, students will find a blank chart to help in plotting their individual four-year plan.

We strongly encourage you to use these pages; these charts have been developed to allow students the flexibility to choose courses in several different curricula and to allow both parents and students a chance to review choices based on student performance and interest.

**Please Note:** If students are unsure of the occupational path that best suits them, they are welcome to try different electives to explore each area. Students and parents should also utilize their child's guidance counselor as well as the high school's career specialist as resources in this journey.

## **District 200 Plans of Study**

Agriculture, Food, & Natural Resources  
Architecture & Construction  
Arts, A/V Technology, & Communication  
Business Management & Administration  
Education & Training  
Finance  
Government & Public Administration  
Health Science  
Hospitality & Tourism  
Human Services  
Information Technology  
Law, Public Safety, Corrections, & Security  
Manufacturing  
Marketing  
Science, Technology, Engineering, & Mathematics  
Transportation, Distribution, & Logistics

# Agriculture, Food, and Natural Resources



## Agriculture, Food & Natural Resources

### Career Cluster Plan of Study

Name \_\_\_\_\_

Counselor \_\_\_\_\_

School/College/University \_\_\_\_\_

GRADE	English	Math	Science	Social Studies	Physical Education and Health	Electives (Choose two or three per year)	SAMPLE Occupations Relating to This Career Cluster
Interest Inventory Administered and Plan of Study Initiated for all Learners							
9	Freshman English (10)	Algebra I (10) Geometry (10)	Biology (10) Geoscience (10)	Geography (5)	Legend: *McHenry County College Partnership Found of Fall PE (5) Found of Spring PE (5) Drivers Ed (2.5) Personal Fitness (2.5)	OFCS-Personal Development and Foods (5) Bands (10) Choirs (10) Visual Arts (5) World Language (10)	<b>Occupations Requiring Postsecondary Education:</b> Agricultural Chemical Dealer Aquaculturist Bank/Loan Office Environmental Compliance Assurance Manager Equine Manager Farm Manager Health and Safety Sanitarian Meat Cutter-Meat Grader Park Manager Produce Buyer Recycling Technician Wildlife Manager
10	Sophomore Comp (5) Sophomore Literature (5)	Geometry (10) Algebra II (10)	Biology (10) Chemistry (10) Geoscience (10)	World History (10)	Health (5) Drivers Ed (2.5) Personal Fitness (2.5) PE Elective (5)	Any of the above plus Foods I (5) Foods II (5) Accounting I (10)	<b>Occupations Requiring Baccalaureate Degree:</b> Agricultural Educator Botanist Ecologist Environmental Engineer Fish and Game Officer Plant Pathologist Veterinarian
11	American Lit Survey (5) English Elective (5)	Algebra II (10) Pre-Calculus (10)	Chemistry (10) Environmental (10) Geology (10)	US History (10) (Constitution)	PE Elective (5) Lifetime Fitness (5)	Any of the above plus Accounting II (10)	<b>Occupations Requiring Baccalaureate Degree:</b> Agricultural Educator Botanist Ecologist Environmental Engineer Fish and Game Officer Plant Pathologist Veterinarian
12	English Electives (10)	Pre-Calculus (10) Intro to Stats & Calc (10) AP Calculus (10) AP Statistics (10)	AP Biology (16) AP Environmental (10) AP Chemistry (16)	Economics (5) Sociology (5)	PE Electives (10)	Any of the above plus Consumer Ed (5)	<b>Occupations Requiring Baccalaureate Degree:</b> Agricultural Educator Botanist Ecologist Environmental Engineer Fish and Game Officer Plant Pathologist Veterinarian
<p>Note: Various course levels are available to meet these career and graduation requirements. See your counselor for more information on how this relates to your education needs.</p>							

# Architecture & Construction



## Architecture and Construction Career Cluster Plan of Study

Name \_\_\_\_\_

Counselor \_\_\_\_\_

School/College/University \_\_\_\_\_

GRADE	English	Math	Science	Social Studies	Physical Education and Health	Electives (Choose two or three per year)	SAMPLE Occupations Relating to This Career Cluster
Legend: * =McHenry County College Partnership Interest Inventory Administered and Plan of Study Initiated for all Learners							
9	Freshman English (10)	Algebra I (10) Geometry (10)	Biology (10) Geoscience (10)	Geography (5)	Foundations of Fall (5)/ Spring PE (5) Drivers Ed (2.5) Personal Fitness (2.5)	OIT-Communication & Energy (5) OIT-Transportation & Production (5) Drafting (5) PLTW-Intro to Engineering Design (10) OFCS-Fashion & Int. Design (5) Bands (10)/Choirs (10)/VisualArts (5) World Language (10)	Architect Carpenter Civil Engineer Construction Foreman/Manager Contractor Demolition Engineer Drafter Drywall Installer Electrician Electronic Systems Technician Equipment/Material Manager General Contractor/Builder Heating, Ventilation, Air Conditioning, and Refrigeration Mechanic Interior Designer Painter Paperhanger Plumber Project Estimator Project Inspector Roofing Safety Director Sheet Metal Worker Tile and Marble Setter
10	Sophomore Comp (5) & Sophomore Literature (5)	Geometry (10) Algebra II (10)	Biology (10) Chemistry (10) Geoscience (10)	World History (10)	Health (5) Drivers Ed (2.5)/ Personal Fitness (2.5) PE Elective (5)	Any of the above plus Intro to Building Trades (5) PLTW-Principles of Engineering (10) Living Env./Int. Design (5) Woods I (5) Materials & Processes (5)	
11	American Lit Survey (5) English Elective (5)	Algebra II (10) Pre-Calculus (10)	Physics (10) Chemistry (10) Environmental (10) Geology (10)	US History (10) (Constitution)	PE Electives (10)	Any of the above plus Building Trades I & II (30) PLTW-Civil Engineering & Architecture (10) PLTW-Digital Electronics (10) Cabinet Making (5)	
12	English Electives (10)	Pre-Calculus (10) Intro to Stats & Calc (10) AP Calculus (10) AP Statistics (10)	AP Biology (16) AP Environment (10) AP Physics (10)	Economics (5) Elective (5)	PE Electives (10)	Any of the above plus Consumer Ed (5) Building Trades III & IV (30) Drafting & Architecture Internship (5)	
Note: Various course levels are available to meet these career and graduation requirements. See your counselor for more information on how this relates to your educational needs							

# Arts, A/V Technology, & Communication



Name \_\_\_\_\_

Counselor \_\_\_\_\_

School/College/University \_\_\_\_\_

## Arts, A/V Technology & Communications Career Cluster Plan of Study

GRADE	English	Math	Science	Social Studies	Physical Education and Health	Electives (Choose two or three per year)	SAMPLE Occupations Relating to This Career Cluster
Interest Inventory Administered and Plan of Study Initiated for all Learners Legend: * =McHenry County College Partnership							
9	Freshman English (10)	Algebra I (10) Geometry (10)	Biology (10) Geoscience (10)	Geography (5)	Foundations of Fall (5)/ Spring PE (5) Drivers Ed (2.5)/ Personal Fitness (2.5)	OIT-Communication & Energy (5) Graphics (5)/Computer Graphics (5) OFCS-Fashion & Interior Design (5) Formalting (5) Bands:Concert (10)/Jazz (4 or 6)/Percussion (10) Choirs:Men's/Women's (10 ea.) Guitar I (5) Visual Arts:Concepts/Ceramics/Drawing/Glass/Painting (5 ea.) World Language (10)	Actor Audio-Video Designer and Engineer Broadcast Technician Commercial Artist Computer Animator Curator/Gallery Manager Director and Coach Fashion Designer Journalist Lithographer Musician Printing Equipment Operator Telecommunication Technician Videographer Web Page Designer
10	Sophomore Comp (5) Sophomore Lit (5)	Geometry (10) Algebra II (10)	Biology (10) Chemistry (10) Geoscience (10)	World History (10)	Health (5) Drivers Ed (2.5)/ Personal Fitness (2.5) PE Elective (5)	Any of the above plus Fashion Opportunities I (5) & II (5) Desktop Publishing (5) Madrigals (6) Guitar II (5) Photography (5) AP Art History (10)	
11	Am Lit Survey (5) Theatre Arts I (5) Theatre Arts II (5) Journalism I (5) Journalism II (5) Broadcast Journ (10) Speech (5)	Algebra II (10) Pre-Calculus (10)	Science Elective (10)	US History (10) (Consitution)	Dance I (5) Dance II (5)	Any of the above plus Graphic Occupations I (10) Internet Gaming* (20) AP Music Theory (10) AP Art History (10)	
12	Theatre Arts I (5) Theatre Arts II (5) Journalism I (5) Journalism II (5) Broadcast Journ (10) Speech (5)	Pre-Calculus (10) Intro to Stats&Calc (10) AP Calculus (10) AP Statistics (10)	Science Elective (10)	Psychology (5) Sociology (5)	PE Electives (10)	Any of the above plus Consumer Ed (5) Graphic Occupations Capstone (10)	
<p><b>Note: Various course levels are available to meet these career and graduation requirements.</b> See your counselor for more information on how this relates to your educational needs.</p>							

# Business, Management, & Administration



Name \_\_\_\_\_

Counselor \_\_\_\_\_

School/College/University \_\_\_\_\_

## Business, Management & Administration

### Career Cluster Plan of Study

GRADE	English	Math	Science	Social Studies	Physical Education and Health	Electives (Choose two or three per year)	SAMPLE Occupations Relating to This Career Cluster
Interest Inventory Administered and Plan of Study Initiated for all Learners Legend: * = McHenry County College Partnership							
9	Freshman English (10)	Algebra I (10) Geometry (10)	Biology (10) Geoscience (10)	Geography (5)	Foundations of Fall (5)/ Spring PE (5) Drivers Ed (2.5)/ Personal Fitness (2.5)	Intro to Business: The Global Economy (5) Intro to Business: Operations & Finance (5) OFCS-Fashion & Interior Design (5) Formatting (5) Business Computer Apps I (5) & II (5) Graphics (5) Bands (10)/Choirs (10) Visual Arts (5) World Language (10)	Administrative Assistant Advertising Sales Person Auditor Business Consultant Certified Public Accountant Corporate Trainer E-Commerce Analyst Entrepreneur Facilities Manager Finance Director Human Resources Manager Investment Executive Marketing Analyst Medical Transcriptionist Office Manager OSHA/ADA Compliance Officer Personnel Recruiter Public Relations Manager Sales Representative Wholesale and Retail Buyer
10	Sophomore Comp (5) Sophomore Literature (5)	Geometry (10) Algebra II (10)	Biology(10) Chemistry(10) Geoscience (10)	World History (10)	Health (5) Drivers Ed (2.5)/ Personal Fitness (2.5) PE Elective (5)	Any of the above plus Marketing (5) Retail Marketing (5) Accounting I (10) Computer Graphics (5)	
11	American Lit Survey (5) Career Writing (5)	Algebra II (10) Pre-Calculus (10)	Science Elective (10)	US History (10) (Constitution) Political Science (5) Economics (5)	PE Electives (10)	Any of the above plus Accounting II (10) Business Law (5) Interrelated Occupations Work Training I (20)	
12	English Electives (10)	Pre-Calculus (10) Intro to Stats & Calc (10) AP Calculus (10) AP Statistics (10)	Science Elective (10)	Psychology (5) Sociology (5)	PE Electives (10)	Any of the above plus Consumer Ed (5) Interrelated Occupations Work Training II (20) Business Internship (5)	
<p>Note: Various course levels are available to meet these career and graduation requirements. See your counselor for more information on how this relates to your education needs.</p>							

# Education & Training



## Education & Training Career Cluster Plan of Study

Name \_\_\_\_\_

Counselor \_\_\_\_\_

School/College/University \_\_\_\_\_

GRADE	English	Math	Science	Social Studies	Physical Education and Health	Electives (Choose two or three per year)	SAMPLE Occupations Relating to This Career Cluster
Interest Inventory Administered and Plan of Study Initiated for all Learners							
Legend: * =McHenry County College Partnership							
9	Freshman English (10)	Algebra I (10) Geometry (10)	Biology (10) Geoscience (10)	Geography (5)	Foundations of Fall (5)/ Spring PE (5) Drivers Ed (2.5)/ Personal Fitness (2.5)	OFCS-Personal Development and Foods (5) Formatting (5) Business Computer Applications I (5) & II (5) Bands (10)/Choirs (10) Visual Arts (5) World Languages (10)	Administrator Assessment Specialist CareerTech Administrator Child Care Worker Clinical Psychologist Coach College/University Faculty Counselor
10	Sophomore Comp (5) Sophomore Literature (5)	Geometry (10) Algebra II (10)	Biology (10) Chemistry (10) Geoscience (10)	World History (10)	Health (5) Drivers Ed (2.5)/ Personal Fitness (2.5) PE Elective (5)	Any of the above plus Child Development (5) Business Computer Applications II (5) Graphics (5)	Curriculum Developer Elementary Teacher High School Teacher Middle School Teacher Principal Speech-Language Pathologist
11	American Lit Survey (5) Speech (5)	Algebra II (10) Pre-Calculus (10)	Chemistry (10) Physics (10)	US History (10) (Constitution) Political Science (10) Economics (10)	Strength & Conditioning (5) Lifeguard Training (5)	Any of the above plus Child Day Care Occupations (10) Adult Living (5)	
12	English Electives (10)	Pre-Calculus (10) Intro to Stats & Calc (10) AP Calculus (10) AP Statistics (10)	AP Biology (16) AP Environmental (10) AP Physics (10) AP Chemistry (16)	Psychology (5) Sociology (5)	PE Leaders I (5) PE Leaders II (5)	Any of the above plus Consumer Ed (5) Seminar in Child Care (5)	
<p>Various course levels are available to meet these career and graduation requirements. See your counselor for more information on how this relates to your educational needs.</p>							

# Finance



Name \_\_\_\_\_  
 Counselor \_\_\_\_\_  
 School/College/University \_\_\_\_\_

## Finance Career Cluster Plan of Study

GRADE	English	Math	Science	Social Studies	Physical Education and Health	Electives (Choose two or three per year)	SAMPLE Occupations Relating to This Career Cluster
Interest Inventory Administered and Plan of Study Initiated for all Learners							
Legend: * =McHenry County College Partnership							
9	Freshman English (10) Algebra I (10) Geometry (10)	Biology (10) Geoscience (10)	Geography (5)	Foundations of Fall (5)/ Spring PE (5) Drivers Ed (2.5)/ Personal Fitness (2.5)	Intro to Business: The Global Economy (5) Intro to Business: Operations & Finance (5) Formatting (5) Bands (10)/Choirs (10) Visual Arts (5) World Language (10)	Abstractor Accountant Actuary Bill and Account Collector Commodities Representative Controller Credit Analyst Debt Counselor Economist Financial Planner Foreign Exchange Manager Fund Raiser Insurance Broker Internal Auditor Loan Officer Non-Profit Manager Tax Examiner	
10	Sophomore Comp (5) Sophomore Literature (5) Algebra II (10)	Biology (10) Chemistry (10) Geoscience (10)	World History (10)	Health (5) Drivers Ed (2.5)/ Personal Fitness (2.5) PE Elective (5)	Any of the above plus Accounting I (10)	Internal Auditor Financial Planner Foreign Exchange Manager Fund Raiser Insurance Broker Internal Auditor Loan Officer Non-Profit Manager Tax Examiner	
11	American Lit Survey (5) Career Writing (5) Algebra II (10) Pre-Calculus (10)	Environmental Science (10) Physics (10)	AP US History (10) (Constitution) Political Science (5)	PE Electives (10)	Any of the above plus Accounting II (10) Business Law (5)	Internal Auditor Loan Officer Non-Profit Manager Tax Examiner	
12	English Electives (10) Pre-Calculus (10) Intro to Stats & Calc (10) AP Calculus (10) AP Statistics (10)	AP Environmental (10)	Economics (5) Sociology (5) AP Macroeconomics (5) AP Microeconomics (5)	PE Electives (10)	Any of the above plus Consumer Ed (5)	Title Researcher and Examiner Treasurer Trust Officer Underwriter	
<p>Note: Various course levels are available to meet these career and graduation requirements.                  See your counselor for more information on how this relates to your educational needs.</p>							

# Government & Public Administration



Name \_\_\_\_\_

Counselor \_\_\_\_\_

School/College/University \_\_\_\_\_

## Government & Public Administration Career Cluster Plan of Study

GRADE	English	Math	Science	Social Studies	Physical Education and Health	Electives (Choose two or three per year)	SAMPLE Occupations Relating to This Career Cluster
Interest Inventory Administered and Plan of Study Initiated for all Learners							
Legend: * = McHenry County College Partnership							
9	Freshman English (10)	Algebra I (10) Geometry (10)	Biology (10) Geoscience (10)	Geography (5)	Foundations of Fall (5)/ Spring PE (5) Drivers Ed (2.5)/ Personal Fitness (2.5)	Intro to Business: The Global Economy (5) Intro to Business: Operations & Finance (5) Formatting (5) Business Computer Applications I (5) & II (5) Bands (10)/Choirs (10) Visual Arts (5) World Language (10)	Ambassador Bank Examiner City Manager Combat Control Officer Commissioner Cryptographer Election Supervisor Elected Official Foreign Service Officer Immigration Officer Intelligence Analyst Internal Revenue Investigator Lobbyist National Security Advisor Planner Policy Advisor Tax Policy Analyst
10	Sophomore Comp (5) Sophomore Literature (5)	Geometry (10) Algebra II (10)	Biology (10) Chemistry (10) Geoscience (10)	World History (10) AP European History (10)	Health (5) Drivers Ed (2.5)/ Personal Fitness (2.5) PE Elective (5)	Any of the above plus Accounting I (10) Formatting (5) Business Computer Applications II (5)	
11	American Lit Survey (5) College Bound Comp (5) Speech (5)	Algebra II (10) Pre-Calculus (10)	Chemistry (10) Physics (10) Environmental (10)	AP US History (10) (Constitution) Economics (5)	PE Electives (10)	Any of the above plus Business Law (5) Accounting II (10)	
12	AP English Lit (10) AP English Language (5)	Pre-Calculus (10) Intro to Stats & Calc (10) AP Calculus (10) AP Statistics (10)	AP Environmental (10) Geology (10)	Sociology (5) Political Science (5) AP Macroeconomics (5) AP Microeconomics (5)	PE Electives (10)	Any of the above plus Consumer Ed (5)	
<p>Note: Various course levels are available to meet these career and graduation requirements. See your counselor for more information on how this relates to your educational needs.</p>							

# Health Science



## Health Science

### Career Cluster Plan of Study

Name \_\_\_\_\_

Counselor \_\_\_\_\_

School/College/University \_\_\_\_\_

GRADE	English	Math	Science	Social Studies	Physical Education and Health	Electives (Choose two or three per year)	SAMPLE Occupations Relating to This Career Cluster
Interest Inventory Administered and Plan of Study Initiated for all Learners							
Legend: * = McHenry County College Partnership							
9	Freshman English (10) Algebra I (10) Geometry (10)	Biology (10)	Geography (5)	Foundations of Fall (5)/ Spring PE (5) Drivers Ed (2.5)/ Personal Fitness (2.5)	OFCS-Personal Development & Foods (5) Bands (10)/Choirs (10) Visual Arts (5) World Language (10)		<b>Occupations Requiring Less than Baccalaureate Degree</b> Dental Assistant/Hygienist EMT/Paramedic Health Information Coder Home Health Aide Lab Technician Phlebotomist Radiographer Registered Nurse
10	Sophomore Comp (5) Sophomore Literature (5) Geometry (10) Algebra II (10)	Chemistry (10)	World History (10)	Health (5) Drivers Ed (2.5)/ Personal Fitness (2.5) PE Elective (5)	Any of the above plus Foods & Nutrition I (5) & II (5)		<b>Occupations Requiring Baccalaureate Degree</b> Athletic Trainer Biochemist Biostatistician Geneticist Industrial Hygienist Nutritionist Occupational Therapist Physician (MD/DO) Physician's Assistant Psychologist Radiologist Research Scientist Speech/Language Pathologist Toxicologist Veterinarian
11	American Lit Survey (5) Career Writing (5) Algebra II (10) Pre-Calculus (10)	AP Biology (16)	US History (10) (Constitution) Political Science (5)	Lifeguard Training (5) Lifetime Fitness (5)	Any of the above plus Fire Science* (10)		
12	English Electives (10) Pre-Calculus (10) Intro to Stats & Calc (10) AP Calculus (10) AP Statistics (10)	AP Chemistry (16) Human Anatomy & Physiology (5) Forensics (5)	Economics (5) Psychology (5) Sociology (5) AP Macroeconomics (5) AP Microeconomics (5)	Strength & Conditioning Principles* (5) PE Elective (5)	Any of the above plus Consumer Ed (5) Basic Nurse Assisstant* (10) Internship (5)		
<p>Note: Various course levels are available to meet these career and graduation requirements. See your counselor for more information on how this relates to your educational needs.</p>							

# Hospitality & Tourism



## Hospitality & Tourism Career Cluster Plan of Study

Name \_\_\_\_\_

Counselor \_\_\_\_\_

School/College/University \_\_\_\_\_

GRADE	English	Math	Science	Social Studies	Physical Education and Health	Electives (Choose two or three per year)	SAMPLE Occupations Relating to This Career Cluster
Interest Inventory Administered and Plan of Study Initiated for all Learners							
9	Freshman English (10) Algebra I (10) Geometry (10)	Biology (10) Geoscience (10)	Geography (5)	Foundations of Fall (5)/ Spring PE (5) Drivers Ed (2.5)/ Personal Fitness (2.5)	OFC'S: Personal Development & Foods (5) Intro to Business: The Global Economy (5) Intro to Business: Operations & Finance (5) Bands (10)/Choirs (10) Visual Arts (5) World Language (10)	Baker Bartender Casino Manager Caterer Concierge Convention Services Manager Director of Operations - Lodging Director of Tourism Development Event Planner Executive Chef Facilities Manager Maitre d' Museum Director Reservations Manager Restaurant Owner/Manager Sports Promoter Theme Park Manager Tour and Travel Guide Travel Agent Wine Steward	
10	Sophomore Comp (5) Sophomore Literature (5) Algebra II (10)	Chemistry (10) Biology (10) Geoscience (10)	World History (10)	Health (5) Drivers Ed (2.5)/ Personal Fitness (2.5) PE Elective (5)	Any of the above plus Foods & Nutrition II (5) Accounting I (10)		
11	American Lit Survey (5) Career Writing (5)	Environmental (10)	US History (10) (Constitution) Political Science (5) Economics (5)	PE Electives (10)	Any of the above plus Culinary Skills I (10) & II (10) Living Environments/Interior Design (5) Accounting II (10) Marketing (5) Retail Marketing (5)		
12	Speech (5) English Elective (5)	AP Environmental (10)	Psychology (5) Sociology (5)	PE Electives (10)	Any of the above plus Consumer Ed (5) Business Law (5) Internship (5)		
<p>Note: Various course levels are available to meet these career and graduation requirements. See your counselor for more information on how this relates to your educational needs.</p>							

# Human Services



## Human Services

### Career Cluster Plan of Study

Name \_\_\_\_\_

Counselor \_\_\_\_\_

School/College/University \_\_\_\_\_

GRADE	English	Math	Science	Social Studies	Physical Education and Health	Electives (Choose two or three per year)	SAMPLE Occupations Relating to This Career Cluster
Interest Inventory Administered and Plan of Study Initiated for all Learners							
9	Freshman English (10)	Algebra I (10) Geometry (10)	Biology (10) Geoscience (10)	Geography (5)	Foundations of Fall (5) Spring PE (5) Drivers Ed (2.5) Personal Fitness (2.5)	OFCS-Foods and Personal Development (5) OFCS-Fashion and Interior Design (5) Intro to Business: The Global Economy (5) Intro to Business: Operations & Finance (5) Formatting (5) Business Computer Applications I (5) & II (5) Bands (10)/Choirs (10) Visual Arts (5) World Language (10)	Buyer Certified Financial Planner Community Service Director Consumer Advocate Cosmetologist Director of Childcare Facility Emergency and Relief Worker Esthetician Funeral Director Licensed Professional Counselor Market Researcher Massage Therapist Personal Fitness Trainer School Counselor/Psychologist Small Business Owner Social Worker
10	Sophomore Comp (5) Sophomore Literature (5)	Geometry (10) Algebra II (10)	Biology (10) Chemistry (10) Geoscience (10)	World History (10)	Health (5) Drivers Ed (2.5) Personal Fitness (2.5) PE Elective (5)	Any of the above plus Fashion Opp I (5) & II (5) Child Development (5)	
11	American Lit Survey (10) English Elective (5)	Algebra II (10) Pre-Calculus (10)	Physics (10) Human Anatomy & Physiology (5) Forensics (5)	US History (10) (Constitution) Political Science (5) Economics (5)	PE Leaders I (5) PE Leaders II (5)	Any of the above plus Child Day Care (10) Accounting I (10) Marketing (5) Retail Marketing (5)	
12	English Electives (10)	Pre-Calculus (10) Intro to Stats & Calc (10) AP Calculus (10) AP Statistics (10)	AP Environmental (10) AP Biology (16)	Psychology (5) Sociology (5) AP Macroeconomics (5) AP Microeconomics (5)	Strength & Conditioning Principles* (5) Lifetime Fitness (5)	Any of the above plus Consumer Ed (5) Seminar in Child Care (5) Accounting II (10) Business Law (5) Internship (5)	

Note: Various course levels are available to meet these career and graduation requirements.  
See your counselor for more information on how this relates to your educational needs.

# Information Technology



## Information Technology Career Cluster Plan of Study

Name \_\_\_\_\_

Counselor \_\_\_\_\_

School/College/University \_\_\_\_\_

GRADE	English	Math	Science	Social Studies	Physical Education and Health	Electives (Choose two or three per year)	SAMPLE Occupations Relating to This Career Cluster
Interest Inventory Administered and Plan of Study Initiated for all Learners							
9	Freshman English (10)	Algebra I (10) Geometry (10)	Biology (10) Geoscience (10)	Geography (5)	Foundations of Fall (5)/ Spring PE (5) Drivers Ed (2.5)/ Personal Fitness (2.5)	OIT-Communication & Energy (5) Graphics (5) Computer Graphics (5) Business Computer Apps I (5) & II (5) Formatting (5) PLTW-Introduction to Engineering Design (10) Bands (10)/Choirs (10) Visual Arts (5) World Language (10)	Animator Database Administrator Data Systems Designer E-Business Specialist Game Developer Information Technology Engineer Media Specialist Network Administrator Network Security Analyst PC Support Specialist Programmer Software Applications Specialist Systems Administrator Telecommunications Network Technician User Support Specialist Virtual Reality Specialist Web Architect/Designer
10	Sophomore Comp (5) Sophomore Literature (5)	Geometry (10) Algebra II (10)	Biology (10) Chemistry (10) Geoscience (10)	World History (10)	Health (5) Drivers Ed (2.5)/ Personal Fitness (2.5) PE Elective (5)	Any of the above plus Graphic Occupations (10) Desktop Publishing (5) PLTW-Principles of Engineering (10)	
11	American Lit Survey (5) Journalism I (5) & II (5)	Algebra II (10) Pre-Calculus (10)	Physics (10) Chemistry (10)	US History (10) (Constitution)	PE Electives (10)	Any of the above plus Graphic Occupations Capstone (10) PLTW-Digital Electronics (10)	
12	Broadcast Journ (10) Career Writing (5)	Pre-Calculus (10) Intro to Stats & Calc (10) AP Calculus (10) AP Statistics (10) Computer Programming: Visual Basic (5)/Java (5)	Science Elective (10)	Political Science (5) Economics (5)	PE Electives (10)	Any of the above plus Consumer Ed (5) Internet Gaming* (20) Internship (5)	
<p>Note: Various course levels are available to meet these career and graduation requirements. See your counselor for more information on how this relates to your educational needs.</p>							

# Law, Public Safety, Corrections, & Security



Name \_\_\_\_\_

Counselor \_\_\_\_\_

School/College/University \_\_\_\_\_

## Law, Public Safety, Corrections & Security Career Cluster Plan of Study

GRADE	English	Math	Science	Social Studies	Physical Education and Health	Electives (Choose two or three per year)	SAMPLE Occupations Relating to This Career Cluster
Interest Inventory Administered and Plan of Study initiated for all Learners							
9	Freshman English (10)	Algebra I (10) Geometry (10)	Biology (10) Geoscience (10)	Geography (5)	Foundations of Fall (5)/ Spring PE (5) Drivers Ed (2.5)/ Personal Fitness (2.5)	OFCS-Personal Development & Foods (5) Bands (10)/Choirs (10) Visual Arts (5) World Language (10)	Attorney Bomb Technician Corrections Officer Court Reporter Criminal Investigator
10	Sophomore Comp (5) Sophomore Literature (5)	Geometry (10) Algebra II (10)	Biology (10) Chemistry (10) Geoscience (10)	World History (10) AP European History (10)	Health (5) Drivers Ed (2.5)/ Personal Fitness (2.5)	Any of the above plus Child Development (5)	EMT Federal Marshall Firefighter Gaming Surveillance Specialist Hazardous Materials Responder
11	American Lit Survey (5) Career Writing (5)	Algebra II (10) Pre-Calculus (10)	Physics (10) Chemistry (10) Environmental (10)	AP US History (10) (Constitution) Political Science (5) Economics (5) Sociology (5)	Strength & Conditioning (5) PE Lifeguard Training (5)	Any of the above plus Fire Science* (10) Basic Nurse Assistant* (10) Business Law (5)	Loss Prevention Specialist Paralegal Park Ranger Police and Patrol Officer Probation/Parole Officer Public Information Officer Security Director Youth Services Worker
12	College Bound Comp. (5) English Elective (5)	Pre-Calculus (10) Intro to Stats & Calc (10) AP Calculus (10) AP Statistics (10)	AP Environmental (10) Human Anatomy & Physiology (5) Forensics (5)	AP Psychology (10)	PE Electives (10)	Any of the above plus Consumer Ed (5) Fire Science Internship* (10) Criminal Justice* (10)	

**Note:** Various course levels are available to meet these career and graduation requirements.

See your counselor for more information on how this relates to your educational needs.

# Manufacturing



Name \_\_\_\_\_  
 Counselor \_\_\_\_\_  
 School/College/University \_\_\_\_\_

## Manufacturing Career Cluster Plan of Study

GRADE	English	Math	Science	Social Studies	Physical Education and Health	Electives (Choose two or three per year)	SAMPLE Occupations Relating to This Career Cluster
Interest Inventory Administered and Plan of Study Initiated for all Learners							
9	Freshman English (10)	Algebra I (10) Geometry (10)	Biology (10) Geoscience (10)	Geography (5)	Foundations of Fall (5)/ Spring PE (5) Drivers Ed (2.5)/ Personal Fitness (2.5)	OIT-Transportation & Production (5) Formalting (5) PLTW-Introduction to Engineering Design (10) Drafting (5) Bands (10)/Choirs (10) Visual Arts (5) World Language (10)	Assembler Boilermaker Design Engineer Environmental Engineer Foundry Worker Freight, Stock, and Material Mover Health and Safety Representative Industrial Machinery Mechanic Inspector
10	Sophomore Comp (5) Sophomore Literature (5)	Geometry (10) Algebra II (10)	Biology (10) Chemistry (10) Geoscience (10)	World History (10)	Health (5) Drivers Ed (2.5)/ Personal Fitness (2.5) PE Elective (5)	Any of the above plus Accounting I (10) Formalting (5) PLTW-Principles of Engineering (10) Auto Theory (5) Materials & Processes (5) Metals (5)/Woods (5)	Labor Relations Manager Logistician Manufacturing Technician Pattern and Model Maker Production Manager Quality Control Technician Safety Engineer SPC Coordinator Tool and Die Maker Traffic Manager Welder
11	American Lit Survey (5) English Elective (5)	Algebra II (10) Pre-Calculus (10)	Environmental Science (10) Physics (10)	US History (10) (Constitution) Political Science (5) Economics (5)	PE Electives (10)	Any of the above plus Accounting II (10) PLTW-Digital Electronics (10) PLTW-Civil Engineering & Architecture (10) PLTW-Computer Integrated Manu (10) Manu Occupations I (10) Woods (5) Cabinet Making (5) Intro to Building Trades (5)	
12	Career Writing (5) English Elective (5)	Pre-Calculus (10) Intro to Stats & Calc (10) AP Calculus (10) AP Statistics (10)	AP Environmental (10) AP Physics (10)	Psychology (5) Sociology (5)	PE Electives (10)	Any of the above plus Consumer Ed (5) Internship (5) Interrelated Occupations (20) Manufacturing Occupations II (10)	
<p>Note: Various course levels are available to meet these career and graduation requirements.            See your counselor for more information on how this relates to your education needs.</p>							

# Marketing, Sales, and Service



## Marketing, Sales & Service Career Cluster Plan of Study

Name \_\_\_\_\_

Counselor \_\_\_\_\_

School/College/University \_\_\_\_\_

GRADE	English	Math	Science	Social Studies	Physical Education and Health	Electives (Choose two or three per year)	SAMPLE Occupations Relating to This Career Cluster
Interest Inventory Administered and Plan of Study Initiated for all Learners Legend: * =McHenry County College Partnership							
9	Freshman English (10) Algebra I (10) Geometry (10)	Biology (10) Geoscience (10)	Geography (5)	Foundations of Fall (5)/ Spring PE (5) Drivers Ed (2.5)/ Personal Fitness (2.5)	Intro to Business: The Global Economy (5) Intro to Business: Operations & Finance (5) Business Computer Apps I (5) & II (5) Bands (10)/Choirs (10) Visual Arts (5) World Language (10)	Copywriter/Designer E-Commerce Director Entrepreneur Field Marketing Representative Forecasting Manager Interactive Media Specialist Inventory Manager/Analyst <b>Logistics Manager</b> Merchandise Buyer On-line Market Researcher Public Relations Manager Promotions Manager Retail Marketing Coordinator Sales Executive Shipping/Receiving Clerk Telemarketer Trade Show Manager Warehouse Manager Webmaster	
10	Sophomore Comp (5) Sophomore Literature (5) Algebra II (10)	Biology (10) Chemistry (10) Geoscience (10)	World History (10)	Health (5) Drivers Ed (2.5)/ Personal Fitness (2.5) PE Elective (5)	Any of the above plus Marketing (5) Retail Marketing (5) Accounting I (10)		
11	American Lit Survey (5) Journalism I (5) Journalism II (5)	Algebra II (10) Pre-Calculus (10)	Environmental Science (10) Physics (10)	US History (10) (Constitution) Political Science (5) Economics (5)	PE Electives (10)		
12	Broadcast Journ (10) Speech (5)	Pre-Calculus (10) Intro to Stats & Calc (10) AP Calculus (10) AP Statistics (10) Computer Programming: Visual Basic (5)/Java (5)	AP Environmental (10)	Psychology (5) Sociology (5) AP Macroeconomics (5) AP Microeconomics (5)	PE Electives (10)		
<p>Note: Various course levels are available to meet these career and graduation requirements. See your counselor for more information on how this relates to your education needs.</p>							

# Science, Technology, Engineering, & Mathematics



## Science, Technology, Engineering & Mathematics

### Career Cluster Plan of Study

Name \_\_\_\_\_

Counselor \_\_\_\_\_

School/College/University \_\_\_\_\_

GRADE	English	Math	Science	Social Studies	Physical Education and Health	Electives (Choose two or three per year)	SAMPLE Occupations Relating to This Career Cluster
Interest Inventory Administered and Plan of Study Initiated for all Learners Legend: * =McHenry County College Partnership							
9	Freshman English (10)	Algebra I (10) Geometry (10)	Biology (10) Geoscience (10)	Geography (5)	Foundations of Fall (5)/ Spring PE (5)/ Drivers Ed (2.5)/ Personal Fitness (2.5)	PL TW-Introduction to Engineering Design (10) Formatting (5) Business Computer Applications I (5) & II (5) Graphics (5) Bands (10)/Choirs (10) Visual Arts (5) World Language (10)	Aerospace Engineer Agricultural Engineer Analytical Chemist Anthropologist Architectural Engineer Astrophysicist Biomedical Engineer CAD Technician Civil Engineer Computer Programmer Ecologist Geologist Geothermal Engineer Math Teacher Mathematician Metallurgist Statistician Survey Technician Zoologist
10	Sophomore Comp (5) Sophomore Literature (5)	Geometry (10) Algebra II (10)	Biology (10) Chemistry (10) Geoscience (10)	World History (10)	Health (5) Drivers Ed (2.5)/ Personal Fitness (2.5) PE Elective (5)	Any of the above plus PL TW-Principles of Engineering (10) Intro to Building Trades (5) Accounting I (10)	
11	American Lit Survey (5) English Elective (5)	Algebra II (10) Pre-Calculus (10)	Environmental (10) Astronomy (10) Geology (10) Physics (10) Human Anatomy & Physiology (5) Forensics (5)	US History (10) (Consultation) Political Science (5) Economics (5)	PE Electives (10)	Any of the above plus PL TW-Digital Electronics (10) Accounting II (10) PL TW-Civil Engineering & Architecture (5) PL TW-Computer Integrated Manufacturing (5)	
12	College Bound Comp. (5) English Elective (5)	Pre-Calculus (10) Intro to Stats & Calc (10) AP Calculus (10) AP Statistics (10)	AP Physics (10) AP Environmental (10) AP Biology (16)	Psychology (5) Sociology (5) AP Macroeconomics (5) AP Microeconomics (5)	PE Electives (10)	Any of the above plus Consumer Ed (5)	
<p>Note: Various course levels are available to meet these career and graduation requirements. See your counselor for more information on how this relates to your educational needs.</p>							

# Transportation, Distribution, & Logistics



Name \_\_\_\_\_

Counselor \_\_\_\_\_

School/College/University \_\_\_\_\_

## Transportation, Distribution & Logistics

### Career Cluster Plan of Study

GRADE	English	Math	Science	Social Studies	Physical Education and Health	Electives (Choose two or three per year)	SAMPLE Occupations Relating to This Career Cluster
Interest Inventory Administered and Plan of Study Initiated for all Learners							
Legend: * =McHenry County College Partnership							
9	Freshman English (10) Algebra I (10) Geometry (10)	Biology (10) Geoscience (10)	Geography (5)	Foundations of Fall (5)/ Spring PE (5) Drivers Ed (2.5)/ Personal Fitness (2.5)	OIT-Transportation & Production (5) PLTW-Introduction to Engineering Design (10) Bands (10)/Choirs (10) Visual Arts (5) World Language (10)	Airplane Pilot/Co-Pilot Air Traffic Controller Automotive Technician Avionics Technician Cargo and Freight Agent Customs Inspector Environmental Manager Facility Engineer Industrial Equipment Mechanic Industrial and Packaging Engineer International Logistics Specialist Locomotive Engineer Marine Captain Port Manager Safety Analyst Storage and Distribution Manager Transportation Manager Truck Driver Urban and Regional Planner Warehouse Manager	
10	Sophomore Comp (5) Sophomore Literature (5) Algebra II (10)	Biology (10) Chemistry (10) Geoscience (10)	World History (10)	Health (5) Drivers Ed (2.5)/ Personal Fitness (2.5) PE Elective (5)	Any of the above plus Auto Theory Maintenance (5) PLTW-Principles of Engineering (10) Metals (5)	Any of the above plus Auto Occupations I (10) PLTW-Digital Electronics (10) PLTW-Civil Engineering & Architecture (5) PLTW-Computer Integrated Manufacturing (5) Manufacturing Occupations I (10)	
11	American Lit Survey (5) English Elective (5)	Algebra II (10) Pre-Calculus (10)	Environmental Science (10)	US History (10) (Constitution) Political Science (5) Economics (5)	PE Electives (10)	Any of the above plus Consumer Ed (5) Auto Occupations II (10) Manufacturing Occupations II (10) Internship (5)	
12	Career Writing (5) English Elective (5)	Pre-Calculus (10) Intro to Stats & Calc (10) AP Calculus (10) AP Statistics (10)	Physics (10)	Psychology (5) Sociology (5) AP Macroeconomics (5) AP Microeconomics (5)	PE Electives (10)		
<p>Note: Various course levels are available to meet these career and graduation requirements. See your counselor for more information on how this relates to your educational needs.</p>							

## Plan of Study Worksheet

Career Cluster Interest Area: \_\_\_\_\_

Name \_\_\_\_\_

Counselor \_\_\_\_\_

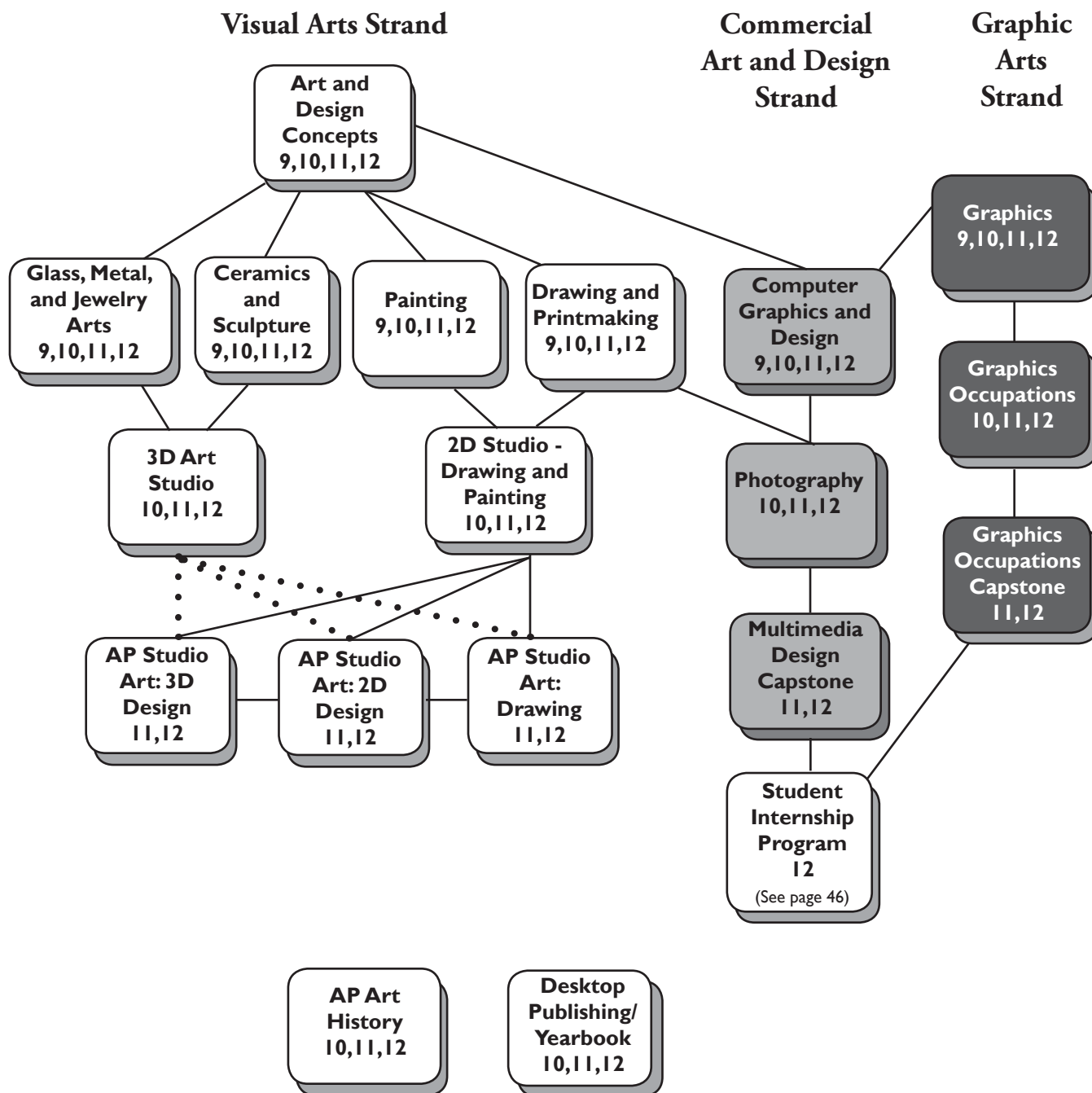
School/College/University \_\_\_\_\_

### Career Cluster Plan of Study

GRADE	English	Math	Science	Social Studies	Physical Education and Health	Electives (Choose two or three per year)	Career Options
9							
10							
11							
12							
Interest Inventory Administered and Plan of Study Initiated for all Learners							
Note: Various course levels are available to meet these career and graduation requirements. See your counselor for more information on how this relates to your education needs.							

# ART-VISUAL, COMMERCIAL, GRAPHIC ARTS

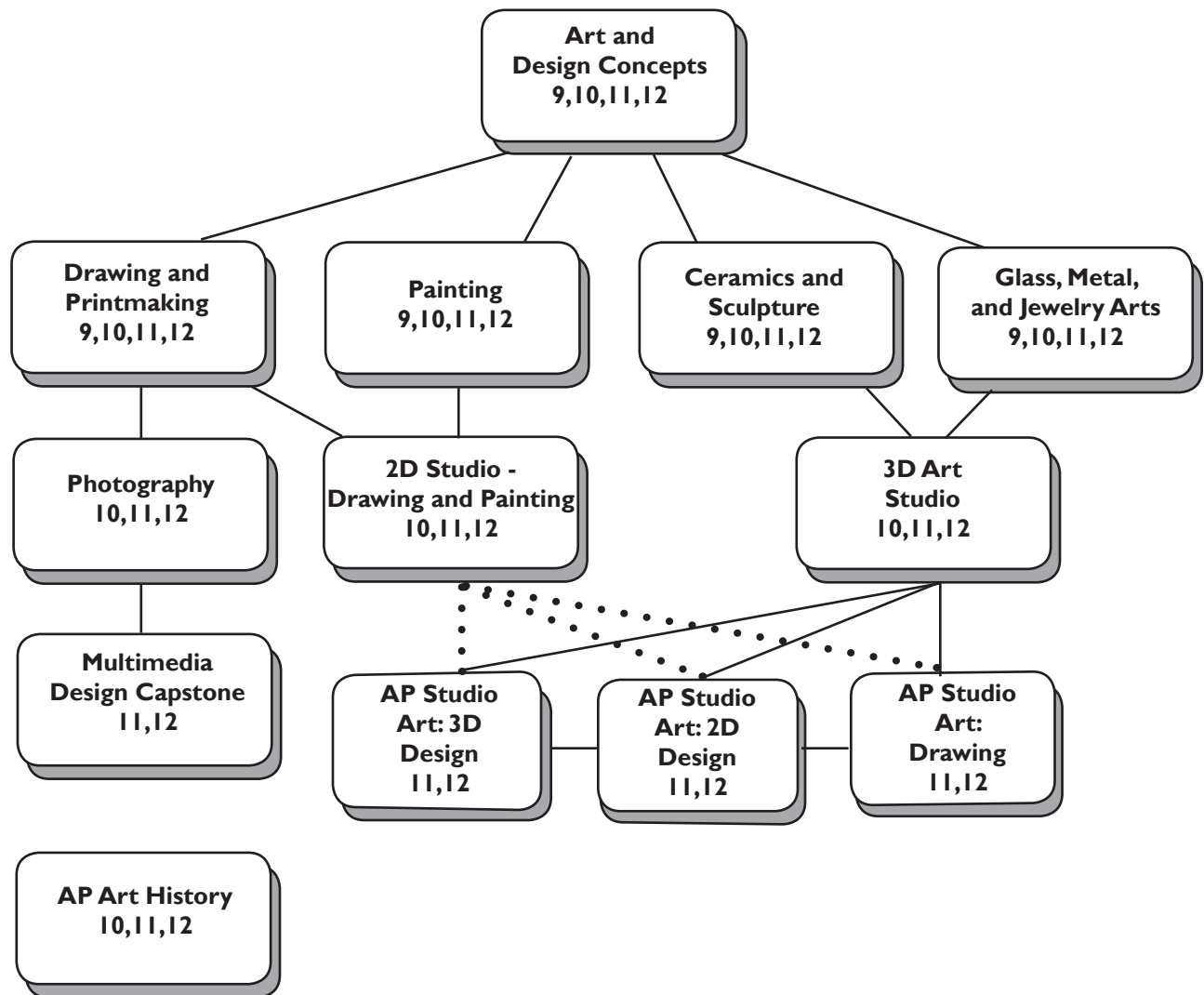
“Enhance your creativity.”



# ART-VISUAL, COMMERCIAL, GRAPHIC ARTS

## Visual Arts Strand

The Visual Art strand curriculum is designed to give students the opportunity to explore art media, to enhance their artistic skills, and to gain appreciation for art and art history. Art and Design Concepts is required so students will have a foundation in techniques and concepts to take advanced art classes. The upper-level art classes will expand upon concepts and further skill development. Career opportunities will be explored in the advanced classes.



# ART-VISUAL, COMMERCIAL, GRAPHIC ARTS

## **2502 ART AND DESIGN CONCEPTS (4)**

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 9,10,11,12

Students take Art and Design Concepts as a first step on a journey of self-exploration and expression through the visual arts. Assignments are the framework students use to solve problems in a visual realm. Students use a variety of media such as pencils, paint, clay, and more to build an understanding of the elements and principles of art. Students explore and construct art objects in both two and three dimensions. Students focus on the underlying elements and principles of art to refine their artistic expression. Art history, the process of critique, and the presentation of aesthetic issues encourage the use of abstract thought to bring comprehension of the fundamentals of art and design.

NOTE: Students may take a pre-requisite art course concurrently with advanced art classes with prior approval of the art department.

FEE: \$10.00

## **2506 CERAMICS AND SCULPTURE (4)**

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 9,10,11,12

PRE-REQUISITE: *Successful completion of 2502 ART AND DESIGN CONCEPTS is required. Students may take a pre-requisite art course concurrently with advanced art classes with prior approval of the art department.*

Students explore and learn a wide variety of basic concepts and hand-building techniques including coil construction, slab building, and pinch pots. Students will gain fundamental skills on the potter's wheel. Construction of objects, exploration of the firing of the kiln and the manufacture of glazes will be studied and practiced. Through critiques of their work, students learn and apply ceramics vocabulary. Additional sculptural media are explored. Ancient and modern day techniques and art history will be investigated.

FEE: \$25.00

## **2520 GLASS, METAL, AND JEWELRY ARTS (4)**

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 9,10,11,12

PRE-REQUISITE: *Successful completion of 2502 ART AND*

*DESIGN CONCEPTS is required. Students may take a pre-requisite art course concurrently with advanced art classes with prior approval of the art department.*

This course is designed to familiarize students with basic glass and metal techniques and processes involved in the design of fine art glass, jewelry and metal objects. Students will be instructed in various methods of design, research and observation. Historical and contemporary works will be explored. Students can make rings, bracelets, neckpieces, containers, and other hollow ware, as well as three-dimensional non-functional objects, and sculpture from the point of view of the glassmaker and metal smith. Students will be working with glass, silver, copper, brass, nickel, iron, and pewter.

FEE: \$35.00

## **2522 DRAWING AND PRINTMAKING (4)**

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 9,10,11,12

PRE-REQUISITE: *Successful completion of 2502 ART AND DESIGN CONCEPTS is required. Students may take a pre-requisite art course concurrently with advanced art classes with prior approval of the art department.*

This course is designed to develop the student's ability to draw from observation using a wide variety of materials and techniques. Media include pencil, chalk, charcoal, and pastels. Figure drawing, abstraction and realism will be explored. Techniques and appreciation of historical styles will be covered. The concepts of relief printing will be introduced. Students will work with linoleum cuts, etching and lithography. Students learn how to use a sketchbook for experimentation, practice, and development of ideas.

FEE: \$10.00

## **2525 PAINTING (4)**

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 9,10,11,12

PRE-REQUISITE: *Successful completion of 2502 ART AND DESIGN CONCEPTS is required. Students may take a pre-requisite art course concurrently with advanced art classes with prior approval of the art department.*

This course provides the student with the basic understandings

# ART-VISUAL, COMMERCIAL, GRAPHIC ARTS

of the tools, techniques, processes, and language relative to water-based paint media, including watercolors and acrylics. Students will synthesize these understandings into individual paintings and media studies. Learners integrate and build upon their knowledge of color theory, composition, and drawing to create paintings of subjects in traditional and abstract styles.

FEE: \$15.00

## **2512 PHOTOGRAPHY (4)** SEMESTER COURSE 5 SEM HOURS OPEN TO: 10,11,12

*PRE-REQUISITE: Successful completion of 2502 ART AND DESIGN CONCEPTS and either 2522 DRAWING AND PRINTMAKING or 4546 COMPUTER GRAPHICS AND DESIGN or 4544 GRAPHICS and 4546 COMPUTER GRAPHICS AND DESIGN. Students may take a pre-requisite art course concurrently with advanced art classes with prior approval of the art department.*

In this course, students will acquire familiarity with the processes and aesthetic considerations of the photography medium. The program investigates basic technical instruction and creative problem solving methods for black-and-white and digital photography. Instruction in camera operation, film processing, printmaking, presentation, and photography software programs are the main areas of concentration. In addition to lab work, essays, critiques, and reviews deal with contemporary issues and the prominent figures throughout the history of the medium. This course will examine photography both as a fine art and through career and vocational applications. Students will investigate the concept of the fine print, experiment with different films and papers, utilize computer software to work with photographs, and employ more extensive manipulation of images. Students should have access to a 35mm camera and/or a digital camera.

FEE: \$35.00

## **2560 MULTIMEDIA DESIGN CAPSTONE (4)** SEMESTER COURSE 5 SEM HOURS OPEN TO: 11,12

*PRE-REQUISITE: Successful completion of 2512 PHOTOGRAPHY. Students may take a pre-requisite art course concurrently with advanced art classes with prior approval of the art department.*

In this course, students will be introduced to advanced digital computer programs that are used for commercial design,

graphics, video editing, web page production, and animation. Students will also learn sound editing techniques and produce a portfolio. Projects will incorporate several multimedia components such as audio, video, and digital photography. The use of technology, lighting, video equipment, and sequencing in time-based media will be covered. This course will include units in career awareness such as commercial graphics, fine art, animation, web design, and videography.

FEE: \$25.00

## **2531 2D STUDIO - DRAWING AND PAINTING (4)** SEMESTER COURSE 5 SEM HOURS OPEN TO: 10, 11,12

*PRE-REQUISITE: Successful completion of 2502 ART AND DESIGN CONCEPTS, and either 2522 DRAWING AND PRINTMAKING or 2525 PAINTING. Students may take 2531 2D STUDIO - DRAWING & PAINTING concurrently with 2522 DRAWING AND PRINTMAKING or 2525 PAINTING. Students may take a pre-requisite art course concurrently with advanced art classes with prior approval of the art department.*

This is a single course that incorporates the two separate, creative disciplines into one class for advanced study. Advanced techniques and methods in drawing and painting media will be explored. The materials to be used in the course include pencils, charcoal, ink, watercolor, and acrylic. Demonstrations, critiques and discussions of art history will be an integral part of the course. Students will build upon their 2D skills from previous classes.

FEE: \$15.00

## **2533 3D ART STUDIO (4)** SEMESTER COURSE 5 SEM HOURS OPEN TO: 10,11,12

*PRE-REQUISITE: Successful completion of 2502 ART AND DESIGN CONCEPTS and either 2506 CERAMICS AND SCULPTURE or 2520 GLASS, METAL, AND JEWELRY ARTS. Students may take 2533 3D ART STUDIO concurrently with 2506 CERAMICS AND SCULPTURE or 2520 GLASS, METAL, AND JEWELRY ARTS. Students may take a pre-requisite art course concurrently with advanced art classes with prior approval of the art department.*

Students will learn advanced sculptural techniques. They will also expand upon techniques and processes learned in previous 3D coursework. The students will work on concepts, such as abstract sculpture, symbolism and expressionism and

# ART-VISUAL, COMMERCIAL, GRAPHIC ARTS

advanced processes, such as glass, jewelry making, papermaking, advanced ceramics, and molds. Students will build upon their 3D skills from previous classes.

FEE: \$25.00

## **2515 AP STUDIO ART: DRAWING (5)** YEAR COURSE 10 SEM HOURS OPEN TO: 11,12

*PRE-REQUISITE: Students must successfully complete 2531 2D STUDIO - DRAWING AND PAINTING or 2533 3D ART STUDIO. NOTE: Students may take a pre-requisite art course concurrently with advanced art classes with prior approval of the art department.*

This course provides accelerated students with a challenging program of college-level work in studio art with an emphasis on drawing. Prior to the end of the academic year, a portfolio of approximately 44-46 pieces will be submitted to the College Board for evaluation and possible college credit. This advanced placement program course requires more time and commitment than typical high school art courses. Therefore, the students enrolling in this course should be highly motivated, serious, self-directed, and willing to work. Students interested in this course need to submit a portfolio of eight pieces to the Art Department.

NOTE: This course may be repeated once for credit.

## **2516 AP STUDIO ART: 2D DESIGN (5)** YEAR COURSE 10 SEM HOURS OPEN TO: 11,12

*PRE-REQUISITE: Students must successfully complete 2531 2D STUDIO - DRAWING AND PAINTING or 2533 3D ART STUDIO. Students may take a pre-requisite art course concurrently with advanced art classes with prior approval of the art department.*

This course provides accelerated students with a challenging program of college-level work in studio art with an emphasis on two-dimensional design. Prior to the end of the academic year, a portfolio of approximately 44-46 pieces will be submitted to the College Board for evaluation and possible college credit. This advanced placement program course requires more time and commitment than typical high school art courses. Therefore, the students enrolling in this course should be highly motivated, serious, self-directed, and willing to work.

Students interested in this course need to submit a portfolio of eight pieces to the Art Department.

NOTE: This course may be repeated once for credit.

## **2517 AP STUDIO ART: 3D DESIGN (5)** YEAR COURSE 10 SEM HOURS OPEN TO: 11,12

*PRE-REQUISITE: Students must successfully complete 2531 2D STUDIO - DRAWING AND PAINTING or 2533 3D ART STUDIO. Students may take a pre-requisite art course concurrently with advanced art classes with prior approval of the art department.*

This course provides accelerated students with a challenging program of college-level work in studio art with an emphasis on three-dimensional design. Prior to the end of the academic year, a portfolio of approximately 44-46 pieces will be submitted to the College Board for evaluation and possible college credit. This advanced placement program course requires more time and commitment than typical high school art courses. Therefore, the students enrolling in this course should be highly motivated, serious, self-directed, and willing to work. Students interested in this course need to submit a portfolio of eight pieces to the Art Department.

NOTE: This course may be repeated once for credit.

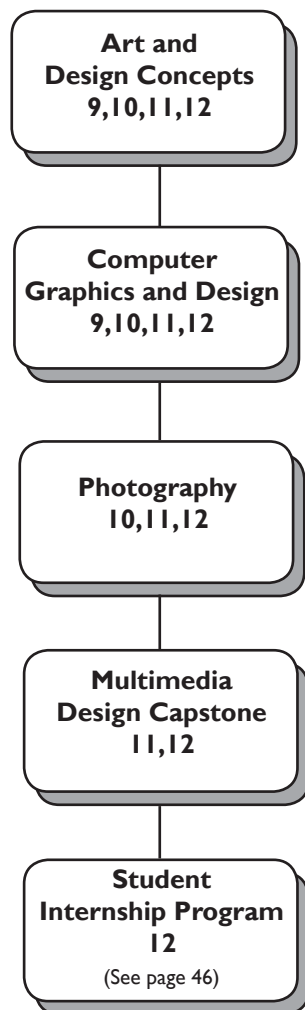
## **2510 AP ART HISTORY (5)** YEAR COURSE 10 SEM HOURS OPEN TO: 10,11,12

This course provides a survey of the history and importance of art from pre-historic to present time. The first semester course of study begins with the Northern Renaissance and concludes with a study of contemporary art. Students may have opportunities to attend field trips to Chicago museums and galleries, deepening their knowledge and perspective. Methods of analyzing and evaluating works of art will be introduced. The course does not require students to have prior training in art, rather a high degree of commitment to academic work and to the purposes of a program designed to meet college standards.

# ART-VISUAL, COMMERCIAL, GRAPHIC ARTS

## Commercial Art and Design Strand

The Commercial Art and Design program offers a curriculum that enables students to explore the commercial art and design industry. Students will learn the fundamentals of art and design, computer graphics and design, photography, multimedia, and, if desired, a student may partake in an internship. The courses offered in this strand examine art and design history, theory, and practice. Guiding students through these hands-on classes will help prepare them for a career in the visual arts and commercial design fields. Student internships are encouraged to expand and deepen student understanding of the industry.



### 2502 ART AND DESIGN CONCEPTS (4)

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 9,10,11,12

Students take Art and Design Concepts as a first step on a journey of self-exploration and expression through the visual arts. Assignments are the framework students use to solve problems in a visual realm. Students use a variety of media such as pencils, paint, clay, and more to build an understanding of the elements and principles of art. Students explore and construct art objects in both two and three dimensions. Students focus on the underlying elements and principles of art to refine their artistic expression. Art history, the process of critique, and the presentation of aesthetic issues encourage the use of abstract thought to bring comprehension of the fundamentals of art and design.

NOTE: Students may take a pre-requisite art course concurrently with advanced art classes with prior approval of the art department.

FEE: \$10.00

### 4546 COMPUTER GRAPHICS AND DESIGN (4)

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 9, 10,11,12

PRE-REQUISITE: *Successful completion of 2502 ART AND DESIGN CONCEPTS or 4544 GRAPHICS*

This course will allow students to gain an appreciation and understanding of how the computer is used as a commercial art and graphics layout tool. Students will gain valuable lab experiences in multimedia, desktop publishing, computer art and graphics, computer imaging, scanning and a variety of other computer graphic applications. . Students interested in a career in graphics, advertising, printing, or other related fields will find this course valuable.

FEE: \$20.00

### 2512 PHOTOGRAPHY (4)

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 10,11,12

PRE-REQUISITE: *Successful completion of 2502 ART AND DESIGN CONCEPTS and either 2522 DRAWING AND PRINTMAKING or 4546 COMPUTER GRAPHICS AND DESIGN or 4544 GRAPHICS and 4546 COMPUTER*

# ART-VISUAL, COMMERCIAL, GRAPHIC ARTS

*GRAPHICS AND DESIGN. Students may take a pre-requisite art course concurrently with advanced art classes with prior approval of the art department.*

In this course, students will acquire familiarity with the processes and aesthetic considerations of the photography medium. The program investigates basic technical instruction and creative problem-solving methods for black-and-white and digital photography. Instruction in camera operation, film processing, printmaking, presentation, and photography software programs are the main areas of concentration. In addition to lab work, essays, critiques, and reviews, students will learn about contemporary issues and prominent figures throughout the history of the medium. This course will examine photography both as a fine art and through career and vocational applications. Students will investigate the concept of the fine print, experiment with different films and papers, utilize computer software to work with photographs, and employ more extensive manipulation of images. Students should have access to a 35mm camera and/or a digital camera.

FEE: \$35.00

## 2560 MULTIMEDIA DESIGN CAPSTONE (4)

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 11,12

*PRE-REQUISITE: Successful completion of 2512 PHOTOGRAPHY. Students may take a pre-requisite art course concurrently with advanced art classes with prior approval of the art department.*

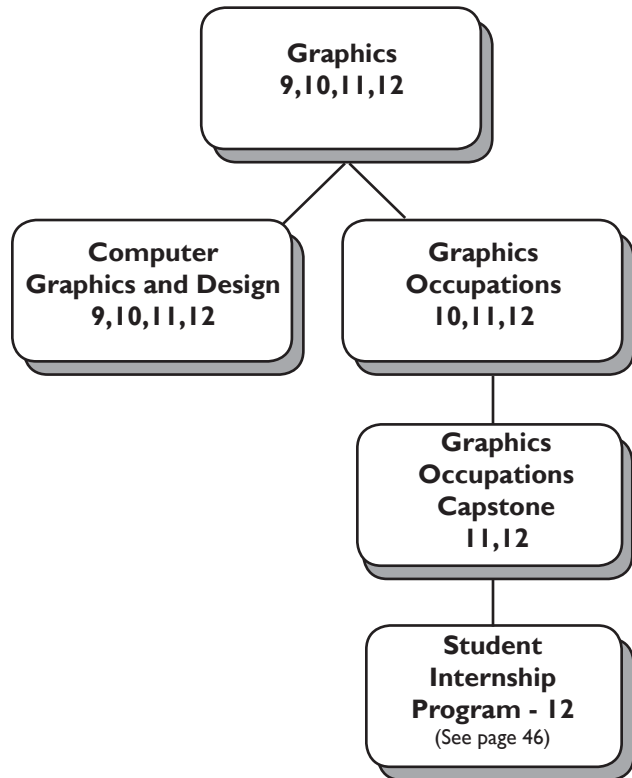
In this course, students will be introduced to advanced digital computer programs that are used for commercial design, graphics, video editing, web page production, and animation. Students will also learn sound editing techniques and produce a portfolio. Projects will incorporate several multimedia components such as audio, video, and digital photography. The use of technology, lighting, video equipment, and sequencing in time-based media will be covered. This course will include units in career awareness such as commercial graphics, fine art, animation, web design, and videography.

FEE: \$25.00

Students completing a career-course sequence in the Graphic Arts Strand are eligible to receive articulated college credit through local community colleges for course-work completed at WHS or WNHS. See page 5, "Articulated Credit," for additional information.

## Graphic Arts Strand

The Graphic Arts program has a comprehensive curriculum that allows students to investigate and learn graphics, computer graphics, desktop publishing, and graphic occupations. Additionally, the program prepares students for a career in the design/printing industry. The courses are designed to cover history, theory, and common practices found in the industry. A hands-on environment is utilized for curriculum delivery. Career opportunities are explored in all graphics courses. Student internships are encouraged to deepen student understanding of the industry.



## 4544 GRAPHICS (4)

SEMESTER COURSE

48G345 9,10

48G147 11,12

5 SEM HOURS

OPEN TO: 9, 10,11,12

This course is designed to acquaint students with graphic/visual communications. It will involve students in layout and design, computer imaging, platemaking, offset press operation, bindery operations, screen process printing, and basic black and white (continuous tone) photography, and/or other related processes will be explored. This course lays the foundation for a student's development in the graphic communication area. The curriculum will include the history of each area of study and the technological impact on our industrial society.

FEE: \$30.00

# ART-VISUAL, COMMERCIAL, GRAPHIC ARTS

**4546 COMPUTER GRAPHICS AND DESIGN (4)**  
SEMESTER COURSE  
48G350  
5 SEM HOURS  
OPEN TO: 9, 10,11,12

PRE-REQUISITE: *Successful completion of 2502 ART AND DESIGN CONCEPTS or 4544 GRAPHICS*

This course will allow students to gain an understanding of how the computer is used as a commercial art and graphics layout tool. Students will gain valuable lab experiences in multimedia, desktop publishing, computer art and graphics, computer imaging, scanning, and a variety of other computer related graphic applications. Students interested in a career in graphics, advertising, printing, or other related fields will find this course valuable.

FEE: \$20.00

**4552 GRAPHIC OCCUPATIONS (4)**  
YEAR COURSE  
48G150  
10 SEM HOURS  
OPEN TO: 10, 11,12

PRE-REQUISITE: *A recommended grade of C or better in 4544 GRAPHICS as well as a recommendation of department*

This skill level course includes techniques in both offset lithography as well as the screen printing process. Students will perform extensive layout and design work, including work with desktop publishing. Instruction includes use of color, balance and proportion in design, three-dimensional visualization, sketching, and design procedures. Activities assist students to become knowledgeable of principles and methods and technical skills related to graphic arts. Students study the graphic arts industry in depth and acquire advanced skills in design and layout. Students will study advanced printing processes not covered in 4544 GRAPHICS. When doing production work, students may need to assist during their free time to accommodate production schedules and deadlines.

NOTE: While not a pre-requisite, 4546 COMPUTER GRAPHICS AND DESIGN is recommended to be taken either before or during the year the student is enrolled in 4552 GRAPHIC OCCUPATIONS.

FEE: Not to exceed \$50.00 - fee is based on the individual student's project.

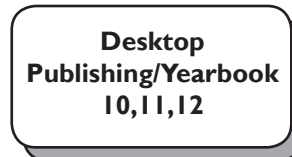
**4556 GRAPHIC OCCUPATIONS CAPSTONE (4)**  
YEAR COURSE  
48G160  
10 SEM HOURS  
OPEN TO: 11, 12

PRE-REQUISITE: *A recommended grade of C or better in 4552 GRAPHIC OCCUPATIONS as well as a recommendation of department*

This individual advanced study course is designed for the student who is interested in graphic arts as a career. The student must be able to work independently and cooperatively with customers and students. Emphasis will be placed on lithographic printing and screen process reproduction. Content includes career education opportunities, planning for the future, job-seeking skills, personal development, human relationships, legal protection and responsibilities, economics and the job, organizations, and job termination. The class is designed to simulate printing production as it would be done in the graphics field. A contract between the instructor and student spelling out objectives of the course will be kept on file. Student classroom experiences will be documented by designated tasks, including employability skills as well as occupational specific tasks. Some out-of-class time may be necessary. This time will be in addition to the normal class hours.

FEE: Not to exceed \$50.00 - fee is based on the individual student's project.

## Desktop Publishing/Yearbook



**9511 DESKTOP PUBLISHING FOR YEARBOOK (4)**  
SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 10,11,12

Students assume assigned staff positions for production of the yearbook. Students will review and plan their individual spreads of the yearbook and do all scheduling necessary for photography, copy writing, layouts, and deadlines. Students will also work directly with the school's website to provide up-to-date information for the public. Graphic work and journalistic layout will be composed on the computer for efficient production. Students will help with the selling of advertisements and fundraising activities for the creation of the yearbook. Students will be required to schedule some out-of-class time, often after school, in order to meet yearbook deadlines.

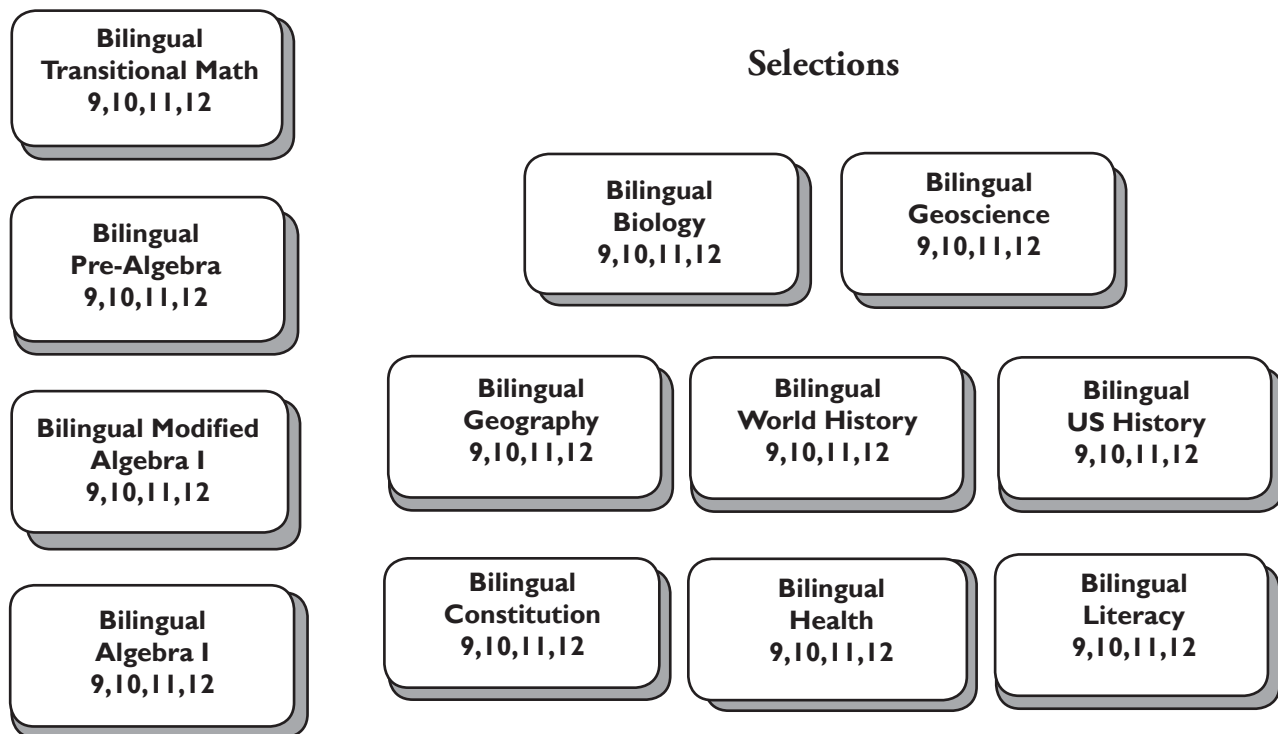
NOTE: Students may repeat this course once for credit.

# BILINGUAL EDUCATION

**“All things are possible until they are proved impossible - even the impossible may only be so as of now.”** Pearl S. Buck

Bilingual Education provides Spanish-speaking students who have limited English skills the opportunity to take some mathematics, science and social studies coursework in their native language. While taught in Spanish, English is also used when appropriate. Students study the same basic curriculum in Bilingual Education courses as in regular courses. Students are placed in all Bilingual Education courses according to Spanish skills, English skills and subject area background.

NOTE: Bilingual classes do not qualify as NCAA core courses; however, advanced Bilingual courses may be used but must be reviewed on a case-by-case basis. Any student who wishes to have advanced Bilingual courses considered when determining his or her initial eligibility must contact the institution he or she will be attending in order to begin the approval process.



**7356 BILINGUAL TRANSITIONAL MATH (4)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9,10,11,12

The purpose of this course is to equip the student with enough mathematics and geometry knowledge to be able to cope with the 7353 BILINGUAL PRE-ALGEBRA course. Calculator operation and use will be emphasized.

**7353 BILINGUAL PRE-ALGEBRA (4)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9,10,11,12

This is a course for students who have not yet developed the skills necessary for a successful experience in algebra. This course reviews the operations of whole numbers, fractions and decimals. The topics of positive and negative numbers, percents, ratios, proportions, metric, and geometric formulas are studied. The solution of basic linear equations is emphasized.

# BILINGUAL EDUCATION

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## **7355 BILINGUAL MODIFIED ALGEBRA I (4)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9,10,11,12

This course covers the same topics as 7354 BILINGUAL ALGEBRA. The pace is adjusted to suit the student who needs more time to develop the basic concepts as well as to provide additional practice and review on each concept.

## **7354 BILINGUAL ALGEBRA I (4)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9,10,11,12

This course emphasizes the five main commands of algebra: simplify, solve, evaluate, factor and graph. Simplifying involves operations using signed numbers, polynomials, algebraic fractions, and irrational numbers. Solving includes simple and complex equations and inequalities, along with particular weight given to word problems. Evaluating algebraic expressions will be emphasized. Factoring of binomials and trinomials will be done. Graphing of linear and quadratic equations is also part of this course.

NOTE: A scientific calculator is required

## **7365 BILINGUAL BIOLOGY (4)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9,10,11,12

This course is a survey of life sciences. Areas of study include cellular biology, simple and complex plants, simple and complex animals, human biology, and some basic genetics. The use of the microscope, lab dissections, and other laboratory activities are important parts of this course.

## **7360 BILINGUAL GEOSCIENCE (4)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9,10,11,12  
NOT OFFERED IN 2008-2009

This is a laboratory and field course that introduces students to the areas of geology, astronomy, oceanography and meteorology. An emphasis is placed on relating and applying scientific methods to today's environmental problems.

## **7375 BILINGUAL CONSTITUTION (4)**

SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 9,10,11,12

This course centers around the study of the federal and state Constitutions. Emphasis is placed on the principles of American government. These principles are applied to help understand modern America. The legislative, executive, judicial branches, the electoral processes, and the Bill of Rights are discussed with the intent of stressing their importance to all students in exercising their rights and responsibilities of citizenship.

NOTE: Successful completion or proficiency of this course is required for graduation.

## **7340 BILINGUAL HEALTH (4)**

SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 10,11,12

Students will study values and value clarification, tobacco, mood modifiers, such as alcohol, stimulants, depressants, narcotics, and hallucinogens. Human sexuality, nutrition, exercise and weight control, disease prevention and control, mental and emotional health, and first aid will also be taught. Information is presented with the goal that students make intelligent personal decisions based on facts.

NOTE: Successful completion of this course is required for graduation.

NOTE: Parents may request alternate assignments for the unit on human sexuality. A parent must submit a request in writing and communicate with the health teacher to obtain the alternate assignment.

## **7345 BILINGUAL LITERACY (4)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9,10,11,12

Students will improve skills in writing, speaking, and reading in both Spanish and English. They will apply these skills to other courses in the bilingual curriculum.

# BILINGUAL EDUCATION

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## **7335 BILINGUAL GEOGRAPHY (4)**

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 9,10,11,12

The need for geographic literacy has never been greater or more obvious than in today's tightly interrelated world. Students will understand the world's physical features, how they blend with social systems, and how they affect economies, politics, and human interaction. The students will learn to grasp geography and its effect on individuals and societies; they will know the broad concepts of spatial patterns, mapping, population, and physical systems: land, air, and water.

NOTE: Beginning with the class of 2012, successful completion of this course is required for graduation.

## **7380 BILINGUAL US HISTORY (4)**

YEAR COURSE

10 SEM HOURS

OPEN TO: 9,10,11,12

NOT OFFERED IN 2008-2009

This course covers the full range of American history from pre-Colonial times to the present using a topical approach. Emphasis is placed upon the development of the student's potential to research and analyze historical resources. Students will analyze the cause and effect relationship of the past to the present.

NOTE: Successful completion of this course is required for graduation.

## **7370 BILINGUAL WORLD HISTORY (4)**

YEAR COURSE

10 SEM HOURS

OPEN TO: 9,10,11,12

Students study Western civilization from its beginnings to the present time. Topics studied include religion, power, economics, nationalism, imperialism, the quest for knowledge, and war and peace. World problems of today and their historical origins are discussed. Students study the key social, economic, and political developments of humankind. A review of the geography of the areas discussed is included. Students are expected to do research work.

NOTE: Successful completion of this course is required for graduation.

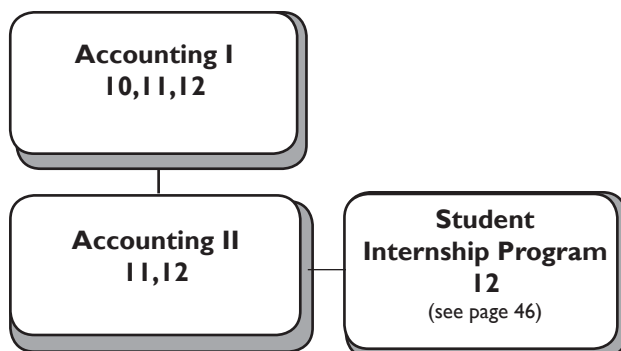
# CAREER AND TECHNOLOGY EDUCATION

## BUSINESS

### “A gateway to professional careers.”

The Business Education curriculum has been organized to offer courses that develop and improve skills for both the college-bound and vocationally-oriented student. Skills in computer applications and accounting are taught. Students are also introduced to marketing and business law concepts. Students should carefully check the pre-requisites for courses as a program is built.

#### Accounting



**3542 ACCOUNTING I (4)**  
 YEAR COURSE  
 (CIP) 07B110  
 10 SEM HOURS  
 OPEN TO: 10,11,12

PRE-REQUISITE: Ideally, *sophomores will have completed 0526 ALGEBRA with a grade of B- or better or 0532 INTEGRATED GEOMETRY H with a grade of C or better.*

This course develops knowledge of basic accounting fundamentals and terminology and explains how to maintain, summarize, and interpret financial records using the theory of double-entry accounting through projects, practice simulations, and computer activities. The preparation of financial budgets will be included as well as the integrated use of computer applications including Automated Accounting software. This is an important college preparatory course for students planning to major in business.

NOTE: Completion of this course with a grade of *B* or better will result in articulated college credits at McHenry County College.

Fee: \$10.00

Students completing a career-course sequence in this department are eligible to receive articulated college credit through local community colleges for course-work completed at WHS or WNHS. See page 5, "Articulated Credit," for additional information.

**3554 ACCOUNTING II (5)**  
 YEAR COURSE  
 (CIP) 07A115  
 10 SEM HOURS  
 OPEN TO: 11,12

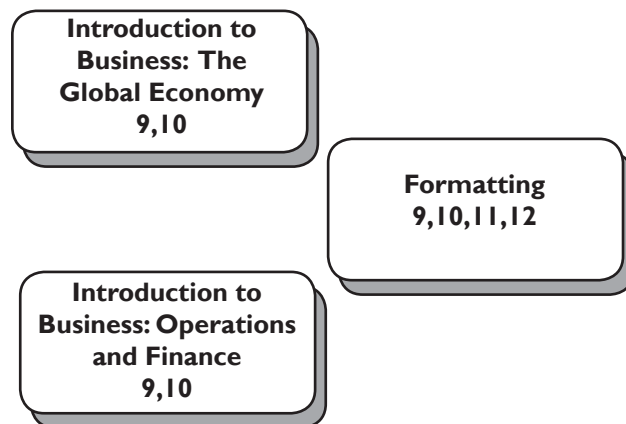
PRE-REQUISITE: *A grade of C or better in 3542 ACCOUNTING I is recommended.*

This course provides a continuation and more in-depth study of generally accepted principles and concepts introduced in 3542 ACCOUNTING I. More emphasis will be placed on financial statements, accounting records, discussions, case problems, practice sets, and computerized accounting.

NOTE: Completion of this course with a grade of *B* or better will result in articulated college credits at McHenry County College.

Fee: \$10.00

#### Business Orientation



**3502 INTRODUCTION TO BUSINESS:  
 THE GLOBAL ECONOMY (4)**  
 SEMESTER COURSE (FALL ONLY)  
 (CIP) 07B310  
 5 SEM HOURS  
 OPEN TO: 9,10

An appreciation for our American business system is developed, along with basic business and economic principles.

# CAREER AND TECHNOLOGY EDUCATION

Various business careers and their related skills are explored in areas such as international business, elements of business ownership, accounting, and business law. Students will have the opportunity to assess their own interests and aptitudes and develop possible career goals in the area of business. Listening, reading, and writing skills are also developed

## **3503 INTRODUCTION TO BUSINESS: OPERATIONS AND FINANCE (4)**

SEMESTER COURSE (SPRING ONLY)

(CIP) 07B310

5 SEM HOURS

OPEN TO: 9,10

Students explore occupational opportunities in the business communication and computation fields, as well as financial management, human resources management, and marketing. Students will learn to keep track of financial transactions including checking accounts, budgeting and tax computation. Students will have the opportunity to participate in mock job interviews. Listening, reading, and writing skills are further enhanced.

## **3506 FORMATTING (4)**

SEMESTER COURSE

(CIP) 07B315

5 SEM HOURS

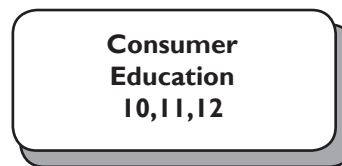
OPEN TO: 9,10,11,12

PRE-REQUISITIE: *Keyboarding proficiency*

Students continue to develop keyboarding speed and accuracy necessary for business careers. Production skills are emphasized in a variety of styles for memorandums, letters, reports, and tables. In depth study of *Microsoft Word* will take place. This is an essential course for students planning a career in administrative assistance and information processing occupations.

Some students may be identified by the instructor during the first few weeks of the course as having major difficulties with keyboarding skills. In some cases these students will be approved by the instructor and counselor to take the course called 3508 COMPUTER SKILLS. This course will meet the pre-requisite for 3506 FORMATTING and 3517 BUSINESS COMPUTER APPLICATIONS I.

## **Consumer Education**



## **6502 CONSUMER EDUCATION (4)**

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 10,11,12

Emphasis is placed on improving the student's consumer buying, money management skills, and financial literacy skills. This course is designed to meet state requirements by including the topics of comparison shopping, installment buying, budgeting, and the free enterprise system. Other subject areas studied include advertising, consumer fraud, food, clothing, housing, transportation, banking, investments, insurance and taxes.

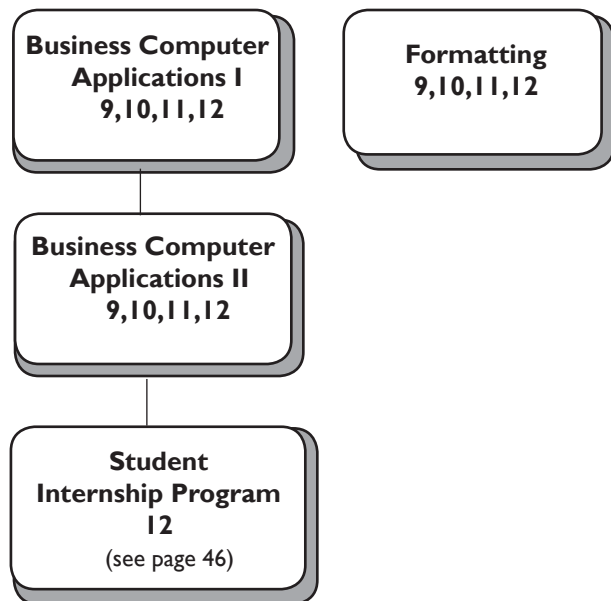
NOTE: Successful completion of this course is required for graduation.

NOTE: Some students in either the class of 2011 or 2012 may have previously passed this course during summer school for 2.5 credit hours or opted out of the class by passing the Consumer Education proficiency exam. Both of these situations fulfill the requirement necessary for graduation.

Students completing a career-course sequence in this department are eligible to receive articulated college credit through local community colleges for course-work completed at WHS or WNHS. See page 5, "Articulated Credit," for additional information.

# CAREER AND TECHNOLOGY EDUCATION

## Information Processing



**3517 BUSINESS COMPUTER APPLICATIONS I (4)**  
SEMESTER COURSE  
(CIP) 07B125  
5 SEM HOURS  
OPEN TO: 9,10,11,12

PRE-REQUISITE: *Keyboarding proficiency*

Students will explore the *Microsoft Office* software package and build upon their current computer literacy skills. The course content will include nine weeks of study on Word and nine weeks on Excel. With this amount of time, students will be able to learn features of software programs most commonly used in business from the most basic to advanced levels. Internet usage will also be a key factor. Students will learn how to use search engines effectively and efficiently.

Some students may be identified by the instructor during the first few weeks of the course as having major difficulties with keyboarding skills. These students may be approved by the instructor and counselor to take course 3508 COMPUTER SKILLS. This course will meet the pre-requisite for 3506 FORMATTING and 3517 BUSINESS COMPUTER APPLICATIONS I.

**3519 BUSINESS COMPUTER APPLICATIONS II (4)**  
SEMESTER COURSE  
(CIP) 07B326  
5 SEM HOURS  
OPEN TO: 9,10,11,12

PRE-REQUISITE: *Completion of 3517 BUSINESS COMPUTER APPLICATIONS I with a recommended grade of C or better*

Students will continue to develop practical skills using the computer and *Microsoft Office 2000* for business applications. Students will obtain in-depth studies on the Office package from the basics to more advanced features. Integration of Office programs will also be emphasized. Programs include PowerPoint, Access, Internet Explorer, and a variety of web publishers. Students will be creating and maintaining web pages for personal and professional use.

NOTE: Completion of this course with a *B* or better will result in articulated college credits at McHenry County College.

**3506 FORMATTING (4)**  
SEMESTER COURSE  
(CIP) 07B315  
5 SEM HOURS  
OPEN TO: 9,10,11,12

PRE-REQUISITE: *Keyboarding proficiency*

Students continue to develop keyboarding speed and accuracy necessary for business careers. Production skills are emphasized in a variety of styles for memorandums, letters, reports, and tables. In depth study of *Microsoft Word* will take place. This is an essential course for students planning a career in administrative assistance and information processing occupations.

Some students may be identified by the instructor during the first few weeks of the course as having major difficulties with keyboarding skills. In some cases these students will be approved by the instructor and counselor to take the course called 3508 COMPUTER SKILLS. This course will meet the pre-requisite for 3506 FORMATTING and 3517 BUSINESS COMPUTER APPLICATIONS I.

# CAREER AND TECHNOLOGY EDUCATION

## Internship/Work Experience

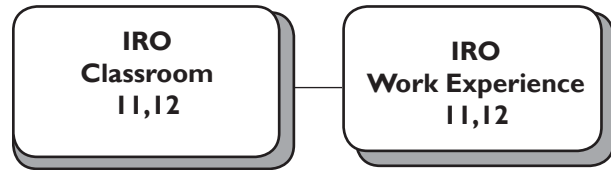


**3571 STUDENT INTERNSHIP PROGRAM (4)**  
SEMESTER OR YEAR COURSE  
(CIP) 001800  
5 HOURS PER SEM  
OPEN TO: 11,12

*PRE-REQUISITE: Completion of advanced course work in business, foods, child care, automotive, drafting, graphic arts, manufacturing, woods, and plastics, or as an opportunity to pursue a career in a program not offered at WHS or WNHS. Students are selected on a competitive basis. The selection process is based on grade point average, attendance record, teacher recommendation and work site availability. Students must provide their own transportation.*

This course is designed to give students a paid, structured work-site learning experience. Student interns are assigned to a mentor in a local business as an extension of their advanced coursework. The educational component of this course requires between 10 and 15 hours of work per week.

## Interrelated Occupations (IRO)



**3594 INTERRELATED OCCUPATIONS -  
CLASSROOM (4)**  
**3592 INTERRELATED OCCUPATIONS -  
WORK EXPERIENCE (4)**  
YEAR COURSE  
(CIP) 001900  
10 HOURS FOR THE CLASS  
10 HOURS FOR WORK EXPERIENCE  
OPEN TO: 11,12

*PRE-REQUISITE: Student must file an application with the work coordinator. Selection will be based upon potential for job placement, including current attendance, and recommendation of a current instructor. Students are required to secure employment prior to the first day of class. Actual on-site training must begin no later than the end of the first week of semester one. Students cannot work at a family business or for a family member. Students must provide their own transportation. Concurrent enrollment in both courses is required.*

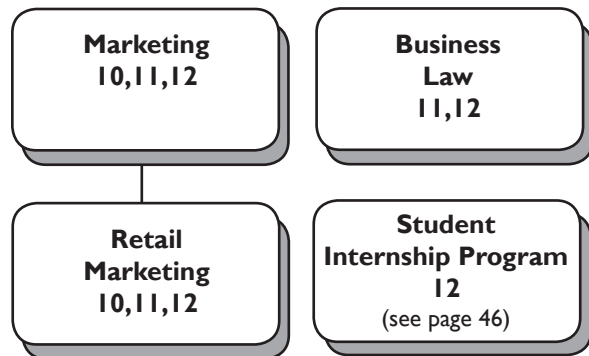
Students are provided on-the-job experiences without occupational restrictions in using their skills and knowledge in meeting needs and expectations of employers, co-workers and customers. Classroom activities include developing pre-employment skills and occupational survival skills with a focus on the specific occupation in which the student is employed. This course will help students select and prepare for a career. It will help students gain work experience. Students are released from school for their paid cooperative work experience; the work portion of this course requires a minimum of 10 hours per week. Students will participate in at least 200 minutes per week of related classroom instruction.

NOTE: Students may repeat this course once for credit.

Students completing a career-course sequence in this department are eligible to receive articulated college credit through local community colleges for course-work completed at WHS or WNHS. See page 5, "Articulated Credit," for additional information.

# CAREER AND TECHNOLOGY EDUCATION

## Marketing/Law



### 3546 BUSINESS LAW (4)

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 11,12

A general survey of the judicial system is covered. Basic principles of business law, including contracts, agency and employment property, credit and insurance, and the uses of negotiable instruments are discussed. The class also includes a unit on crimes and torts and their many differences. Special emphasis is placed on the rights and the responsibilities of the minor. Students will also have the opportunity to participate in mock trials.

### 3532 MARKETING (4)

SEMESTER COURSE

(CIP) 08M114

5 SEM HOURS

OPEN TO: 10,11,12

This course provides a comprehensive overview of marketing. Students learn about marketing strategies in the areas of segmentation, branding, packaging, promotion, pricing, distribution, and advertising as well as trends and careers in the marketing field. Students will complete various projects which include current market research, the history and development of products, and designing a magazine advertisement.

### 3534 RETAIL MARKETING (4)

SEMESTER COURSE (SPRING ONLY)

(CIP) 08M112

5 SEM HOURS

OPEN TO: 10,11,12

PRE-REQUISITE: *A recommended grade of C or better in 3532 MARKETING*

This course focuses on the role of retail marketing within a free enterprise society. Instructional units include the movement of goods or transfer of ownership of a product from the producer to consumer, responding to consumer needs and wants, developing the product or service in response to market opportunities, and communicating information to influence consumer behavior. Successful completion of this course will prepare the student for entry-level employment in the marketing/retailing field or study at the post-secondary level.

NOTE: Completion of this course with a grade of B or better will result in articulated college credits at McHenry County College.

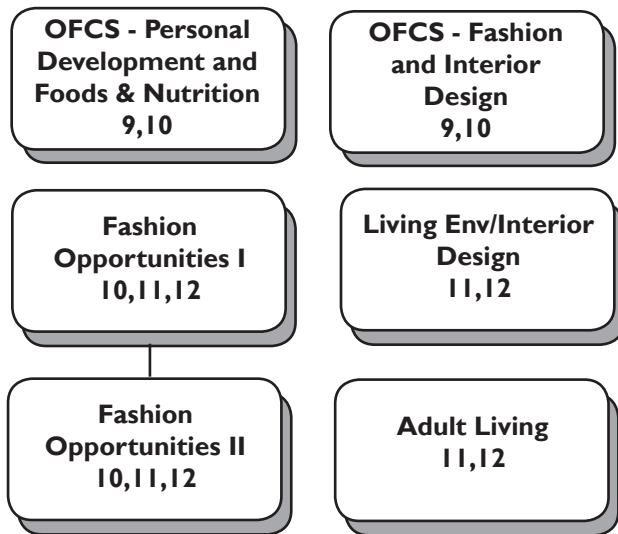
Students completing a career-course sequence in this department are eligible to receive articulated college credit through local community colleges for course-work completed at WHS or WNHS. See page 5, "Articulated Credit," for additional information.

# CAREER AND TECHNOLOGY EDUCATION

## FAMILY AND CONSUMER SCIENCES

“F.C.S. classes prepare you for life.”

Classes in Family and Consumer Sciences are designed to give students opportunities to develop rewarding life skills as well as marketable job skills through investigation, observation, decision-making, and practical application of skills. Orientation to Family and Consumer Sciences classes followed by the foods, child development, interior design, or fashion courses of study will lead the student through sequential learning experiences in preparation for Family and Consumer Sciences occupations and/or further skill development at the post-secondary level. Career exploration is a component of each subject area.



### **4013 ORIENTATION TO FAMILY AND CONSUMER SCIENCES - FASHION AND INTERIOR DESIGN (4)**

SEMESTER COURSE

(CIP) 20H305

5 SEM HOURS

OPEN TO: 9, 10,

11,12 WITH TEACHER RECOMMENDATION

This course is designed to present both informative and active experiences in the fields of personal resource management, clothing and textiles, clothing construction, housing and home furnishings, and consumerism. Learning experiences assist students in understanding themselves, their roles in today's society, the impact of clothing, the roles clothing play in today's society, housing needs, and the nature of homemaking, and other related careers.

Fee: \$20.00

### **4014 ORIENTATION TO FAMILY AND CONSUMER SCIENCES - PERSONAL DEVELOPMENT AND FOODS AND NUTRITION (4)**

SEMESTER COURSE

(CIP) 20H305

5 SEM HOURS

OPEN TO: 9,10

11,12 WITH TEACHER RECOMMENDATION

This course is designed to present both informative and active experiences in the fields of personal resource management, interpersonal and family relationships, foods and nutrition, consumerism, human development, and child care. Learning experiences assist students in understanding themselves, their roles in today's society, and the nature of homemaking and other related careers. Lab experiences in child care and food preparation provide students with opportunities to develop personal and vocational skills.

Fee: \$10.00

### **4060 LIVING ENVIRONMENTS/INTERIOR DESIGN (4)**

SEMESTER COURSE

(CIP) 20H142

5 SEM HOURS

OPEN TO: 10,11,12

Learning experiences will provide students with the basic knowledge and skills to select, acquire, maintain, and manage living environments to meet the needs of the occupants. Selection and care of housing and furnishings are related to factors such as social-economic conditions, individual tastes, psychological effects, aesthetic values, safety, sanitation, and energy conservation. Units of instruction would include locating/managing housing using goal-setting/decision-making skills, creating/maintaining living environments, selecting appropriate resources, determining impact of individual and/or group on living environments, and applying housing/home management choices relating to changing family/individual and career pattern.

NOTE: Students are responsible for purchasing a workbook at a cost of approximately \$12.00.

# CAREER AND TECHNOLOGY EDUCATION

**4052 ADULT LIVING (4)**  
SEMESTER COURSE  
(CIP) 20H143  
5 SEM HOURS  
OPEN TO: 11,12

This course is designed to prepare students for short/long range plans involving potential family roles they may assume in society. Family issues such as effective relationships, alternate lifestyles, marriage/choice of marriage partner, birth of children, parenting techniques, adoption, divorce, family problems, and the life cycle will be explored and discussed. Students will be placed in a simulated marriage situation in which they will have to deal with family concerns including a simulation of infant care using the electronic *Baby Think It Over* doll. Student presentations will promote communication skills and be used to increase awareness of the world around them.

**4031 FASHION OPPORTUNITIES I (4)**  
SEMESTER COURSE  
(CIP) 20H325  
5 SEM HOURS  
OPEN TO: 10,11,12

Students interested in the fashion and clothing industry explore the selection, function (including health, safety and comfort), communication, cultural and psychological impact of clothing. Types of fibers and fabric construction, selection and purchasing of fabric and garment maintenance are topics which are studied through hands-on, practical experiences. Students learn to safely operate and maintain a sewing machine as they learn basic sewing techniques while using commercial clothing patterns to make two garments in lab. Craft construction, merchandising, evaluation of commercially produced clothing and career opportunities in the fashion industry are also components of this course.

Fee: \$15.00

**4032 FASHION OPPORTUNITIES II (4)**  
SEMESTER COURSE  
(CIP) 20H330  
5 SEM HOURS  
OPEN TO: 10,11,12

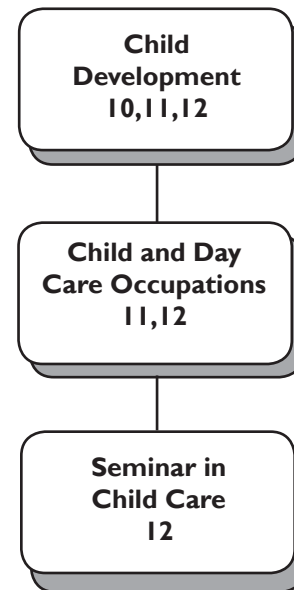
PRE-REQUISITE: *Successful completion of 4031 FASHION OPPORTUNITIES I*

This course is designed to help students understand the role of fashion and the fashion industry. We will explore fashion history and styles including the role of fashion designers. Students will learn about careers in fashion design, production, merchandising, and retailing. Ways in which personality and

fashion interact with the market will be explored. Areas of exploration will include the effect of fabrics and fibers; color, line, and design, clothing selection based on needs; consumer information on clothing purchase and care; sewing and other construction skills. A computer-aided sewing machine will be used to make one project. Students will also produce a garment which includes more advanced sewing techniques.

FEE: Not to exceed \$60.00 - a lab fee is charged for individual student's projects.

## Child Care



**4022 CHILD DEVELOPMENT (4)**  
SEMESTER COURSE  
(CIP) 20H335  
5 SEM HOURS  
OPEN TO: 10,11,12

This course emphasizes learning experiences which help students gain knowledge of the physical, intellectual, social, emotional, and psychological development of children from conception through early childhood. Human development with particular emphasis on pre-natal health is stressed. Family structure and career changes which affect children are studied as students use decision-making and goal-setting skills. A six-week laboratory experience with preschoolers offers opportunities for students to develop observational, planning, and evaluating skills as they direct play and learning activities. Information relating to parenting and careers in child care is incorporated throughout the course.

NOTE: Students provide their own materials for constructing a hand-made toy, game, or piece of play equipment.

# CAREER AND TECHNOLOGY EDUCATION

**4042 CHILD AND DAY CARE  
OCCUPATIONS (4)**  
YEAR COURSE  
(CIP) 20K115  
10 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *Successful completion of 4022 CHILD DEVELOPMENT*

This course is designed for students desiring experience in working with young children. Students will plan and develop a year-long preschool program to be operated on-site. Career program includes experience with management, teaching, organizational and evaluation opportunities. Types of child day care programs will be studied with emphasis on developing skills and abilities in observation and the selection and presentation of learning activities to children. State and local regulations governing care-giving operations are explored. Students are required to create a portfolio of their work and projects during the year. Upon completion of the course, students will have had opportunities to gain competencies needed for successful employment or for further related education in the field of child and day care services.

FEE: Participating pre-school children are charged a \$310.00 registration fee.

**4062 SEMINAR IN CHILD CARE (4)**  
SEMESTER COURSE  
(CIP) 20K160  
5 SEM HOURS  
OPEN TO: 12

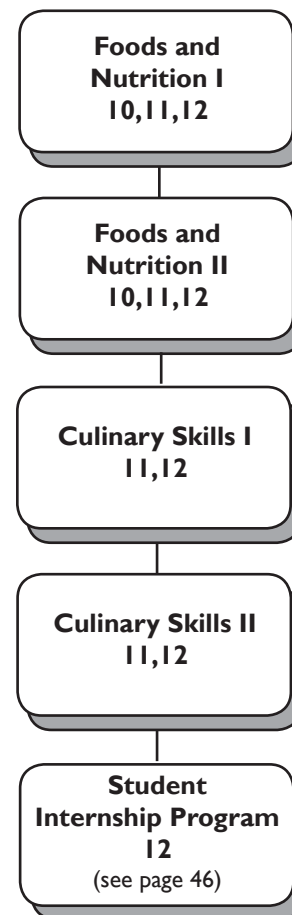
PRE-REQUISITE: *Successful completion of 4042 CHILD AND DAYCARE OCCUPATIONS, permission of the instructor, independent study contract, and placement of student in an approved field site in coordination with the student's schedule*

This course is designed for the senior student who desires additional on-the-job exposure to and experience in occupations in Early Childhood Education and Child and Day Care Services. Students are assigned to a child care/educational facility for a minimum of ten hours per week under the supervision of a professional educator. Weekly journal entries record the student's development of skills, abilities, and techniques. Duties may include pupil management and discipline, clerical assistance, preparation of teaching materials, directing learning and play activities, and individual work with children. Individual teachers may require additional activities and responsibilities which pertain to their teaching area.

NOTE: Students may not take an assistantship in Child Day Care occupations during the semester(s) in which they take this course.

NOTE: Students have to provide their own transportation to their field site.

## Food Service



**4034 FOODS AND NUTRITION I (4)**  
SEMESTER COURSE  
(CIP) 20H315  
5 SEM HOURS  
OPEN TO: 10,11,12

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. Students explore basic nutrition concepts and meet health and safety needs while planning, preparing, and serving foods from the following units: fruits, vegetables, eggs, quickbreads, yeast-breads, cookies, butter cakes, milk, cheese, pastry, breakfast, and lunch. Information related to careers in foods and nutrition is incorporated throughout the course.

FEE: \$25.00

Students completing a career-course sequence in this department are eligible to receive articulated college credit through local community colleges for course-work completed at WHS or WNHS. See page 5, "Articulated Credit," for additional information.

# CAREER AND TECHNOLOGY EDUCATION

**4037 FOODS AND NUTRITION II (4)**  
SEMESTER COURSE (SPRING ONLY)  
(CIP) 20F320  
5 SEM HOURS  
OPEN TO: 10,11,12

PRE-REQUISITE: *Successful completion of 4034 FOODS AND NUTRITION I*

In this second-level foods course, students devote more in-depth study to food safety, selection, preparation, and dietary needs. Lab sessions are devoted to preparation of foods with specific characteristics while examining influences of food customs, eating disorders, nutritional issues, and life-cycle nutritional needs. Lab experiences will include meats, soups, salads and salad dressings, desserts, beverages, pasta, and regional and world dinners. Emphasis on commercial food service occupations, preparation, and management is promoted.

FEE: \$25.00

**4038 CULINARY SKILLS I (4)**  
SEMESTER COURSE  
(CIP) 20H400  
CLM101-MCC  
10 SEM HOURS  
7 CREDITS AT MCC  
OPEN TO: 11,12

PRE-REQUISITE: *Successful completion of 4034 FOODS AND NUTRITION I and 4037 FOODS AND NUTRITION II*

This course will provide students with an introduction of a commercial kitchen. Upon completion of this course, students will have an understanding of the proper and safe way to handle knives; identify, operate, and maintain kitchen equipment; evaluate and successfully convert recipes; identify and apply the use of spices and herbs in cooking; identify and demonstrate proper cooking methods; identify and prepare basic stocks, sauces, and soups.

NOTE: This course will be held at Woodstock North High School. Students are required to provide their own closed-toe, black shoes as part of their uniform.

FEES: A \$50.00 fee is required to cover consumables and a uniform.

**4039 CULINARY SKILLS II (4)**  
SEMESTER COURSE  
(CIP) 20H400  
CLM102-MCC  
10 SEM HOURS  
7 CREDITS AT MCC  
OPEN TO: 11,12

PRE-REQUISITE: *Successful completion of 4038 CULINARY SKILLS I*

This course is a continuation of 4038 CULINARY SKILLS I. Upon completion of this course, students will be proficient in the preparation of stocks, soups, sauces. Students will also be proficient in vegetable identification and cookery, starch identification and cookery, fruit identification, egg cookery, breakfast cookery, and hot and cold sandwich preparation. Emphasis on positive employability traits will be reinforced.

NOTE: This course will be held at Woodstock North High School. Students are required to provide their own closed-toe, black shoes as part of their uniform.

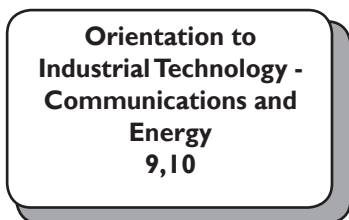
FEES: A \$50.00 fee is required to cover consumables and a uniform.

# CAREER AND TECHNOLOGY EDUCATION

## INDUSTRIAL TECHNOLOGY

### “Preparing today’s students for tomorrow’s careers”

The Career and Technology Education (CTE) Department offers industrial technology programs in machines, graphics, building trades/woods, auto mechanics, drafting, engineering, and architecture. Because of the sequencing and pre-requisites in the vocational areas, students should plan early in order to complete their chosen areas of training. The introductory course allows students to learn the fundamentals of many areas, but it is not a requirement or pre-requisite for the first level of a specific area. Almost all sequences culminate with the opportunity for a student internship providing a paid, structured, work-site learning opportunity. Graphic Arts courses are listed under the Arts - Visual, Commercial, and Graphic Arts section of the *Curriculum Guide* on page 33.



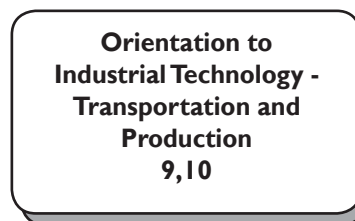
**4513 ORIENTATION TO INDUSTRIAL TECHNOLOGY - COMMUNICATION AND ENERGY (4)**  
SEMESTER COURSE  
(CIP) 461305  
5 SEM HOURS  
OPEN TO: 9,10

11,12 WITH TEACHER RECOMMENDATION

Students will explore the following areas of the Industrial Technology Department: electronics and graphics. The subject matter includes elements of communication and energy. The course is of a general and basic nature, which makes it valuable to all students regardless of their vocational or professional goals. Orientation to Industrial Technology is not a prerequisite for other classes, but it is strongly recommended as an introduction to numerous areas.

FEE: \$15.00

NOTE: Safety glasses are required to be worn daily. Students may provide their own safety glasses or purchase them from the teacher.



**4514 ORIENTATION TO INDUSTRIAL TECHNOLOGY - TRANSPORTATION AND PRODUCTION (4)**  
SEMESTER COURSE  
(CIP) 461305  
5 SEM HOURS  
OPEN TO: 9,10

11,12 WITH TEACHER RECOMMENDATION

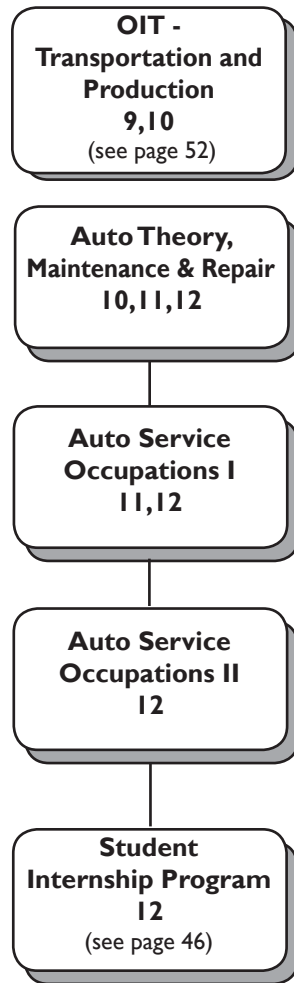
Students will explore at least two of the following areas of the Industrial Technology Department: auto mechanics, drafting, metals, and woods. The subject matter includes elements of production and transportation. The course is of a general and basic nature, which makes it valuable to all students regardless of their vocational or professional goals. Orientation to Industrial Technology is not a prerequisite for other classes, but it is strongly recommended as an introduction to numerous areas.

FEE: \$15.00

NOTE: Safety glasses are required to be worn daily. Students may provide their own safety glasses or purchase them from the teacher.

# CAREER AND TECHNOLOGY EDUCATION

## Automotive Technology



### 4516 AUTOMOTIVE THEORY, MAINTENANCE, AND REPAIR (4)

SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 10,11,12

This class introduces students to the basics of automobile operation and maintenance. In the classroom the student will learn the theory of operation and maintenance requirements of eight automotive systems: cooling, emission, internal combustion engine, lubrication, steering, suspension, electrical system and braking. In the lab the student will learn how to properly inspect, maintain and complete basic repairs on each of the above systems.

NOTE: Safety glasses are required to be worn daily. Students may provide their own safety glasses or purchase them from the teacher.

Fee: \$5.00

### 4522 AUTO SERVICE OCCUPATIONS I (4)

YEAR COURSE  
(CIP) 47A130  
10 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *Successful completion of 4516 AUTOMOTIVE THEORY, MAINTENANCE AND REPAIR and/or recommendation of department*

This course is a one-year study of automotive mechanisms including their components, design, reconditioning, and repair. The course is divided into two parts: the classroom study of the automotive systems includes the power train, lubrication system, cooling system, electrical system, ignition system, brake system and emission system; the lab portion of the course concentrates on diagnostics and repair work. Because of the specialized nature of this course, only those students with a high degree of aptitude and interest should enroll.

FEE: \$25.00

NOTE: Safety glasses are required to be worn daily. Students may provide their own safety glasses or purchase them from the teacher. This course will be held at Woodstock High School.

### 4523 AUTO SERVICE OCCUPATIONS II (4)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 12

PRE-REQUISITE: *Successful completion of 4522 AUTO SERVICE OCCUPATIONS I and/or recommendation of department*

This course covers the same automotive mechanisms including their components as 4522 AUTO SERVICE OCCUPATIONS I but at a more advanced pace. This course will develop problem-solving abilities as well as job-seeking and safety skills. Advanced lab experiences will be designed around occupation-specific tasks. Completion of task and employability skills will be documented

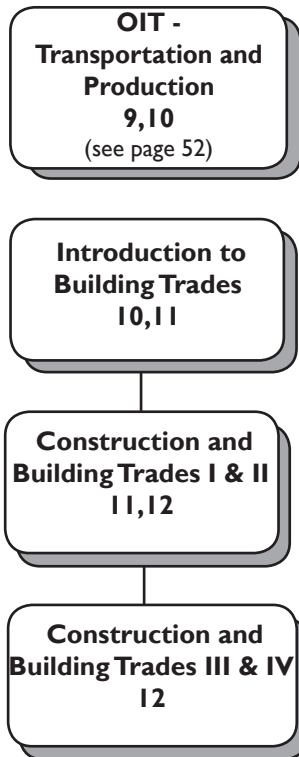
FEE: \$25.00

NOTE: Safety glasses are required to be worn daily. Students may provide their own safety glasses or purchase them from the teacher. This course will be held at Woodstock High School.

Students completing a career-course sequence in this department are eligible to receive articulated college credit through local community colleges for course-work completed at WHS or WNHS. See page 5, "Articulated Credit," for additional information.

# CAREER AND TECHNOLOGY EDUCATION

## Building Trades



**4591 INTRODUCTION TO BUILDING TRADES (4)**  
SEMESTER COURSE  
(CIP) 46C328  
5 SEM HOURS  
OPEN TO: 10,11

This course will introduce students to the basic principles of residential construction. Topics to be studied include blueprint reading, construction terminology, construction materials, fundamentals of house framing and the safe use of tools and equipment. Students will acquire basic skills through hands-on project-related lab activities. The topics covered will provide a solid base of information necessary for entering the building trades program. A mock-up of a residential home will be the major project.

FEE: \$15.00

NOTE: Safety glasses are required to be worn daily. Students may provide their own safety glasses or purchase them from the teacher.

**4592 CONSTRUCTION AND BUILDING TRADES I & II (4)**  
YEAR COURSE  
(CIP) 46C121  
30 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *A recommended grade of C or better in 4591 INTRODUCTION TO BUILDING TRADES and/or teacher recommendation*

CBT I and II is part of two-year program designed to expose students to all aspects of the building trades. Students will construct a single family home during each year of this 2-year program. Major emphasis will be on the carpentry trade. In addition, students will develop fundamental skills using power tools. Students will be involved in all phases of residential construction including site selection and layout, footing and foundation walls, plumbing, heating, electrical, insulation, drywall, painting, finishing, blueprint reading, and landscaping. This course is for students who plan to enter the building trades or an associated vocation.

NOTE: Safety glasses are required to be worn daily. Students may provide their own safety glasses or purchase them from the teacher. This course will be held at Woodstock High School.

**4596 CONSTRUCTION AND BUILDING TRADES III & IV (4)**  
YEAR COURSE  
(CIP) 46C126  
30 SEM HOURS  
OPEN TO: 12

PRE-REQUISITE: *Successful completion of 4592 CONSTRUCTION AND BUILDING TRADES I & II*

CBT III and IV is part of two-year program designed to expose students to all aspects of the building trades. This course is a continuation of 4592 CONSTRUCTION AND BUILDING TRADES I & II with students working on more advanced projects.

NOTE: Safety glasses are required to be worn daily. Students may provide their own safety glasses or purchase them from the teacher. This course will be held at Woodstock High School.

# CAREER AND TECHNOLOGY EDUCATION

## Drafting/Architecture

**OIT -  
Communication  
and Energy  
9,10**  
(see page 52)

**Drafting  
9,10,11,12**

**PLTW-Civil  
Engineering &  
Architecture  
11,12**

**Student  
Internship Program  
12**  
(see page 46)

**4526 DRAFTING (4)**  
SEMESTER COURSE  
(CIP) 48D315  
5 SEM HOURS  
OPEN TO: 9,10,11,12

PRE-REQUISITE: *Students may take either semester if 0522 MODIFIED ALGEBRA I or 0526 ALGEBRA I has been completed. This course is open to students semester 2 only if they are concurrently enrolled in 0522 MODIFIED ALGEBRA I or 0526 ALGEBRA I.*

This course is intended to provide experiences that will help the student acquire basic skills and techniques used by drafting professionals. Topics include lettering, line technique, orthographics, dimensioning, sectioning, threads, pictorial drafting, and computer-aided drafting. A final project is required

FEE: \$10.00

**4535 PLTW-CIVIL ENGINEERING AND  
ARCHITECTURE (5)**  
YEAR COURSE  
(CIP) 14.0401  
LOCAL COURSE #21I151  
10 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *Successful completion of 4524 PLTW-INTRODUCTION TO ENGINEERING DESIGN or 4525 PLTW-PRINCIPALS OF ENGINEERING and concurrent enrollment in a mathematics course is required.*

This course introduces students to the interdependent field of civil engineering and architecture. Students will learn project planning, site planning, and building design.

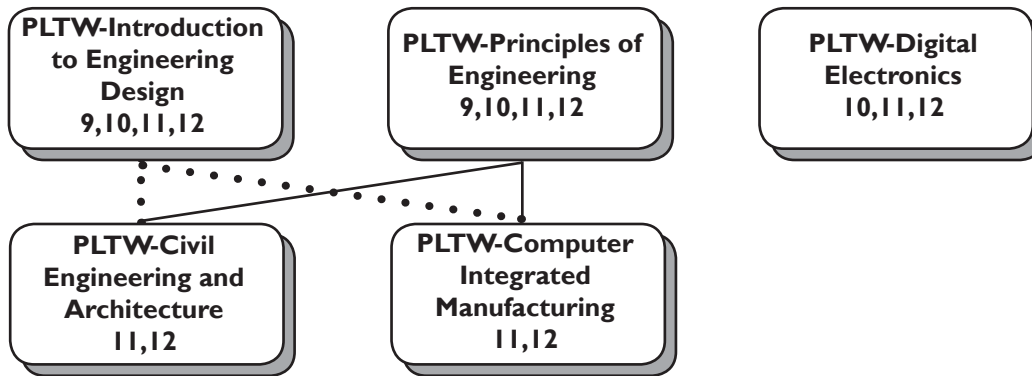
NOTE: This course will be held at Woodstock High School.

FEE: \$15.00

# CAREER AND TECHNOLOGY EDUCATION

## Engineering "Project Lead The Way"

Code 21.0201



**4524 PLTW-INTRODUCTION TO ENGINEERING DESIGN (5)**  
 YEAR COURSE  
 (CIP) 14.9999  
 LOCAL COURSE #21I302  
 10 SEM HOURS  
 OPEN TO: 9,10,11,12

PRE-REQUISITE: *Successful completion of 0516 PRE-ALGEBRA*

Using 3-D computer modeling software, students learn the design process, and solve design problems as they develop, analyze, and create product models.

FEE: \$20.00

**4527 PLTW-DIGITAL ELECTRONICS (5)**  
 YEAR COURSE  
 (CIP) 15.0303  
 LOCAL COURSE #21I101  
 10 SEM HOURS  
 OPEN TO: 10,11,12

PRE-REQUISITE: *Successful completion of 0536 GEOMETRY or 0542 MODIFIED GEOMETRY*

This course teaches applied logic through work with electronic circuitry, which students also construct and test for functionality. Students will both set up and troubleshoot wiring for robotic arms.

Fee: \$30.00

**4525 PLTW-PRINCIPLES OF ENGINEERING (5)**  
 YEAR COURSE  
 (CIP) 14.9999  
 LOCAL COURSE #21I311  
 10 SEM HOURS  
 OPEN TO: 9,10,11,12

PRE-REQUISITE: *Successful completion of 0516 PRE-ALGEBRA*

This course helps students understand the field of engineering/engineering technology. Through the exploration of various technology systems and manufacturing processes, students will learn how engineers and technicians use math, science, and technology in engineering problem-solving processes. Included will be concerns about social and political consequences of technological change.

Fee: \$15.00

**4535 PLTW-CIVIL ENGINEERING AND ARCHITECTURE (5)**  
 YEAR COURSE  
 (CIP) 14.0401  
 LOCAL COURSE #21I151  
 10 SEM HOURS  
 OPEN TO: 11,12

PRE-REQUISITE: *Successful completion of 4524 pltw-introduction to engineering design or 4525 pltw-principals of engineering and concurrent enrollment in a mathematics course is required.*

This course introduces students to the interdependent field of civil engineering and architecture. Students will learn project planning, site planning, and building design.

NOTE: This course will be held at Woodstock High School.

FEE: \$15.00

# CAREER AND TECHNOLOGY EDUCATION

## 4548 PLTW-COMPUTER INTEGRATED MANUFACTURING (5)

YEAR COURSE  
(CIP) 15.0411  
LOCAL COURSE #21I201  
10 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *Successful completion of 4524 PLTW-INTRODUCTION TO ENGINEERING DESIGN or 4525 PLTW-PRINCIPALS OF ENGINEERING and concurrent enrollment in a mathematics course is required.*

This course enhances computer-modeling skills by applying principles of robotics and automation to the creation of three-dimensional model designs.

NOTE: This course will be held at Woodstock North High School.

FEE: \$25.00

## Manufacturing



Students completing a career-course sequence in this department are eligible to receive articulated college credit through local community colleges for course-work completed at WHS or WNHS. See page 5, "Articulated Credit," for additional information.

# CAREER AND TECHNOLOGY EDUCATION

**4562 METALS (4)**  
SEMESTER COURSE  
(CIP) 46I330  
5 SEM HOURS  
OPEN TO: 10,11,12

This course covers the elementary operations and safety of engine lathes, milling machines, surface grinders, bench grinders, and drill presses. Techniques covered are grinding, casting, making of steel, layout procedures, and threading. Required projects include a drill gauge, a thread gage, parallels, and a C-clamp. Students are encouraged to make additional projects.

NOTE: Safety glasses are required to be worn daily. Students may provide their own safety glasses or purchase them from the teacher. This course will be held at Woodstock High School.

FEE: \$25.00

**4567 MANUFACTURING OCCUPATIONS I (4)**  
YEAR COURSE  
(CIP) 48M142  
10 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *A recommended grade of C or better in 4562 METALS and in 4526 DRAFTING or recommendation of department*

This first part of a two-year sequence teaches the manipulative and theoretical aspects of the machine trade. Intensive training on the basic machine tools and equipment for separating, combining, and forming materials using lathes, grinding machines, milling machines, drilling machines, and saws as well as related theory and mathematics are studied. Computer aided design and machining (CAD-CAM) may be included. Only students who are considering entering into the family of trades that use basic machine tools should consider this sequence. Emphasis is placed on work ethic and employability skills.

GRADING REQUIREMENTS: Required competencies in skill areas must be demonstrated and a minimum number of projects must be completed.

NOTE: Safety glasses are required to be worn daily. Students may provide their own safety glasses or purchase them from the teacher. This course will be held at Woodstock High School.

FEE: \$15.00 per semester

**4568 MANUFACTURING OCCUPATIONS II (4)**  
YEAR COURSE  
(CIP) 48M144  
10 SEM HOURS  
OPEN TO: 12

PRE-REQUISITE: *A recommended grade of C or better in 4567 MANUFACTURING OCCUPATIONS I or teacher recommendation is required.*

This course will expand on content and experiences learned in 4567 MANUFACTURING OCCUPATIONS I. Areas of study will include metallurgy, heat treatment, advanced machine set-up and operation, maintenance, and repair of machinery. This course covers the same manipulative and theoretical aspects of the machine trade as 4567 MANUFACTURING OCCUPATIONS I but with more advanced projects being taught.

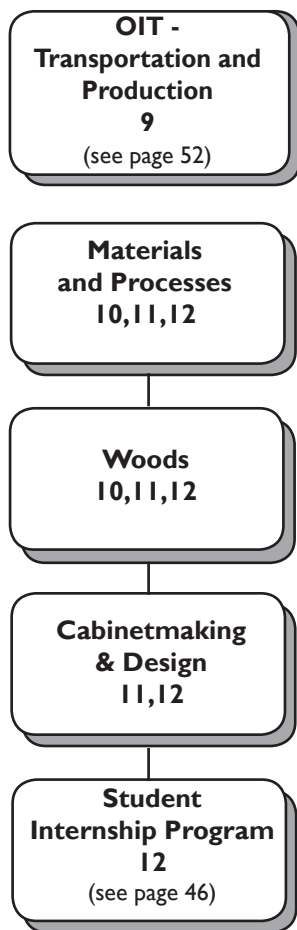
NOTE: Safety glasses are required to be worn daily. Students may provide their own safety glasses or purchase them from the teacher. This course will be held at Woodstock High School.

FEE: \$15.00 per semester

Students completing a career-course sequence in this department are eligible to receive articulated college credit through local community colleges for course-work completed at WHS or WNHS. See page 5, "Articulated Credit," for additional information.

# CAREER AND TECHNOLOGY EDUCATION

## Materials and Processes



### 4585 MATERIALS AND PROCESSES (4)

SEMESTER COURSE  
(CIP) 461315  
5 SEM HOURS  
OPEN TO: 10,11,12

This course will introduce students to the properties of two industrial materials, wood and plastic. Nine weeks of the course will develop the skills necessary to maintain and operate basic woodworking industrial tools. Projects may include but are not limited to small tables, small shelves, or other projects. The second nine weeks of the course will develop skills using various materials to solve complex problems. These problem-solving operations may include sawing, drilling, sanding, shaping, and glueing.

NOTE: Safety glasses are required to be worn daily. Students may provide their own safety glasses or purchase them from the teacher. This course will be held at Woodstock High School.

FEE: Not to exceed \$40.00 - students must pay for project materials.

**4588 WOODS (4)**  
SEMESTER COURSE  
(CIP) 46C328  
5 SEM HOURS  
OPEN TO: 10,11,12

PRE-REQUISITE: *A recommended grade of C or better in 4585 MATERIALS AND PROCESSES as well as recommendation of department is required.*

This course is an orientation to safety and occupations related to woodworking and furniture construction. Introductory units of study will include physical and structural properties of wood, the calculation of material requirements, measuring and layout, the proper and safe use of hand and basic power tools, glues and fasteners, and surface preparation and finishing. Students will acquire basic skills through hands on project-related lab activities.

NOTE: Safety glasses are required to be worn daily. Students may provide their own safety glasses or purchase them from the teacher. This course will be held at Woodstock High School.

FEE: Not to exceed \$60.00 - students must pay for project materials.

### 4589 CABINETMAKING & DESIGN (4)

SEMESTER COURSE  
(CIP) 46C400  
5 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *Successful completion of 4585 MATERIALS AND PROCESSES and 4588 WOODS is required.*

Through this course students will learn the following:

- how to draw and interpret basic cabinet drawings
- how to design a cabinet to suit a specific purpose
- appropriate joinery to ensure sound cabinet construction
- the safe use of hand tools, power tools and machinery used in the woodworking industry
- how to incorporate modern hardware into your cabinet's design
- the acceptable methods for proper and easy cabinet assembly

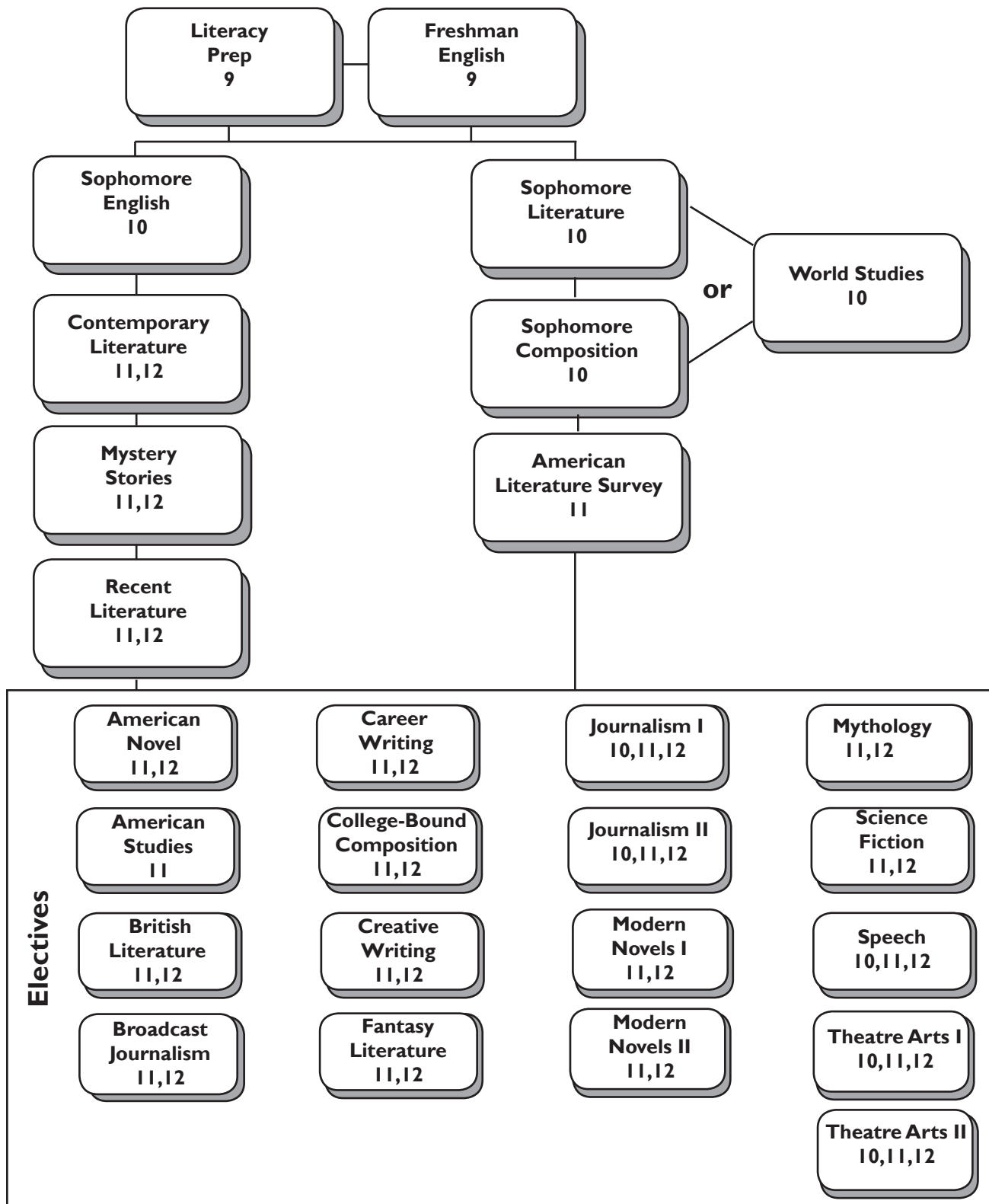
FEE: Not to exceed \$75.00 - students must pay for materials to construct the cabinet project.

NOTE: This course will be held at Woodstock High School.

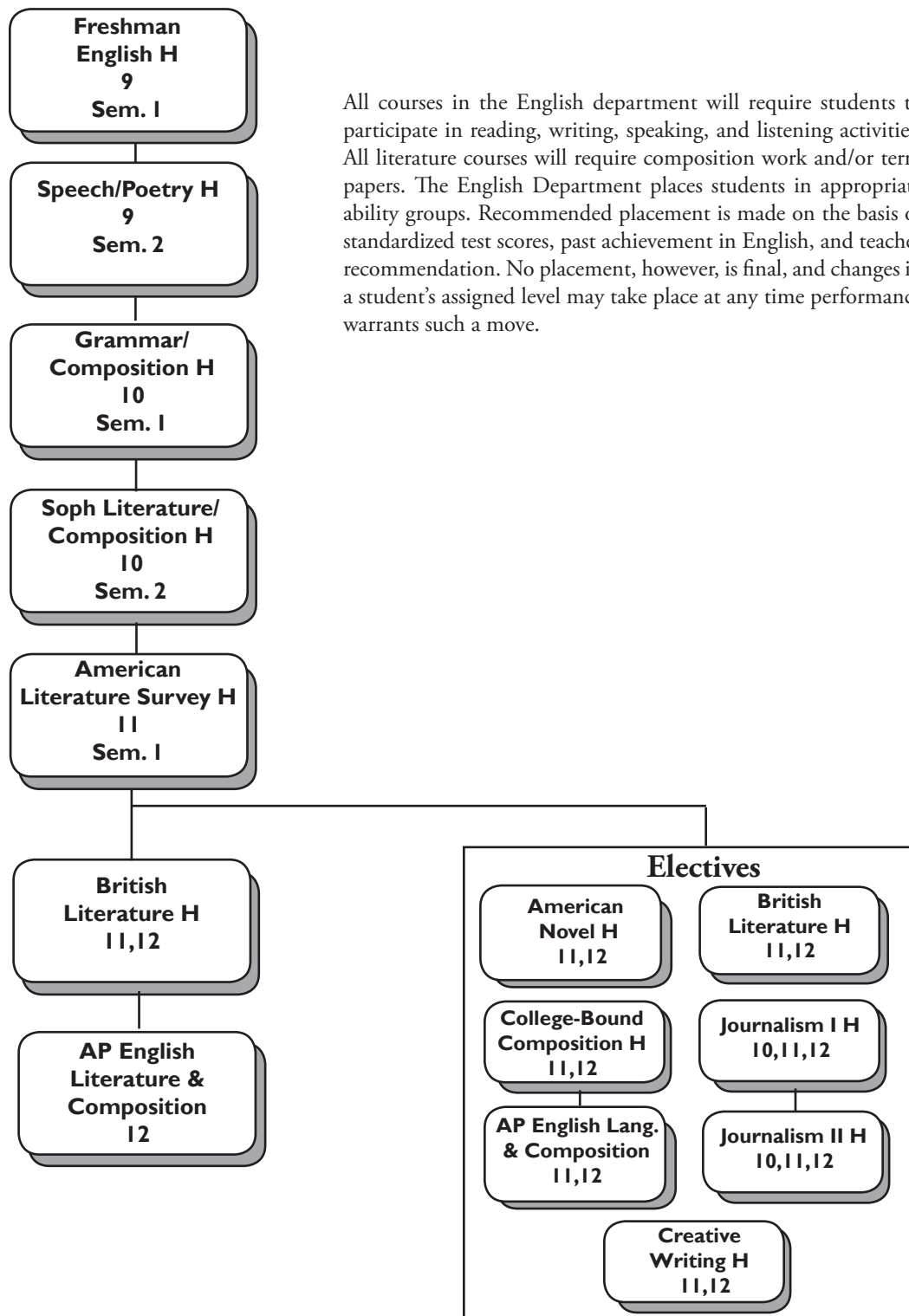
Students completing a career-course sequence in this department are eligible to receive articulated college credit through local community colleges for course-work completed at WHS or WNHS. See page 5, "Articulated Credit," for additional information.

# ENGLISH

“All the world’s a stage, and we are merely players ...” Shakespeare



# ENGLISH



All courses in the English department will require students to participate in reading, writing, speaking, and listening activities. All literature courses will require composition work and/or term papers. The English Department places students in appropriate ability groups. Recommended placement is made on the basis of standardized test scores, past achievement in English, and teacher recommendation. No placement, however, is final, and changes in a student's assigned level may take place at any time performance warrants such a move.

**NOTE:**

- An English course is required each semester. See "Graduation Requirements" on page 2.
- Recommended placement in Freshman English H is based on teacher recommendation, standardized test scores and a writing sample.
- Student placement in subsequent courses is based on performance and is reviewed annually.

# ENGLISH

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**0015 LITERACY PREPARATION (4)**  
YEAR COURSE  
20 SEMESTER HOURS  
OPEN TO: 9

PRE-REQUISITE: *Reading level at two or more years below grade level as measured on the Gates test, recommendation of eighth grade language arts teacher, and parental approval*

This course is designed as a block of two hours to give regular education students reading below grade level those strategies to improve their reading skills and to complete the regular 0012 FRESHMAN ENGLISH curriculum. Students will be pre- and post-tested on reading levels. Drill and practice with a computer program will also be integrated into the curriculum.

Students will be placed into the regular sophomore curriculum based on improvement in reading scores.

NOTE: This course does not qualify as an NCAA core course.

**0012 FRESHMAN ENGLISH (4)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9

The focus of this course will be to further develop the skills of reading, writing, listening and speaking. Semester 1 of this course includes the following units: *Romeo and Juliet*, *Bennie and Joon*, *Of Mice & Men*, and either *Our Town* or *Flowers For Algernon*. Students will learn to interpret, evaluate, and discuss various forms of literature and will also write compositions based on those readings. Semester 2 of the course is divided into nine-week units. The speech unit covers persuasive speeches, speeches to inform, tribute speeches, and a Socratic Seminar. The literature unit continues the reading and writing skills from semester 1. Students will read *To Kill A Mockingbird* and continue practicing how to objectively evaluate an author's ideas and to defend opinions based on the author's writings. One major departmental assessment will take place during each nine-week period so that the English department can monitor student achievement toward meeting Illinois state goals. Parts of speech and sentence patterns will also be tested as part of the departmental assessment.

NOTE: Successful completion of this course is required for graduation.

**0014 FRESHMAN ENGLISH H (5)**  
SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 9

PRE-REQUISITE: *Recommended placement is based on a department rubric which may include eighth grade Language Arts teacher's recommendation, a writing sample done in eighth grade, and an EXPLORE Reading and English score of 90%. A profile is developed from the criteria using a weighted scale to determine eligibility.*

Students will study *To Kill a Mockingbird*, *Of Mice and Men*, *Romeo and Juliet*, *Macbeth*, *Our Town*, Biblical allusions and language history. Significant writing will be infused in the study of this literature.

NOTE: This course is a recommended pre-requisite for 0098 AP ENGLISH LITERATURE AND COMPOSITION. This course is an honors level substitute for semester one of 0012 FRESHMAN ENGLISH, successful completion of which is required for graduation.

**0025 FRESHMAN ENGLISH H:  
SPEECH/POETRY H (5)**  
SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 9

PRE-REQUISITE: *Successful completion of 0014 FRESHMAN ENGLISH H and recommendation of the English department*

Honors students will complete nine weeks of speech and nine weeks of poetry. Students will research, organize and present speeches to inform, to persuade, and to debate. Parliamentary procedure, oral interpretations, and impromptus are also covered. Poetry analysis, including technical terms, imagery, figurative language, connotation, denotation, allusions, tone, rhythm, meter, and form, will be studied. Students will be expected to use techniques learned in the speech cycle for oral presentations during the poetry cycle.

NOTE: This course is a recommended pre-requisite for 0098 AP ENGLISH LITERATURE AND COMPOSITION. This course is an honors level substitute for semester two of 0012 FRESHMAN ENGLISH, successful completion of which is required for graduation.

# ENGLISH

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## **0024 SOPHOMORE ENGLISH (4)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 10

PRE-REQUISITE: *Successful completion of 0015 LITERACY PREP or recommendation of English Department*

This course provides remedial simulations, hands-on activities, and writing assignments. Students will study *Tears of a Tiger*, *The Crossing*, *Christmas Killer*, *The Giver*, *Flight 116 is Down* and *Twelve Angry Men*. A major career unit is also included.

## **0022 SOPHOMORE LITERATURE (4)**

SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 10

PRE-REQUISITE: *Successful completion of Semester 1 0012 FRESHMAN ENGLISH or its equivalent*

This course exposes students to poetry, fiction, non-fiction and drama of American and European authors. *A Separate Peace*, *Macbeth*, *The King Arthur Legend*, *Inherit the Wind*, short stories, poetry, and nonfiction will be studied.

NOTE: Successful completion of this course is required for graduation.

## **0018 SOPHOMORE COMPOSITION (4)**

SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 10

PRE-REQUISITE: *Successful completion of 0012 FRESHMAN ENGLISH or its equivalent. Passing semester 1 of 0012 FRESHMAN ENGLISH is a minimum requirement to continue the sequence.*

Students will write compositions of five or more paragraphs in length. Practice in proofreading, revision, style, and grammar is included. Students are required to write a research paper. The Writer's Workbench program will be used for revision.

NOTE: Students will be required to write all of the assigned papers.

NOTE: Successful completion of this course is required for graduation.

## **0027 GRAMMAR/COMPOSITION H (5)**

SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 10

PRE-REQUISITE: *Successful completion of 0014 FRESHMAN ENGLISH H with a recommended grade of C or better and recommendation of teacher or successful completion of 0012 FRESHMAN ENGLISH with a recommended grade of A and recommendation of teacher and/or submission of an acceptable writing portfolio (done before registration). Standardized test score pre-requisites from 0014 FRESHMAN ENGLISH H will also be considered*

This course is designed to help students develop language arts skills in academic and career situations. Students will study the relationship between writing and grammar. Students will write a variety of compositions using standard English grammar and usage. Since this is an honors course, the product, process, and/or content will be differentiated from 0018 SOPHOMORE COMPOSITION.

NOTE: This course is a recommended pre-requisite for 0098 AP ENGLISH LITERATURE AND COMPOSITION.

## **0031 SOPHOMORE LITERATURE/ COMPOSITION H (5)**

SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 10

PRE-REQUISITE: *Successful completion of 0027 GRAMMAR/COMPOSITION H with a recommended grade of C or better and recommendation of teacher*

Students will be studying the major units of 0022 SOPHOMORE LITERATURE and the research paper from 0018 SOPHOMORE COMPOSITION in one semester. *The King Arthur Legend*, *A Separate Peace*, *Inherit the Wind*, *Biblical Allusions*, and nonfiction will be the literature components. Students will also be working on a major research project as part of the composition unit.

NOTE: This course is a recommended pre-requisite for 0098 AP ENGLISH LITERATURE AND COMPOSITION.

# ENGLISH

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## **0048 AMERICAN LITERATURE SURVEY (4)**

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 11

This course features a study of works of American literature from the Colonial period to the present. Included is a study of the authors, style, techniques, and themes of each period. Students are expected to see the relationship between our nation's history and its literature.

NOTE: Successful completion of this course is required for graduation. Developmental readers are exempt from this requirement.

## **0052 AMERICAN LITERATURE SURVEY H (5)**

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 11

PRE-REQUISITE: *Grades in 0027 GRAMMAR/COMPOSITION H and 0031 SOPHOMORE LITERATURE/COMPOSITION H averaging a recommended grade of C or better and recommendation of previous English teacher or a recommended average grade in 0022 SOPHOMORE LITERATURE and 0018 SOPHOMORE COMPOSITION of B with recommendation of previous English teacher. Standardized test score requirements from the previous honors English class will also be considered*

This course features an in-depth study of the works of American literature from the Colonial period to the present. In addition to the requirements of 0048 AMERICAN LITERATURE SURVEY, students will write essays, do research for reports, and participate in in-depth discussions of authors and their works.

NOTE: This course is a recommended pre-requisite for 0098 AP ENGLISH LITERATURE AND COMPOSITION. This course is an honors level substitute for 0048 AMERICAN LITERATURE SURVEY, successful completion of which is required for graduation.

## **English Department Electives**

### **0056 AMERICAN NOVEL (4-5)**

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 11,12

This course provides a survey of 20th century American fiction. The emphasis is on how the novel reflects uniquely American

attitudes and situations. Students are expected to handle the language and situations with maturity and understanding. Students will read from the following list based on teacher-designed units: *The Great Gatsby*, *The Grapes of Wrath*, *Catcher in the Rye*, *One Flew Over the Cuckoo's Nest*, and *Ordinary People*.

HONORS GRADING REQUIREMENTS: Students may opt to take this course for honors credit. This decision will be made in consultation with the instructor during the first weeks of the course. A contract stating the expectations for the honors credit will specify the more stringent requirements.

## **0046 AMERICAN STUDIES (4)**

YEAR COURSE

20 SEM HOURS

OPEN TO : 11

PRE-REQUISITE: *Level 4 recommendation from Social Studies and English departments encouraged*

This course covers the full range of American history and literature from Colonial times to the present. Emphasis is placed on the development of the students' potential to select, interpret and analyze pertinent facts, information, and literature of the various decades, including the analysis of author style, techniques and themes as they relate to the history.

NOTE: This course will satisfy the US History, American Literature Survey and an additional 5 hour English requirement for graduation. Students taking this college-prep course must be prepared to read and write at a greater and more intensive level as compared to both the regular American Literature Survey and US History courses.

## **0019 AP ENGLISH LANGUAGE AND COMPOSITION (5)**

SEMESTER COURSE (SPRING ONLY)

5 SEM HOURS

OPEN TO: 11,12

PRE-REQUISITE: *A recommended grade of B or higher in 0070 COLLEGE-BOUND COMPOSITION H*

This course will continue developing the writing competencies begun in 0070 COLLEGE-BOUND COMPOSITION. This second semester course will concentrate on various authors' writing styles and the structure of writing. Writing based on nonfiction material, the basis of the AP test, will be stressed. Students taking this course will be eligible for, but not required to take, the AP test in English Language and Composition.

# ENGLISH

**0098 AP ENGLISH LITERATURE  
AND COMPOSITION (5)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 12

PRE-REQUISITE: *Recommended successful completion of 0014 FRESHMAN ENGLISH H, 0025 FRESHMAN ENGLISH H: SPEECH/POETRY H, 0027 GRAMMAR/COMPOSITION H, 0031 SOPHOMORE LITERATURE/COMPOSITION H, 0052 AMERICAN LITERATURE SURVEY H, AND 0065 BRITISH LITERATURE H. Students entering the honors program as sophomores or transfer students will be accepted on a case-by-case basis.*

This course will be broken down into units of study paralleling the recommended curriculum of AP English Literature and Composition. Special emphasis will be placed on writing about selected pieces of literature. Analysis of previous AP test questions and practice for the AP test will be included. Students completing this course will be eligible for, but not required to take, the AP English Literature and Composition test.

**0065 BRITISH LITERATURE (4-5)**  
SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 11,12

This course is highly recommended for the college-bound student and is required for those considering 0098 AP ENGLISH LITERATURE AND COMPOSITION. Poems, plays, stories, and novels from the fifteen-hundred year history of the English language are studied, with emphasis on the relationship between the literature and its historical framework. The major works of Chaucer, Milton, Shakespeare, and Donne are studied in some detail.

HONORS GRADING REQUIREMENTS: Students may opt to take this course for honors credit. This decision will be made in consultation with the instructor during the first weeks of class. A contract stating the expectations for the honors credit will specify the more stringent requirements.

NOTE: This course is a recommended pre-requisite for 0098 AP ENGLISH LITERATURE AND COMPOSITION.

**0096 BROADCAST JOURNALISM (4)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11,12

BROADCAST JOURNALISM is a fast-paced, technologically-driven course with high expectations placed on work

ethic as well as finished products. Students will have many different roles on a production team to create a news magazine, which will be broadcast to the students and staff several times a year. Students interested in BROADCAST JOURNALISM will learn how to handle high-pressure situations and will be required to meet strict deadlines. BROADCAST JOURNALISM will challenge students' technical skills along with their creativity to balance the artistic and scientific aspects of today's three-dimensional journalism.

FEE: \$25.00 to cover equipment purchases and repairs

NOTE: This course does not qualify as an NCAA core course.

**0076 CAREER WRITING (4)**  
SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 11,12

This course deals with those writing skills students will need on the job. Exercises and simulations will be designed to give students close to real-life experiences dealing with situations they might find while in the world of work. This course is highly recommended for the students who are planning on continuing vocational training at a community college upon graduation or who are planning to enter the work force immediately after graduation.

NOTE: This course does not qualify as an NCAA core course.

**0070 COLLEGE-BOUND COMPOSITION (4-5)**  
SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 11,12

This course is recommended for college-bound students and is designed to develop the students' skill and effectiveness in writing. One focus will be on grammatical skills as they apply to improvement in writing. Students will complete an annotated bibliography on a topic of choice, evaluating and critiquing various types of sources as a major project during the semester. Focus in writing will be on development of student style based on brain research strategies. Students will learn to critique others' writing, both professional and peer, and to improve their own writing based on this. The types of papers written will vary based on student needs.

HONORS GRADING REQUIREMENTS: Students may opt to take this course for honors credit. This decision will be made in consultation with the instructor during the first weeks of the course. A contract stating the expectations for the honors credit will specify the more stringent requirements.

# ENGLISH

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## 0062 CONTEMPORARY LITERATURE (4)

SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 11,12

Novels depicting heroes or main characters solving everyday adolescent problems will be read in this course: *Bucking the Sarge*, *Going Where I'm Coming From*, *How the Garcia Girls Lost Their Accent*, *Remember Me*, *Shoeless Joe Jackson*, *The Voice That Challenged a Nation*, and *You Don't Know Me*.

NOTE: This course is designed as a developmental-reading course.

## 0057 CREATIVE WRITING (4-5)

SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *A recommended grade of B or better in a previous level 4 English course and/or a recommended grade of B or better in 0070 COLLEGE-BOUND COMPOSITION.*

This course is for the student whose interest is in using the written word as a means of artistic creative expression. Shorter works of literature may be studied and analyzed as models of form and technique for the student's writing. Emphasis will be on student writing of essays, poetry, short stories, and drama.

HONORS GRADING REQUIREMENTS: Students may opt to take this course for honors credit. This decision will be made in consultation with the instructor during the first weeks of class, based on evaluation of students' work. Work on the *Carpe Diem* to prepare it for publication is required. Specific editorial responsibilities will be worked out between student and instructor.

## 0069 FANTASY LITERATURE (4)

SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 11,12

This course is designed for those students who like the fantasy genre of science fiction. Students will study a collection of short stories from *Grimm's Fairy Tales* and the short story, "A Very Old Man with Enormous Wings," the novels: *Dragonflight*, *The Hobbit*, *The Lord of the Rings: Fellowship of the Ring*, *The Once and Future King*, and the films, *Edward Scissorhands*, and *Willow*. Selections from the television show, *Buffy the Vampire Slayer*, and *The Magic Realism* film will also be used to explore this genre of literature. All films are rated PG.

## 0033 JOURNALISM I (4-5)

SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 10,11,12

PRE-REQUISITE: *A recommended grade of C or better in 0018 SOPHOMORE COMPOSITION and/or recommendation of writing teacher*

Emphasis is on the development of writing skills used by newspaper reporters. Students shall have the opportunity to learn journalistic writing as compared to the conventional English composition form. Topics covered include the history of journalism in the United States, journalism law, news-writing, copy reading, feature writing, sports writing, editorial writing, headline writing, advertising, computer layout, and photography.

HONORS GRADING REQUIREMENTS: Students may opt to take this course for honors credit. This decision will be made in consultation with the instructor during the first week of class, based on evaluation of students' work. Work on *The Wall* to prepare it for publication is required. Specific editorial responsibilities will be worked out between student and instructor.

## 0034 JOURNALISM II (4-5)

SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 10,11,12

PRE-REQUISITE: *A recommended grade of C or better in 0033 JOURNALISM I and/or recommendation of writing instructor*

Emphasis will be on the publication of the school newspaper using the computer. Students will function as a newspaper staff, becoming reporters, photographers, copy editors, layout editors, etc. Since deadlines must be met, out-of-class time will be expected from students to take pictures of various events and to finish layout before publication.

HONORS GRADING REQUIREMENTS: Students may opt to take this course for honors credit. This decision will be made in consultation with the instructor during the first week of class, based on evaluation of students' work. Work on *The Wall* to prepare it for publication is required. Specific editorial responsibilities will be worked out between student and instructor.

# ENGLISH

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## 0035 MODERN NOVELS I (4)

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 11,12

PRE-REQUISITE: *Students who completed 0024 SOPHOMORE ENGLISH may take this course with the recommendation of their most recent instructor.*

This course will focus on the various genres of detective and mystery novels, such as the forensics expert, the female detective, the hard-boiled detective, the comic detective, the private investigator and the “nameless” detective. *Two for the Dough*, by Janet Evanovich, *Mischief*, by Ed McBain, *First to Die*, by James Patterson, *The Client*, by John Grisham, *A is for Alibi*, by Sue Grafton, and *Postmortem*, by Patricia Cornwell will be the focus of study. Only one novel from a series will be read to introduce the student to that author and genre. Movies will be shown to illustrate other genres.

NOTE: In many modern novels, plot and language require mature readers. If you could be offended by this type of material or if you are squeamish about talking about death, please consider another elective.

## 0036 MODERN NOVELS II (4)

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 11,12

PRE-REQUISITE: *Students who completed 0024 SOPHOMORE ENGLISH may take this course with the recommendation of their most recent instructor.*

0035 MODERN NOVELS I is not a pre-requisite to this course; however, students who have taken 0035 MODERN NOVELS I will already be trained in the skills of reading this genre of novel.

Students will continue their study of the mystery/courtroom genre of modern novels. Novels covered include *Gone for Good*, by Harlan Coben, *Basket Case*, by Carl Hiassen, *Skeleton Canyon*, by J. A. Jance, *Monster*, by Jonathan Kellerman, *Back Story*, by Robert Parker, and *The Next Accident*, by Lisa Gardner.

NOTE: In many modern novels, plot and language require mature readers. If you could be offended by this type of material or if you are squeamish about talking about death, please consider another elective.

## 0077 MYSTERY STORIES (4)

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 11,12

This course is designed for the student who is interested in reading and analyzing elements of mystery stories. Students will read and discuss stories dealing with crime, horror, mystery, and murder from such works as *The Kidnapping of Christina Latimore*, *The Long Blue Good Bye*, and *When the Wind Blows*.

NOTE: This course is designed as a developmental reading course.

## 0088 MYTHOLOGY (4)

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 11,12

This course covers Greek and Roman mythology. Students read such works as *Antigone*, *Edith Hamilton's Mythology*, *Oedipus the King*, *The Aeneid*, *The Iliad*, and *The Odyssey*. Most of the course focuses on the Trojan War Cycle in Greece and Roman epics. Because many of these myths are translated, the reading level may be difficult at times. This course is recommended for the college-bound student.

## 0085 RECENT LITERATURE (4)

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 11,12

Students read and discuss six or seven literary works based on themes pertinent to teenagers. Students are exposed to a variety of types of fiction, including science fiction, Westerns, plays, short stories, and problem novels. Titles of works read include *Acceleration*; *Iceberg*; *Maus*; *The Bean Trees*; *The Circuit*; *The Prize Winner of Defiance, Ohio*; and a unit on children's literature.

NOTE: This course is designed as a developmental reading course.

## 0086 SCIENCE FICTION (4)

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 11,12

This course will cover the history and themes of science fiction, excluding fantasy literature. Students will explore the genre of science fiction through novels, short stories, and films. The themes of time and space travel, man tampering with nature, and man against technology will be explored.

# ENGLISH

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Works include *Ender's Game*, *The Time Machine*, *2001: A Space Odyssey*, and selected short stories. Films include *Aliens*, *Alien Planet*, *Forbidden Planet*, *Star Trek: The Wrath of Khan*, and *Star Wars Episode 4*.

NOTE: Also open to sophomores who have successfully completed 0014 FRESHMAN ENGLISH H.

**0037 SPEECH (4)**  
SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 10,11,12

PRE-REQUISITE: *Sophomores should have a grade of B or better in 0012 FRESHMAN ENGLISH.*

A technical approach to speech is the purpose of this course. The student is taught how to research and to organize information for presenting different types of speeches: speeches to inform, speeches to persuade, speeches on issues, and debate. Included is an introduction to oral techniques in speech presentation and some interpretative work, dramatic or humorous interpretation, radio announcing and original comedy. Parliamentary procedure is also studied.

**0042 THEATER ARTS I (4)**  
SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 10,11,12

PRE-REQUISITE: *Sophomores should have a grade of B or better in 0012 FRESHMAN ENGLISH.*

A study of theater history from the Greeks to the present, dramatic structure, and the evaluation of theater are included. Preliminary experience in creative dramatics, oral interpretation, and acting is given through student presentation of scenes. A more in-depth emphasis on student acting and directing will continue in the second semester. The technical demands and aspects of drama, including lighting, props, and scenery requirements, will be covered.

NOTE: Some universities and colleges do not accept drama courses as part of their English requirement for admission. Students electing this course should check specific college entrance requirements or take at least 40 hours of English in addition to this course. This course does not qualify as an NCAA core course.

**0043 THEATER ARTS II (4-5)**  
SEMESTER COURSE (SPRING ONLY)  
5 SEM HOURS  
OPEN TO: 10,11,12

PRE-REQUISITE: *Successful completion of 0042 THEATER ARTS I*

This course is designed to build upon the skills learned in 0042 THEATER ARTS I. Students will continue their study of acting through work on memorized scenes and monologues. The class will study the technical demands of several scripts and evaluate the scripts for possible production. The course will include the preparation of a full-length play or a series of shorter plays for public performance. Students in the class will serve as actors and crew for the production and assist in all production aspects of the show.

NOTE: Some universities and colleges do not accept drama courses as part of their English requirement for admission. Students electing this course should check specific college entrance requirements or take at least 40 hours of English in addition to this course. This course does not qualify as an NCAA core course.

HONORS GRADING REQUIREMENTS: Students may opt to take this course for honors credit. This decision will be made in consultation with the instructor during the first weeks of class. The student who elects to take 0043 THEATER ARTS II for honors credit will be required to direct a one-act play with the class as a cast and/or serve as assistant director or stage manager for one of the school plays. One of the requirements includes participation on crews and/or committee work for school productions.

**0021 WORLD STUDIES (4)**  
YEAR COURSE  
20 SEM HOURS  
OPEN TO: 10  
NOT OFFERED IN 2009-2010

PRE-REQUISITE: *Level 4 recommendation in both English and social studies are encouraged; successful completion of 0012 or 0014 FRESHMAN ENGLISH*

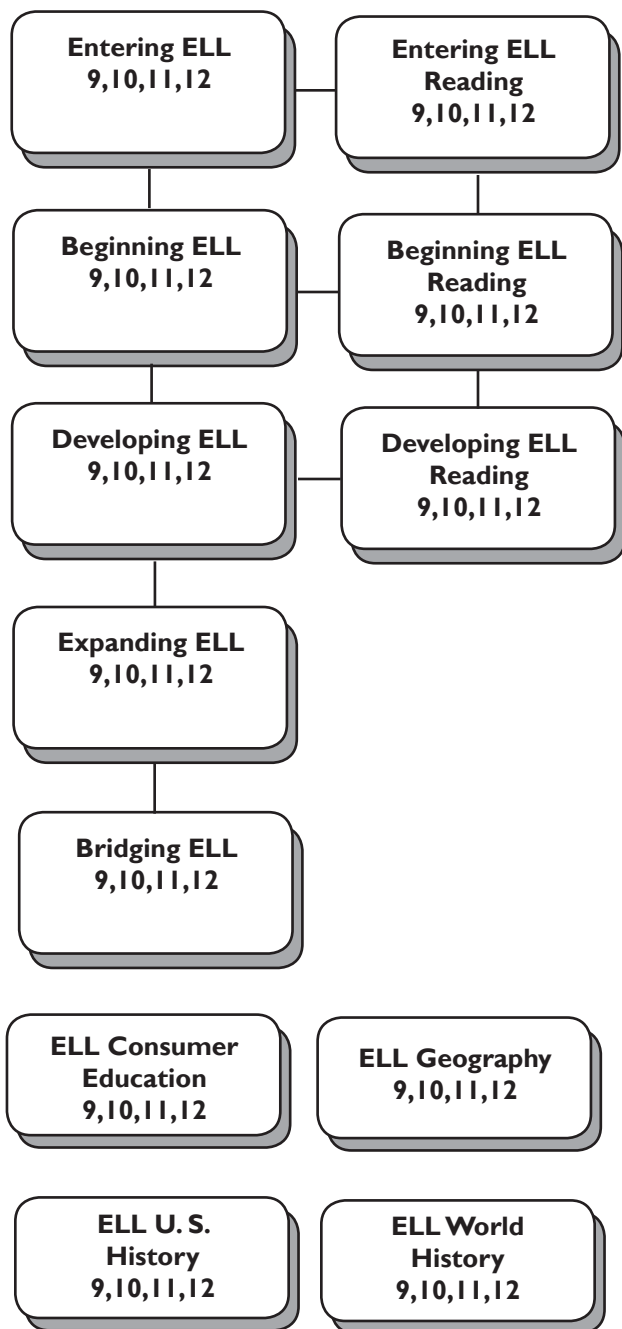
This course is an interdisciplinary approach to world history. Students will explore the social, economic, political and religious developments and -isms of both Western and non-Western civilizations. Literature and writing assignments will analyze authors' styles, techniques, and themes as they relate to the historical setting. Group assignments, projects, and seminars will be incorporated into various units. Completion of This course meets graduation requirements of 1502 WORLD HISTORY, 0018 SOPHOMORE COMPOSITION, and 0022 SOPHOMORE LITERATURE.

# ENGLISH LANGUAGE LEARNERS (ELL)

**“Travel and change of place impart new vigor to the mind.”** Seneca

The ELL program is designed to provide educational opportunities to the linguistically and culturally different student. The curriculum is designed to address the student’s varying levels of English fluency. Enrollment is based on teacher and counselor recommendations, school records and grades, and scores on various language fluency tests.

NOTE: ELL classes do not qualify as NCAA core courses; however, advanced ELL courses may be used but must be reviewed on a case-by-case basis. Any student who wishes to have advanced ELL courses considered when determining his or her initial eligibility must contact the institution he or she will be attending in order to begin the approval process.



**7310 ENTERING ELL (4)**  
 YEAR COURSE  
 10 SEM HOURS  
 OPEN TO: 9,10,11,12

This course is designed for a newcomer who has no English skills and has never studied English. Beginning vocabulary development will be on survival language in areas such as school, home, family, clothing, transportation, etc. Students will begin to write sentences using basic simple structures.

NOTE: This course does not qualify as an NCAA core course.

**7311 ENTERING ELL READING (4)**  
 YEAR COURSE  
 10 SEM HOURS  
 OPEN TO: 9,10,11,12

This course is designed for a newcomer who has no English skills and has never studied English. Basic skills such as the alphabet and sounds will be learned. Students will begin to read in English and the focus of the class will be on building the student’s vocabulary. Writing will also be done in this class.

**7312 BEGINNING ELL (4)**  
 YEAR COURSE  
 10 SEM HOURS  
 OPEN TO: 9,10,11,12

This course is designed for the beginning language student who has little English fluency. Primary focus is on aural comprehension and speaking of the English language. Writing skills will be developed as well as basic grammar of the English language including simple and progressive present and past tenses.

NOTE: Combined with 7313 BEGINNING ELL READING, this course counts as general English credit toward graduation.

NOTE: This course does not qualify as an NCAA core course.

# ENGLISH LANGUAGE LEARNERS (ELL)

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## **7313 BEGINNING ELL READING (4)**

YEAR COURSE

10 SEM HOURS

OPEN TO: 9,10,11,12

PRE-REQUISITE: *Middle school recommendation or placement based on testing*

This course is designed for the beginning language student who has little English skills. Various short stories will be read with an emphasis on vocabulary. Basic literary concepts will be introduced. Writing will also be done in this class.

NOTE: Combined with 7312 BEGINNING ELL, this course counts as general English credit toward graduation.

## **7314 DEVELOPING ELL (4)**

YEAR COURSE

10 SEM HOURS

OPEN TO: 9,10,11,12

PRE-REQUISITE: *Successful completion of 7312 BEGINNING ELL or proficiency*

This course is designed for the ELL student who has some aural comprehension and production of English. Basic survival vocabulary development will continue, as well as concentration on simple and progressive present and past tenses, the future tense and parts of speech. Writing skills will continue to be developed

NOTE: Combined with 7315 DEVELOPING ELL READING, this counts as general English credit toward graduation.

NOTE: This course does not qualify as an NCAA core course.

## **7315 DEVELOPING ELL READING (4)**

YEAR COURSE

10 SEM HOURS

OPEN TO: 9,10,11,12

PRE-REQUISITE: *Middle school recommendation, testing or successful completion of 7313 BEGINNING ELL READING*

In this course students will read short stories, a novel, poetry, and short dramas. Emphasis will be given to vocabulary. Various literary concepts will be explored. Students will also be expected to write critical essays and papers related to the stories read.

NOTE: Combined with 7314 DEVELOPING ELL this counts as general English credit toward graduation.

## **7316 EXPANDING ELL (4)**

YEAR COURSE

10 SEM HOURS

OPEN TO: 9,10,11,12

PRE-REQUISITE: *Successful completion of 7314 DEVELOPING ELL or proficiency*

This course is designed for the ELL student with a social command of the English language. The student will, however, advance his/her reading level and continue to develop a more academic vocabulary. More complex grammatical structures will be studied. American idioms will be discussed. Speech-giving skills will also be developed.

NOTE: This course does not qualify as an NCAA core course.

## **7318 BRIDGING ELL (4)**

YEAR COURSE

10 SEM HOURS

OPEN TO: 9,10,11,12

PRE-REQUISITE: *Successful completion of 7316 EXPANDING ELL or proficiency*

This course is designed for the ELL student who is nearing proficiency in comparison to native-like English fluency and reading ability but who still requires extended vocabulary development and perfection of the writing process. Literature studies, process writing and speech giving will be the major components of this course.

## **7322 ELL TUTORIAL**

YEAR COURSE

NO CREDIT

OPEN TO: 9,10,11,12

This course provides tutorial assistance with regular and ELL curriculum courses. Students are to bring homework assignments to this class for individual and small group assistance. Peer tutoring and direct teacher instruction are both utilized to help students improve their English comprehension.

# ENGLISH LANGUAGE LEARNERS (ELL)

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## **7334 ELL CONSUMER EDUCATION (4)**

QUARTER COURSE

2.5 SEM HOURS

OPEN TO: 9,10,11,12

Emphasis is placed on improving the student's consumer buying and money management skills. This course is designed to meet state requirements by including the topics of comparison shopping, installment buying, budgeting, and the free enterprise system. Other subject areas studied include advertising, consumer fraud, food, clothing, housing, transportation, banking, investments, insurance and taxes.

NOTE: Successful completion or proficiency of this course is required for graduation.

## **7330 ELL GEOGRAPHY (4)**

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 9,10,11,12

The need for geographic literacy has never been greater or more obvious than in today's tightly interrelated world. Students will understand the world's physical features, how they blend with social systems, and how they affect economies, politics, and human interaction. The students will learn to grasp geography and its effect on individuals and societies; they will know the broad concepts of spatial patterns, mapping, population, and physical systems: land, air, and water.

NOTE: Beginning with the class of 2012, successful completion of this course is required for graduation.

## **7332 ELL US HISTORY (4)**

YEAR COURSE

10 SEM HOURS

OPEN TO: 9,10,11,12

This course covers the full range of American history from pre-Colonial times to the present using a topical approach. Emphasis is placed upon the development of the student's potential to research and analyze historical resources. Students will analyze the cause and effect relationship of the past to the present.

NOTE: Successful completion of this course is required for graduation.

## **7328 ELL WORLD HISTORY (4)**

YEAR COURSE

10 SEM HOURS

OPEN TO: 9,10,11,12

NOT OFFERED IN 2009-2010

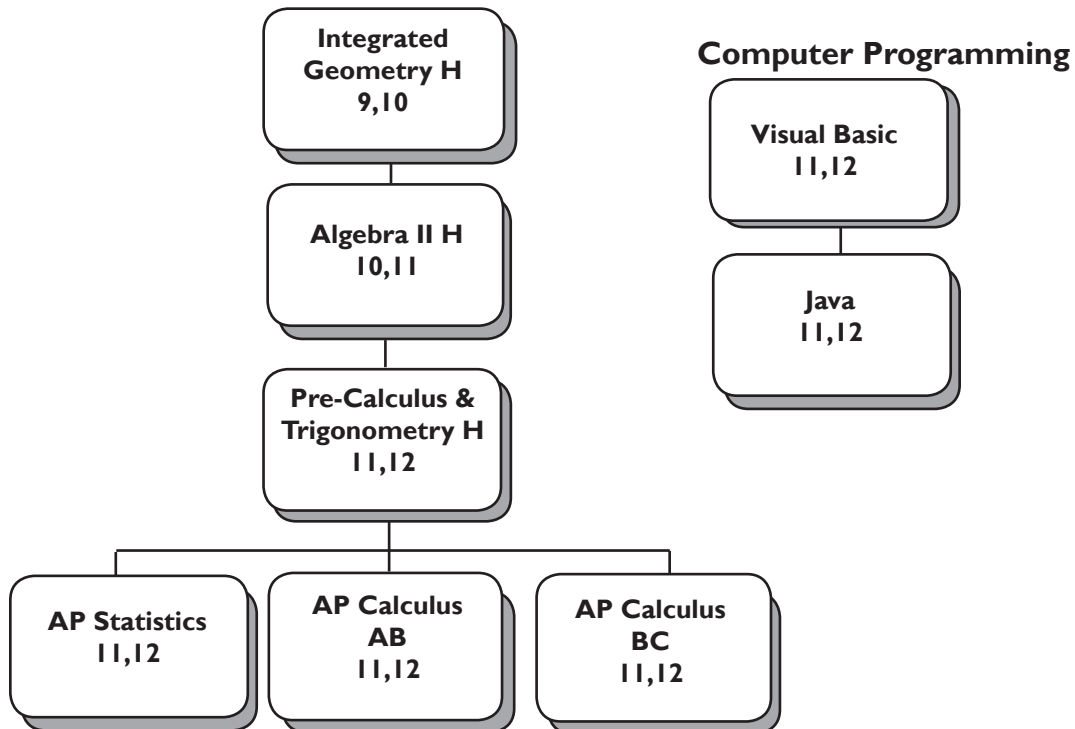
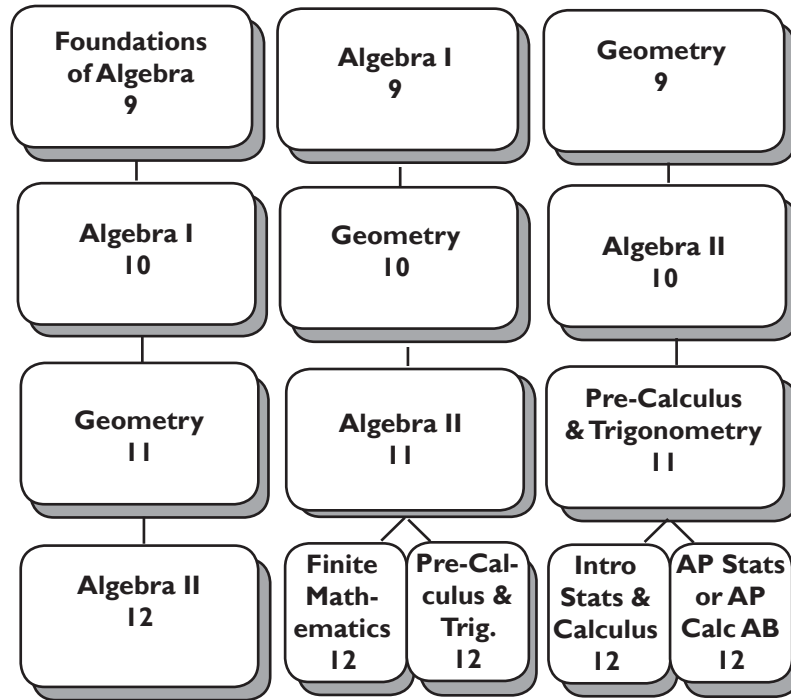
Students study Western civilization from its beginnings to the present time. Topics studied include religion, power, economics, nationalism, imperialism, the quest for knowledge, and war and peace. World problems of today and their historical origins are discussed. Students study the key social, economic, and political developments of humankind. A review of the geography of the areas discussed is included. Students are expected to do research work.

NOTE: Successful completion of this course is required for graduation.

# MATHEMATICS

“A mathematician, like a painter or a poet, is a maker of patterns.”

Godfrey Harold Hardy



# MATHEMATICS

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All students are required to pass a three-year sequence of mathematics starting in ninth grade. **Students must also complete a one-year course in geometry.** All freshmen will be placed in the appropriate course based on eighth grade teacher recommendation, standardized test scores, and middle school achievement. Proper placement in the first course is critical to each student's success; therefore, these recommendations must be followed. Student placement in subsequent mathematics courses is based on mathematics class achievement and is reviewed annually. Students failing the first semester of a year course may be dropped from that course and re-scheduled for the appropriate mathematics course the following school year.

Students planning to attend a 4-year college should take a minimum of 3 years of college-recognized mathematics in high school. Most colleges **do not** recognize 0516 PRE-ALGEBRA/FOUNDATIONS OF ALGEBRA or 0518 FUNDAMENTALS OF ALGEBRA AND GEOMETRY. College-bound students who are planning on majoring in a mathematics-related field in college should take mathematics all 4 years.

Calculators are used extensively throughout the mathematics curriculum. All students should have their own calculators. Please see course descriptions and check with the mathematics department for which types of calculators are appropriate.

Honors mathematics students are encouraged to join the WHS or WNHS Math Team. Practices for various competitions are held after school. Interested students should ask their teacher for information about Math Team.

Students taking mathematics courses outside of WHS or WNHS must take a D200 high school proficiency exam to show they have mastered the material at that level before being allowed to register for the next level of mathematics at WHS or WNHS. Students may be eligible to earn honors credit for mathematics courses taken through a non-D200 school beyond AP Calculus AB, AP Calculus BC, or AP Statistics.

## **0516M FOUNDATIONS OF ALGEBRA (4)**

YEAR COURSE

10 SEM HOURS

OPEN TO: 9

PRE-REQUISITE: *Recommendation of eighth grade teacher is required.*

This course emphasizes four of the main components of Algebra: simplify, solve, evaluate, and graph. Simplifying involves using signed numbers and algebraic expressions. Solving includes simple and complex equations and inequalities, including word problems and systems of linear equations. Evaluating algebraic expressions will be emphasized. Graphing of linear relationships is also part of this course.

## **0518 FUNDAMENTALS OF ALGEBRA AND GEOMETRY (4)**

YEAR COURSE

10 SEM HOURS

OPEN TO: 10,11

PRE-REQUISITE: *Successful completion of 0516 FOUNDATIONS OF ALGEBRA and recommendation of teacher is required.*

This course will integrate the basic concepts of algebra and geometry in an activity-based discovery approach. The topics covered will include working with data, modeling mathematics, drawings and patterns, equations, spatial relations, ratio and

proportion, probability and decision-making, and functions. A scientific calculator is required.

NOTE: Successful completion of this course will fulfill the geometry requirement for graduation. This course is not applicable toward meeting most college admissions requirements. This course does not qualify as an NCAA core course.

## **0526F AND 0526 ALGEBRA I (4)**

YEAR COURSE

10 SEM HOURS

OPEN TO: 9,10

PRE-REQUISITE: *Recommendation of eighth grade teacher or successful completion of 0516 FOUNDATIONS OF ALGEBRA with recommendation of teacher is required.*

This course emphasizes the five main commands of algebra: simplify, solve, evaluate, factor, and graph. Simplifying involves operations using signed numbers, polynomials, algebraic fractions, and irrational numbers. Solving includes simple and complex equations and inequalities, along with particular weight given to word problems. Evaluating algebraic expressions will be emphasized. Factoring of binomials and trinomials will be done. Graphing of linear and quadratic equations is also part of this course as well as a unit on probability and statistics.

NOTE: Use of a scientific calculator is required

# MATHEMATICS

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## **0536M AND 0536 GEOMETRY (4)**

YEAR COURSE

10 SEM HOURS

OPEN TO: 9,10,11,12

PRE-REQUISITE: *High school students must successfully complete 0526F or 0526 ALGEBRA I. Eighth grade students should have teacher recommendation.*

This course begins with the building blocks gradually leading to formal proof: undefined terms, definitions, postulates, and theorems. With these resources the students will then learn to organize their thoughts and draw valid conclusions. Special emphasis will be given to properties of parallel and perpendicular lines, congruent triangles, similar polygons, circles, quadrilaterals, areas and volumes, coordinate geometry, logic, constructions, and trigonometry. A transformational approach is emphasized throughout the course.

NOTE: A scientific calculator with trig functions, a safety compass and a protractor are required

## **0532 INTEGRATED GEOMETRY H (5)**

YEAR COURSE

10 SEM HOURS

OPEN TO: 9,10

PRE-REQUISITE: *Incoming eighth graders must have recommendation of eighth grade mathematics teacher and a score of 90% or above on high school mathematics placement test. Current ninth graders are required to have recommendation of algebra teacher and a score of 90% or above on high school mathematics placement test.*

This course covers essentially the same material covered in 0536 GEOMETRY but on an advanced level. Significant emphasis on proofs and challenging problems further distinguish this course from 0536 GEOMETRY. A mathematics project is required during both semesters.

NOTE: A scientific calculator with trig functions is required

## **0546M AND 0546 ALGEBRA II (4)**

YEAR COURSE

10 SEM HOURS

OPEN TO: 10,11,12

PRE-REQUISITE: *Successful completion of 0536M or 0536 GEOMETRY or recommendation of 0532 INTEGRATED GEOMETRY H teacher is required.*

Students in this course study linear and quadratic equations and inequalities, systems, matrices and determinants, relations and functions, powers and roots, exponential and logarithmic functions, polynomial and rational functions, conic sections, series and sequences, and complex numbers. A unit in probability and statistics will also be included in this course. This course is designed for the college-bound student.

NOTE: Use of a graphing calculator is required. The TI-83 Plus or the TI-84 calculators are the recommended models. Instruction is provided on these models.

## **0552 ALGEBRA II H (5)**

YEAR COURSE

10 SEM HOURS

OPEN TO: 10,11

PRE-REQUISITE: *Recommended grade of C or better in 0532 INTEGRATED GEOMETRY H or recommended grade of A in 0536 GEOMETRY and recommendation of 0536 GEOMETRY teacher is required. Standardized test score requirements from the previous honors mathematics class will also be considered.*

This advanced course emphasizes both the development and use of advanced algebra skills. Topics studied include functions, systems, complex numbers, sequences and series, an introduction to three-dimensional graphing, limits, logarithms, and modeling of real-world situations. A mathematics project is required.

NOTE: Use of a graphing calculator is required. The TI-83 Plus or TI-84 calculators are the recommended models. Instruction is provided on these models.

## **0557 FINITE MATHEMATICS (4)**

YEAR COURSE

10 SEM HOURS

OPEN TO: 11,12

PRE-REQUISITE: *Successful completion of 0546M ALGEBRA II and/or recommendation of 0546M ALGEBRA II teacher or 0546 ALGEBRA II teacher is required.*

This course is designed to be a survey course of introductory college mathematics. Topics include advanced/college algebra, probability and statistics, consumer math, logic and set theory, and geometry. The students in this course will participate in many project-based lessons.

# MATHEMATICS

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## 0562 PRE-CALCULUS & TRIGONOMETRY (4)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *Successful completion of 0546 ALGEBRA II or recommendation of 0552 ALGEBRA II H teacher is required.*

This course covers trigonometry with an emphasis on graphing and applications, complex numbers, conic sections, sequences, limits, statistics, relations and functions, and modeling of real-life situations. The course is designed for students who wish to pursue a mathematics-related major in college.

NOTE: Use of a graphing calculator is required. The TI-83 Plus or TI-84 calculators are the recommended models. Instruction is provided on these models.

## 0566 PRE-CALCULUS & TRIGONOMETRY H (5)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *Recommended grade of C or better in 0552 ALGEBRA II H and recommendation of teacher. Standardized test score requirements from the previous honors mathematics class will also be considered.*

This course covers trigonometry with an emphasis on the analytical aspect by extensive use of the graphing calculator. Topics covered include complex numbers, systems of equations, exponential functions, logarithmic functions, algebraic functions and their graphs, limits, the derivative definition, and differentiation skills. A mathematics project is required each semester.

NOTE: Use of a graphing calculator is required. The TI-83 Plus or TI-84 calculators are the recommended models. Instruction is provided on these models.

## 0572 INTRODUCTORY COLLEGE STATISTICS & CALCULUS (4)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 12

PRE-REQUISITE: *Successful completion of 0562 PRE-CALCULUS & TRIGONOMETRY or recommendation of 0566 PRE-CALCULUS & TRIGONOMETRY H teacher*

This course is designed to prepare the student to succeed in calculus and other finite mathematics courses in college. The

content is divided into two primary sections: statistics and probability, and introductory calculus.

NOTE: Use of a graphing calculator is required. The TI-83 Plus or TI-84 calculators are the recommended models. Instruction is provided on these models.

## 0573 AP STATISTICS (5)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *A recommended grade of B or better in 0562 PRE-CALCULUS AND TRIGONOMETRY or successful completion of 0566 PRE-CALCULUS AND TRIGONOMETRY H, along with teacher recommendation. Approval of the current AP teacher who will consider the above pre-requisite along with other criteria, such as overall GPA and other pertinent information, is required.*

This course is designed to provide students with the opportunity to pursue college-level studies while still in secondary school. Students are prepared to participate in the AP Statistics exam for the purpose of receiving credit and/or advanced placement upon entering college. Topics include measures of central tendency, probability, random variables, discrete and continuous probability distributions, confidence intervals, hypothesis testing, regression, and correlation. An appropriate project is required.

NOTE: Use of a graphing calculator is required. The TI-83 PLUS or TI-84 calculators are the recommended models. Instruction is provided on these models.

## 0578 AP CALCULUS AB (5)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *Recommended grade of C or better in 0566 PRE-CALCULUS & TRIGONOMETRY H and recommendation of teacher. Approval of the current AP teacher who will consider the above pre-requisite along with other criteria, such as overall GPA and other pertinent information, is required.*

This course is designed to provide students with the opportunity to pursue college-level studies while still in secondary school. Students are prepared to participate in the AP Calculus AB exam for the purpose of receiving credit and/or advanced placement upon entering college. Topics include limits, derivatives and applications, mean value theorem, fundamental theo-

# MATHEMATICS

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rem of calculus, elementary integration and applications, and transcendental functions. An appropriate project is required.

NOTE: Use of a graphing calculator is required. The TI-83 Plus or TI-84 calculators are the recommended models. Instruction is provided on these models.

**0579 AP CALCULUS BC (5)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *Successful completion of 0566 PRE-CALCULUS AND TRIGONOMETRY H with a recommended grade of B or better and approval of the current AP teacher who will consider the above pre-requisite along with other criteria such as overall GPA and other pertinent information*

This course is designed to provide students with the opportunity to pursue college-level studies while still in secondary school. Students are prepared to participate in the AP Calculus BC exam for the purpose of receiving credit and/or advanced placement upon entering college. Topics include limits; differentiation and applications of derivatives; integration and applications of integrals; polynomial approximations and series; and parametric, polar, and vector functions. An appropriate project is required.

NOTE: Use of a graphing calculator is required. The TI-83 PLUS or TI-84 calculators are the recommended models. Instruction is provided on these models.

## Computer Programming

**0580 VISUAL BASIC (4)**  
SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *Successful completion of 0526 ALGEBRA 1 and 0536 GEOMETRY or teacher recommendation*

This course is an introductory course into computer programming and computer science using the event-driven programming language Visual Basic. The objective of all programming is to model or simulate processes in the real world or to solve problems of definable and rational nature. Students will learn both computer science principles and programming best-practices in an environment that will allow them to develop

self-confidence and to foster creativity, preparing them for future success by bolstering technological comfort.

NOTE: This course does not qualify as an NCAA core course.

**0581 JAVA (4)**  
SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *Successful completion of 0580 VISUAL BASIC and teacher recommendation*

This course is the second course into computer programming and computer science. This class introduces the object-oriented language Java. Java is extensively used in many business and practical applications. It is also the language many colleges use to teach first year computer science classes and the language used by the College Board AP exam. Object-oriented programming methodology, problem solving, algorithm development, and use of different data structures will be covered.

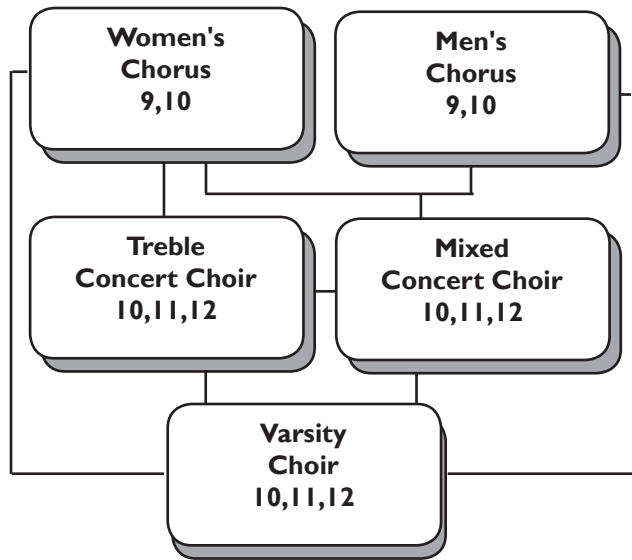
NOTE: This course does not qualify as an NCAA core course.

# MUSIC

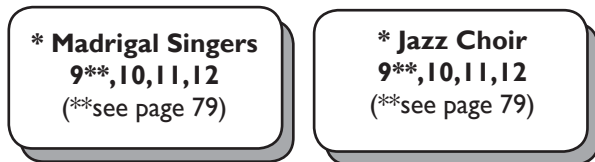
## “Music is the window to the soul.”

The music department curriculum offers courses that highlight performance as well as music production techniques, sight reading, and theory. Critical thinking skills are stressed as students join in the music-making process. College-bound students are encouraged to take music courses to fulfill the recommendation of many state colleges which require Fine Arts courses in high school. Music Appreciation, AP Music Theory, and guitar classes are also offered as non-performance courses.

### Vocal Music



### SPECIALTY GROUPS



*\*Specialty groups require co-enrollment in another choir or band.*

**3042 MEN'S CHORUS (4)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9,10

PRE-REQUISITE: *Audition as outlined in the "Audition Procedures" section on page 82 for 11th and 12th graders only*

This beginning choir of male voices will be exposed to and perform music from many different periods of history. Work on vocal technique, sight-reading skills and theory will be stressed. Required performances may include, but are not limited to, the fall concert, holiday concert, festival concerts, winter concert, spring concert and state contests.

**3044 WOMEN'S CHORUS (4)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9,10

PRE-REQUISITE: *Audition as outlined in the "Audition Procedures" section on page 82 for 11th and 12th graders only*

This beginning choir of female voices will be exposed to and perform music from many different periods of history. Work on vocal technique, sight-reading skills and theory will be stressed. Required performances may include, but are not limited to, the fall concert, holiday concert, festival concerts, winter concert, spring concert, and state contests.

**3048 TREBLE CONCERT CHOIR (4)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO 10,11,12

PRE-REQUISITE: *3044 WOMEN'S CHORUS and/or audition as outlined in the "Audition Procedures" section on page 82*

This choir of treble voices will be exposed to and perform music from many different periods of history. Work on intermediate vocal technique, sight-reading skills and theory is stressed. Required performances include, but are not limited to, the fall concert, holiday concert, festival concerts, Madrigal dinner/concert, winter concert, spring concert, state contests and any other shows if given at least one month's notice.

# MUSIC

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## **3052 MIXED CONCERT CHOIR (4)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 10,11,12

PRE-REQUISITE: *3042 MEN'S CHORUS, 3044 WOMEN'S CHORUS and/or an audition as outlined in the "Audition Procedures" section on page 82*

This choir of mixed voices will be exposed to and perform music from many different periods of history. Work on intermediate vocal technique, sight-reading skills and theory is stressed. Required performances may include, but are not limited to, the fall concert, holiday concert, festival concerts, winter concert, spring concert, state contests and any other shows if given at least one month's notice.

## **3062 VARSITY CHOIR (4-5)\***

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 10,11,12

PRE-REQUISITE: *3042 MEN'S CHORUS, 3044 WOMEN'S CHORUS, 3048 TREBLE CONCERT CHOIR and/or 3052 MIXED CONCERT CHOIR and/or an audition as outlined in the "Audition Procedures" section on page 82*

This advanced choir of mixed voices will perform choral literature from many periods in history. Continued work on advanced vocal technique, sight-reading skills, and theory is included. Required performances may include, but are not limited to, the fall concert, holiday concert, festival concerts, winter concert, spring concert, state contests and any other shows if given at least one month's notice.

HONORS GRADING REQUIREMENTS: Students taking this option have the same opportunities and responsibilities as listed in 3062 VARSITY CHOIR. Additionally Varsity Choir honor students complete a quarterly honors project and must successfully participate in one of the following throughout the year: perform in a specialty ensemble (MADRIGALS and JAZZ CHOIR **do not** fulfill this requirement), take private lessons, or tutor other music students. This course is designed for students who excel in music and wish to have a greater depth of study.

\*The honors option is only open to students in either 11th or 12th grade.

## **3072 JAZZ CHOIR (4)**

YEAR COURSE  
4 SEM HOURS - T,R  
OPEN TO: 9\*\*,10,11,12

PRE-REQUISITE: *Co-enrollment in a school music ensemble and an audition as outlined in the "Audition Procedures" section on page 82*

This group of 16-24 students will perform music of the popular idiom. Advanced vocal skills and techniques are developed. Required performances include, but are not limited to, the fall concert, holiday concert, festival concerts, spring concerts, state contests, and any other shows if given at least one month's notice.

\*\* *If there are not adequate voices to fill the ensemble during the spring audition, fall auditions will be opened to students in grades 9 through 12.*

## **3076 MADRIGAL SINGERS (4)**

YEAR COURSE  
6 SEM HOURS - M,W,F  
OPEN TO: 9\*\*,10,11,12

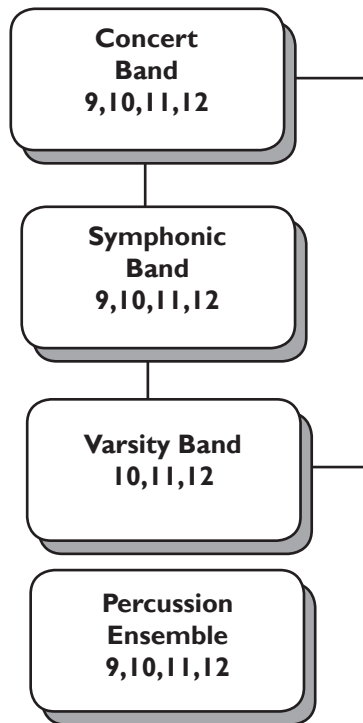
PRE-REQUISITE: *Co-enrollment in a school music ensemble and an audition as outlined in the "Audition Procedures" section on page 82*

This group of 14-24 students will perform music of the madrigal and chamber music genre. Advanced vocal skills and techniques are developed. Required performances include, but are not limited to, the fall concert, Madrigal Dinner, holiday concert, festival concerts, spring concerts, state contests, and any other shows if given at least one month's notice.

\*\* *If there are not adequate voices to fill the ensemble during the spring audition, fall auditions will be opened to students in grades 9 through 12.*

# MUSIC

## Instrumental Music



### SPECIALTY GROUPS



\* Specialty groups require co-enrollment in another choir or band.

### 3012 CONCERT BAND (4)

YEAR COURSE

10 SEM HOURS

OPEN TO: 9,10,11,12

PRE-REQUISITE: *Audition as outlined in the "Audition Procedures" section on page 82*

Fundamentals will be stressed through a wide variety of music to help younger musicians develop the technical skills needed to play their instruments. Work on instrumental technique, sight-reading skills, and theory is stressed. Required performances include, but are not limited to, the holiday, winter, spring, festival concerts, and other performances if students are given at least one month's notice. There will also be opportunities for involvement in state contests.

### 3016 SYMPHONIC BAND (4)

YEAR COURSE

10 SEM HOURS

OPEN TO: 9,10,11,12

PRE-REQUISITE: *Audition as outlined in the "Audition Procedures" section on page 82*

A wide variety of music is used to develop an understanding and appreciation of music and to increase musical skills. Work on intermediate instrumental technique, sight-reading skills, and theory is stressed. Required performances include, but are not limited to, the holiday, winter, spring, festival concerts, and other performances if students are given at least one month's notice. There will also be opportunities for involvement in state contests.

### 3019 VARSITY BAND (4-5)\*

YEAR COURSE

10 SEM HOURS

OPEN TO: 10,11,12

PRE-REQUISITE: *Audition as outlined in the "Audition Procedures" section on page 82*

This advanced ensemble which includes winds and percussion will be exposed to and perform music of many different styles and periods of history. Work on advanced instrumental technique, sight-reading skills, and theory is stressed. Required performances include, but are not limited to, the holiday, winter, spring, festival concerts and other performances if students are given at least one month's notice. There will also be opportunities for involvement in state contests.

HONORS GRADING REQUIREMENTS: Students taking this option have the same opportunities and responsibilities as listed in 3019 VARSITY BAND. Additionally, students complete a quarterly honors project and must successfully participate in one of the following throughout the year: perform in a specialty ensemble (3018 JAZZ ENSEMBLE and 3014 JAZZ LAB do not fulfill this requirement), take private lessons, or tutor other music students. This course is designed for students who excel in music and wish to have a greater depth of study.

\*The honors option is only open to students in either 11th or 12th grade.

# MUSIC

## 3010 PERCUSSION ENSEMBLE (4)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9,10,11,12

PRE-REQUISITE: *Audition as outlined in the "Audition Procedures" section on page 82*

This course is designed to familiarize percussionists with basic techniques on snare, timpani, bass drum, mallet instruments, and auxiliary instruments. Students will be instructed in stick technique, note reading, and auxiliary technique. A variety of repertoire will be prepared, and students will be encouraged to try a range of genres as well as solo and ensemble playing.

## 3014 JAZZ LAB (4)

YEAR COURSE  
4 SEM HOURS - T,R  
OPEN TO: 9,10,11,12

PRE-REQUISITE: *Co-enrollment in a school music ensemble and an audition as outlined in the "Audition Procedures" section on page 82. Students who do not play an instrument appropriate to another school music ensemble may be exempted from the co-enrollment requirement.*

This ensemble will study and perform various styles of music within the jazz idiom. Concepts covered will include basic instrumental jazz technique, jazz history and jazz improvisation. Students may audition on any instrument or voice. Required performances include, but are not limited to, the fall concert, winter jazz concert and other performances if students are given at least one month's notice.

## 3018 JAZZ ENSEMBLE (4)

YEAR COURSE  
6 SEM HOURS - M,W,F  
OPEN TO: 9,10,11,12

PRE-REQUISITE: *Co-enrollment in a school music ensemble and an audition as outlined in the "Audition Procedures" section on page 82. Students who do not play an instrument appropriate to another school music ensemble may be exempted from the co-enrollment requirement.*

This ensemble will study and perform various styles of music within the jazz idiom. Concepts covered will include intermediate instrumental jazz technique, jazz history and jazz improvisation. Students may audition on any instrument or voice. Required performances include, but are not limited to, the fall concert, home conference boys basketball games, winter jazz concert, jazz dance and other performances if students are given at least one month's notice.

## General Music

**Music  
Appreciation  
10,11,12**

**AP Music  
Theory  
10,11,12**

**Guitar I  
9,10,11,12**

**Guitar II  
9,10,11,12**

## 3023 MUSIC APPRECIATION (4)

SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 10,11,12

This course will follow the chronology of music from the Middle Ages to the present, focusing on the elements of music in each time period. Important works by composers from each era will be studied. A portfolio of class materials and student work will be maintained by each student. Students will periodically bring recordings of popular music for discussion and analysis.

## 3025 AP MUSIC THEORY (5)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *Prior experience in band or choir and departmental approval or private piano training and departmental approval*

This course provides accelerated students with a challenging program of college-level work in music theory. Prior to the end of the year, students will take the AP College Board test or take a cumulative final exam covering all of the theory concepts covered in this class. Students will be instructed in advanced music theory concepts, including rhythmic composition and dictation, harmonic procedures, note reading, and part writing. As a result of this course, students may be able to test out of one or two semesters of college-level music theory. Therefore, the students enrolling in the course should be highly motivated, serious, self-directed, and willing to work.

# MUSIC

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**3028 GUITAR I (4)**  
SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 9,10,11,12

This course is designed for students with little or no experience in playing the guitar. The development of the basic techniques of tone production, chords, melody, rhythm and music reading will be stressed. Additional topics including historical perspectives and ensemble performance will also be covered. Students will use classical guitars in class (provided).

FEE: \$25.00

**3032 GUITAR II (4)**  
SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 9,10,11,12

PRE-REQUISITE: *Successful completion of 3028 GUITAR I with a recommended grade of B or better or an audition as outlined in the "Audition Procedures" section on page 82*

This course will build upon concepts and skills introduced in 3028 GUITAR I. Instruction will include developing the use of barre chords, scales, arpeggios, "Travis" picking and notation including standard and tablature. Students will use classical guitars in class (provided).

FEE: \$15.00

## A- Pass Grade Option

Students enrolled in 3014 JAZZ LAB, 3018 JAZZ ENSEMBLE, 3072 JAZZ CHOIR, AND 3076 MADRIGALS may opt to take the course A- Pass Grade. The student would need to earn an A or A- to receive the P grade. The grade of A, B, C, D or F would result in the grade reported as earned and not as P. Students must sign up for this grading option within the first fifteen days of each semester.

## Audition Procedures

Concert Band	Treble Concert Choir
Symphonic Band	Mixed Concert Choir
Varsity Band	Varsity Choir
Jazz Ensemble*	Jazz Choir*
Jazz Lab	Madrigal Singers*
Guitar II	Incoming 11,12 graders only
Percussion Ensemble	Men's Chorus
	Women's Chorus

All students desiring to become a member of the ensembles mentioned above must audition for placement in these courses. New students will be evaluated by one or more of the methods listed below. Students currently enrolled in a WHS or WNHS Music Department ensemble will be auditioned by an ongoing evaluation of ability, attitude and behavior and may be evaluated in one or more of the methods listed below:

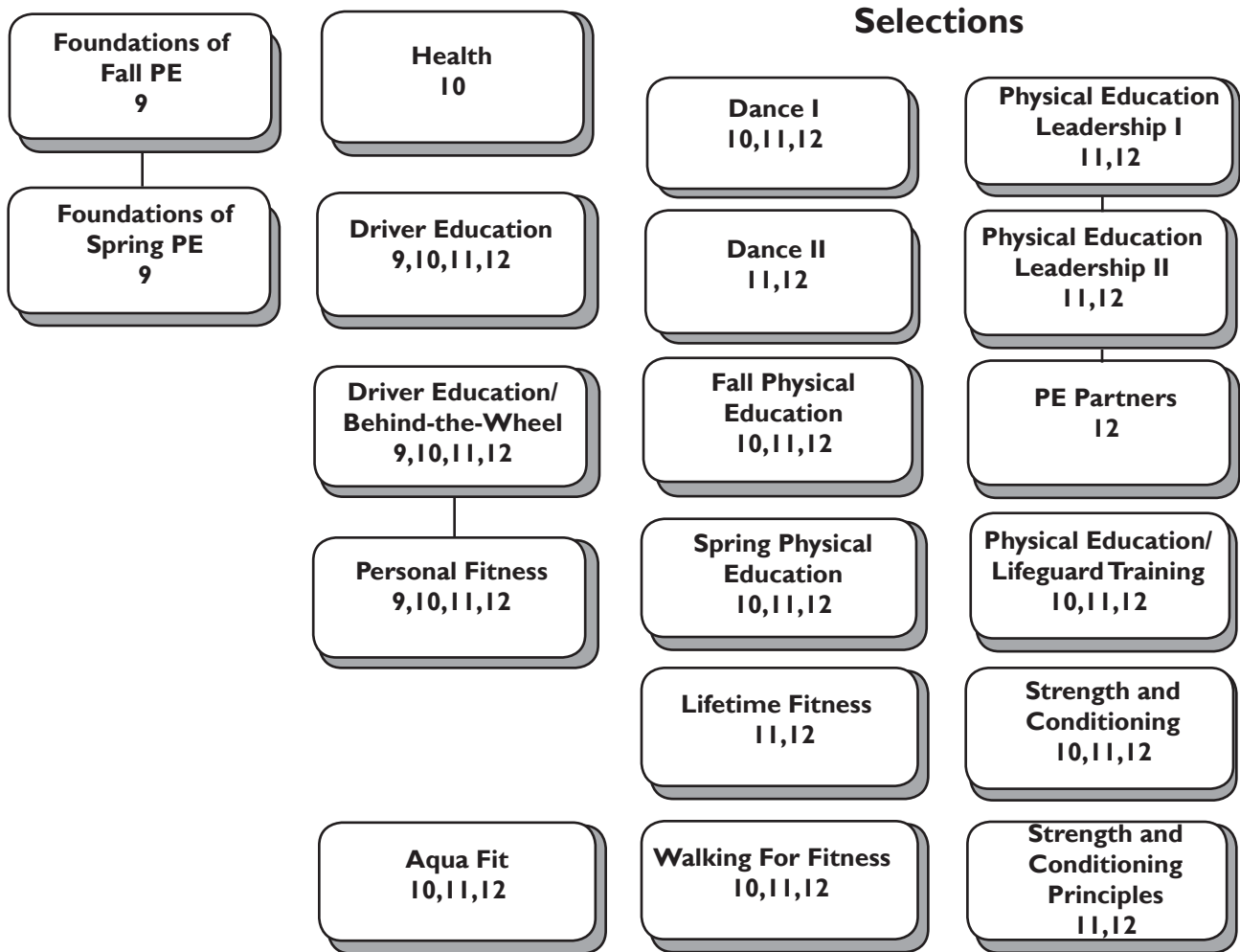
## Audition Methods

1. A demonstration of ability given at a specific time and place as designated by the director. The content of such a demonstration would be determined/approved by the director.
2. A written test of musical knowledge given by the director or his/her designee.
3. A recommendation by a music teacher other than the director but solicited by the director.
4. An interview with the director for any band student having no instrumental background and for any junior or senior student desiring to enter the choral program never having been in a high school choral ensemble.

*\*Students enrolled in 3018 JAZZ ENSEMBLE, 3072 JAZZ CHOIR, AND/OR 3076 MADRIGAL SINGERS are also bound by the eligibility requirements outlined in the Co-curricular Handbook.*

# PHYSICAL EDUCATION

**“Participation in sports and fitness programs can help students establish a pattern of good physical fitness habits for life.”**



All WHS and WNHS students will participate in daily physical education. Physical education classes will include participation in the scheduled activity as well as a focus on lifetime fitness. Through the instruction of physical fitness activities, an emphasis will be put on cardiovascular fitness, strength, flexibility, and muscular endurance. Physical fitness testing will occur throughout the year to monitor progress and fitness levels. Freshmen and sophomores will be scheduled into Foundations of Fall and Spring PE, Health and Driver Education classes; additionally, driver education students will be enrolled concurrently in Personal Fitness.

## Physical Education Exemption Policy

It shall be the policy of District 200 that students in grades 11 and 12 may request exemption from physical education for the following reasons:

1. The student requests exemption and is determined to be participating in varsity interscholastic athletics as certified by the athletics/activities director: i.e. the student is on the varsity eligibility roster.
2. The student provides written evidence to the principal that a specific course is required for admission to an institution of higher learning to which the student intends to apply. The school district staff must verify that the student's present and proposed schedule will not permit completion of the needed course unless the student is exempted from physical education.
3. The student lacks enough course credit for one or more courses required for graduation. Students who have failed required courses, transferred into the district with deficient credits, or who lack credits due to other causes will be eligible to apply for this exemption.

# PHYSICAL EDUCATION

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## Medical Excuse Policy

If a student has an extended illness or injury, a signed statement from the attending physician must be filed with the school nurse within one week of the injury/illness.

If a student misses 10 or more consecutive school days of physical education due to a medical excuse, the student will be eligible for a grade of *P/F*. After 20 consecutive school days of absence from physical education due to a medical excuse, the student will be dropped with a grade of *M* provided the program cannot be adapted and the student was passing prior to the time of the medical excuse. If an adapted program is established, the student will receive a grade of *P/F*.

NOTE:

- A PE course is required each semester. See "Graduation Requirements" on page 2.
- Medical excuses of less than 10 consecutive school days may result in the student needing to make-up missed class time.

**5038 FOUNDATIONS OF FALL PE (4)**  
**5040 FOUNDATIONS OF SPRING PE (4)**  
SEMESTER COURSES  
5 SEM HOURS EACH  
OPEN TO: 9

The Foundations of Physical Education courses are designed to assist students in developing the cognitive and physical skills necessary to enhance their performance in physical activities and decisions impacting their personal health. This course will teach and test skills and rules of many individual and team sports, as well as team-building concepts. To promote lifetime fitness, students will participate in fitness activities two days per week. Physical fitness testing will occur twice during the school year to monitor progress and fitness levels. The *C-/Pass/Grade* option is available.

NOTE: All students must furnish a swimsuit and PE attire. Students must furnish their own tennis balls during the tennis unit and may prefer to bring their own tennis racquets.

**5512 HEALTH (4)**  
SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 10

Students will study values and value clarification, tobacco, mood modifiers, such as alcohol, stimulants, depressants, narcotics, and hallucinogens. Human sexuality, nutrition, exercise and weight control, disease prevention and control, mental and emotional health, and first aid will also be taught. Information is presented with the goal that students make intelligent personal decisions based on facts.

NOTE: Successful completion of this course is required for graduation.

NOTE: Parents may request alternate assignments for the unit on human sexuality. A parent must submit a request in writing and communicate with the health teacher to obtain the alternate assignment.

**6112 DRIVER EDUCATION (4)**  
QUARTER COURSE  
2.5 SEM HOURS  
OPEN TO: 9,10,11,12  
(CONCURRENT ENROLLMENT IN  
PERSONAL FITNESS)

PRE-REQUISITE: *Student must be 15 years of age; must have earned a minimum of 55 credit hours for the class of 2010 and 2011, or 30 credit hours for the classes of 2012 and beyond; and must have passed 8 courses during the previous 2 semesters. Students will automatically be enrolled in 5132 PERSONAL FITNESS for which they will receive 2.5 semester hours of credit and a P/F grade. Classroom attendance of 30 clock hours is mandated by the State of Illinois for successful completion of 6112 DRIVER EDUCATION.*

Topics studied in 6112 DRIVER EDUCATION include rules, regulations, and procedures of driving, perception and communication, defensive driving, motorcycle, bicycle, and pedestrian safety, driving in adverse conditions, emergency procedures, individual physical and emotional problems, the effects of alcohol and drugs on a driver, insurance, and total driving responsibilities.

NOTE: Successful completion of this course is required for graduation.

# PHYSICAL EDUCATION

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## **6026 DRIVER EDUCATION (4)**

### **BEHIND-THE-WHEEL**

QUARTER COURSE

1 SEM HOUR

OPEN TO: 9,10,11,12

*PRE-REQUISITE: Student must be 15 1/2 years of age; must have earned a minimum of 30 credit hours for the classes of 2012 and beyond, 55 credit hours for the class of 2010; and must have passed 8 courses during the previous 2 semesters. Students must be taking or have successfully completed 6112 DRIVER EDUCATION.*

In this course students apply the concepts learned in DRIVER EDUCATION. The student will drive during his/her study hall hour, after school, or a designated time on the weekends. To complete this course, students must have a total of 6 hours of behind-the-wheel driving experience and additional hours of observation. Priority in scheduling will be given by birthday and classroom status. All students will be graded with a *P/F* grade.

NOTE: Lab/driving grade will be based on driving improvement and the student's ability to apply knowledge and skills to the extent that he/she can recognize and safely adjust to changing traffic situations through the use of defensive driving principles.

FEE: \$175 plus \$20 for State of Illinois driving permit.

## **5132 PERSONAL FITNESS (4)**

QUARTER COURSE

2.5 SEM HOUR

OPEN TO: 9,10,11,12

(CONCURRENT ENROLLMENT IN  
DRIVER EDUCATION)

This course is taken in the same semester as 6112 DRIVER EDUCATION. Focus is placed on wellness through the instruction of physical fitness and educational activities. Physical fitness testing and written assignments will occur throughout the quarter to monitor progress and fitness level.

NOTE: All students through the class of 2013 will be graded with a *P/F* grade. Starting with the class of 2014, students will be given a grade for this course. The *C-/Pass* Grade option will be available to the class of 2014 and beyond. Students must furnish a swimsuit and PE attire.

## **PE Department Selections**

### **5129 AQUA FIT (4)**

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 10,11,12

This course is designed for students to develop a lifelong fitness skill and improve their well-being through a variety of swimming activities. Students that favor a swimming routine as a wellness option should consider this course. Students will be required to have a swimsuit; swim goggles are recommended. No athletic exemptions will be allowed from this course. The *C-/Pass* Grade Option is available. This course may be repeated once for credit.

### **5141 DANCE I (4)**

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 10,11,12

This course is open to students who are interested in furthering their knowledge and skills in the area of dance. Ballet, modern, jazz, ballroom, Latin dances, hip-hop, and line dances will be included in the instruction. Fitness activities will focus on the importance of stretching and strength for dance as well as the cardiovascular benefits of dance. Students will be evaluated on skill development, their knowledge of dance history and vocabulary, choreography, and performance of small group dances. Physical fitness testing will occur during the semester to monitor progress and fitness levels. No athletic exemptions will be allowed from this course. The *C-/Pass* Grade option is available.

FEE: \$10.00 for the required dance class t-shirt and additional supplies. Students must furnish black pants or shorts.

### **5142 DANCE II (4)**

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 11,12

PRE-REQUISITE: 5141 DANCE I

This course is designed for those students that successfully completed 5141 DANCE I. The course will incorporate more history, additional cultural exposure, and a more in-depth exploration of various dance forms, choreography, and performance. Physical fitness testing will occur during the semester to monitor progress and fitness levels. Students will not be allowed to implement an athletic exemption. The *C-/Pass* Grade option is available.

FEE: \$10.00 for a uniform for dance class and performance supplies. Students must furnish black pants or shorts.

# PHYSICAL EDUCATION

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## **5112 FALL PHYSICAL EDUCATION (4)**

### **5119 SPRING PHYSICAL ED (4)**

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 10,11,12

This course will teach and test skills and rules of many individual and team sports. Activities offered will include tennis, softball, soccer, flag football, badminton, pickle ball, floor hockey, volleyball, swimming skills, water games, dance/aerobics, team handball, basketball, weight training, racquetball and additional recreational activities. To promote lifetime fitness, students will participate in fitness activities two days per week. Physical-fitness testing will occur twice throughout the school year to monitor progress and fitness levels. *C-/Pass/Grade* option is available.

NOTE: All students must furnish a swimsuit and PE attire. Students in tennis courses must furnish their own tennis balls and may prefer to bring their own tennis racquets.

## **5134 LIFETIME FITNESS (4)**

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 11,12

The focus of this course is personal fitness and wellness. Students will directly apply classroom instruction to a personal fitness plan that will promote individual development. Physical fitness assessments will occur throughout the semester to monitor individual student progress. Areas of emphasis will be cardiovascular fitness, flexibility, muscle strength and endurance and nutrition. No athletic exemptions will be allowed from this course. The *C-/Pass/Grade* option is available.

NOTE: All students must furnish a swimsuit and PE attire.

## **5146 PHYSICAL ED LEADERSHIP I (4)**

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 10,11,12

PRE-REQUISITE: *Successful completion of 5038 FOUNDATIONS OF FALL PHYSICAL EDUCATION, 5040 FOUNDATIONS OF SPRING PHYSICAL EDUCATION, 6112 DRIVER EDUCATION, 5132 PERSONAL FITNESS and recommendation of the department*

Students enrolled in this course will develop the necessary skills, knowledge and understanding needed to model physical education activities, officiate, and assist in physical education courses. Students will directly apply team-building skills, character development and role-modeling through a variety

of activities. Students will be provided with the opportunity to take IHSA officials' examinations at their own expense. Athletic exemptions will not be allowed from this course. Physical fitness testing will occur during the semester to monitor progress and fitness levels. The *C-/Pass* Grade option is available.

NOTE: All students must furnish swimsuit and PE attire. Students must furnish their own tennis balls during the tennis unit and may prefer to bring their own tennis racquets.

## **5148 PHYSICAL ED LEADERSHIP II (4)**

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 11,12

PRE-REQUISITE: *Successful completion of 5146 PHYSICAL EDUCATION LEADERSHIP I and recommendation of the department*

This course will implement strategies and skills gained in 5146 PHYSICAL EDUCATION LEADERSHIP I. This includes modeling physical education classes. This course may be repeated two times. Athletic exemptions will not be allowed from this course. Physical fitness testing will occur during the semester to monitor progress and fitness levels. The *C-/Pass* Grade option is available.

NOTE: All students must furnish swimsuit and PE attire.

## **5149 PE PARTNERS (4)**

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 12

PRE-REQUISITE: *5146 PHYSICAL EDUCATION LEADERSHIP I and 5148 PHYSICAL EDUCATION LEADERSHIP II*

This course is designed to further develop the skills of students who have successfully completed the 5146 PHYSICAL EDUCATION LEADERSHIP I and 5148 PHYSICAL EDUCATION LEADERSHIP II courses. Qualified students will be assigned to work individually with students who have special needs and require assistance in the development of physical and social skills. The focus will be on leadership skills and character education. Students will not be allowed to implement an athletic exemption. The *C-/Pass* Grade option is available.

NOTE: All students must furnish swimsuits and PE attire. This course may be repeated for credit. This course will be held at Woodstock North High School.

# PHYSICAL EDUCATION

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## 5128 PHYSICAL EDUCATION/LIFEGUARD

### TRAINING (4)

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 10,11,12

PRE-REQUISITE: *Students must be 15 years old to enroll and be able to successfully complete the following pretest:*

- *swim 500 yards continuously using 200 yards front crawl with rhythmic breathing and propellant kick, 100 yards breaststroke, and 200 yards front crawl or breaststroke.*
- *swim 20 yards front crawl or breaststroke, retrieve a 10 pound object from 7-10 feet of water, return to the surface and swim 20 yards back to the starting point with the object.*

Successful completion of this course will result in the student being a Red Cross certified lifeguard. Additional Red Cross instruction will occur in First Aid and CPR. Red Cross instruction will occur for approximately nine weeks and instructional units corresponding with Fall/Spring Physical Education will occur for approximately nine weeks. Athletic exemptions will not be allowed from this course. The C-/Pass/Grade option is available.

FEE: Students must purchase a Lifeguard Training book, which also includes first aid and CPR skills. A pocket mask for CPR must also be purchased. The approximate cost for these items is \$50.00. This cost may vary from year to year dependent upon the costs established by the American Red Cross.

NOTE: All students must furnish swimsuit and PE attire.

## 5144 STRENGTH & CONDITIONING (4)

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 10,11,12

Students enrolled in this course will follow a prescribed strength-training program developed in class with the instructor. In addition to strength training, the class will develop speed, flexibility, agility, and physical conditioning. Athletic exemptions will not be allowed from this course. Physical fitness testing will occur during the semester to monitor progress. All students must furnish PE attire.

FEE: \$5.00 per semester.

NOTE: This course may be repeated for credit as often as desired providing the student successfully passed the previous 5144 STRENGTH & CONDITIONING class **or** successfully passed another PE course prior to taking 5144 STRENGTH & CONDITIONING for an additional semester. The C-/Pass Grade option is available.

## 5151 STRENGTH & CONDITIONING

### PRINCIPLES (5)

(OFFERED AT WHS)

SEMESTER COURSE

(HHP 176 – MCHENRY COUNTY COLLEGE)

5 SEM HOURS

2 CREDITS AT MCC

OPEN TO: 11, 12

This course provides an opportunity to further develop individual skills in strength and conditioning; it is a dual-credit course with McHenry County College but will be taught at WHS. The study in this course involves basic theory and application of resistance principles. Conditioning programs will be developed to improve human and athletic performance. Emphasis will focus on plyometrics, speed development, Olympic lifts, and designing sport specific training programs. Athletic exemptions will not be allowed from this course. The C-/Pass Grade Option is not available.

NOTE: Students are responsible for their High School Plus Registration form and fees as well as the cost of the text. Estimated cost for the course: McHenry County College tuition costs per credit hour plus McHenry County College course fees. No student will be allowed to drop this course once he/she is accepted into the program.

## 5133 WALKING FOR FITNESS (4)

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 10, 11, 12

This course is designed to provide students an opportunity to improve their lifelong fitness and well-being through fitness walking. Journaling and analysis of data will be a component of the class. Physical fitness assessments will occur throughout the semester to monitor individual student progress. Athletic exemptions will not be allowed from this course. The C-/Pass Grade Option is available. This course may be repeated once for credit.

NOTE: Students must be dressed to be outside during all types of weather.

# PHYSICAL EDUCATION

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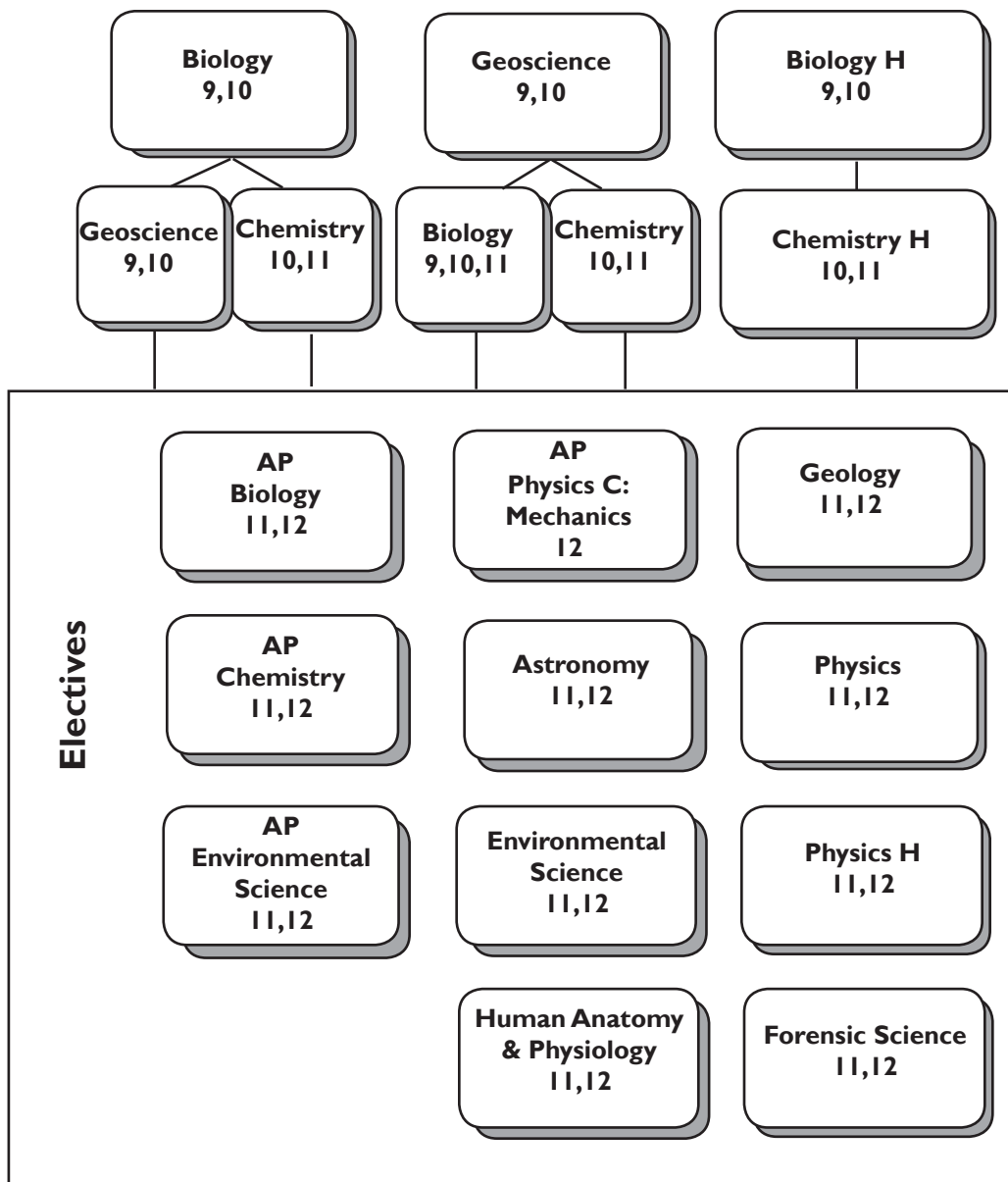
## ***C-/Pass Grade Option***

Students enrolled in the following courses may choose the *C-/Pass Grade* option: 5038 FOUNDATIONS OF FALL PE, 5040 FOUNDATIONS OF SPRING PE, 5136 ADAPTIVE PHYSICAL EDUCATION, 5129 AQUA FIT, 5141 DANCE I, 5142 DANCE II, 5112 FALL PHYSICAL EDUCATION, 5119 SPRING PHYSICAL EDUCATION, 5124 LIFETIME FITNESS, 5128 PHYSICAL EDUCATION/LIFEGUARD TRAINING, 5144 STRENGTH & CONDITIONING, 5146 PHYSICAL EDUCATION LEADERSHIP I, 5148 PHYSICAL EDUCATION LEADERSHIP II, 5149 PE PARTNERS, 5133 WALKING FOR FITNESS, and 7048 ALP PE. A grade equivalent to a *C-* or higher must be achieved to receive a grade of *P*; otherwise, the actual earned grade received will be issued.

# SCIENCE

“Our knowledge is the amassed thought and experience of innumerable minds.”

Emerson



- A two-year sequence, beginning in the freshman or sophomore year, is a requirement for graduation.
- Recommended placement in the first course is based on teacher recommendation, standardized test scores, and middle school achievement.
- Student placement in subsequent courses is based on performance and is reviewed annually.

# SCIENCE

The science curriculum at WHS and WNHS is designed to meet the needs of all students. All students are required to pass two years of science classes. Students must begin the sequence no later than their sophomore year. Freshman students will be recommended for placement in science courses based on the recommendation of their eighth grade science teacher and appropriate test scores. Students are evaluated each year to determine appropriate levels of placement. Students are **not** locked into tracks.

Students who plan on attending a two- or four-year college/university or trade school should take a minimum of three years of science. The science faculty emphasizes a hands-on, inquiry-based approach to learning science. Students are taught to frame questions and use research techniques that will allow them to solve problems. While the problems we study are scientific in nature, the skills learned can be applied to all areas of human endeavor.

## **1012 GEOSCIENCE (4)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9,10

Geoscience is a course that introduces students to the areas of geology, oceanography, meteorology, and astronomy. An emphasis is placed on scientific method and basic science skills. Activities include designing labs, collecting and analyzing data, manipulating models, and research, in addition to material from the text.

## **1022 BIOLOGY (4)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9,10,11

This course is a survey of biological principles including cells, genetics, biological diversity, botany, and ecology. Students will be involved in numerous hands-on activities to reinforce major concepts. Activities include designing labs, collecting and analyzing data, manipulating models, and research, in addition to material from the text.

## **1026 BIOLOGY H (5)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9,10

**NINTH GRADE PRE-REQUISITE:** *Recommended placement is based on a department rubric which may include the following:*

1. *an average EXPLORE Reading and Mathematics score of 90% or above - Stanford Reading and Mathematics scores may be substituted*
  2. *EXPLORE Science score of 90% or above.*
  3. *cumulative 3.7 GPA for seventh and eighth grade science courses, and*
  4. *recommendation of the eighth grade science teacher.*
- A weighted scale is used to determine recommended eligibility.*

**TENTH GRADE PRE-REQUISITE:** *recommended placement is based on the following:*

1. *an A in first semester 1012 GEOSCIENCE,*
  2. *an overall GPA of 3.7 or above for first semester freshman year, and*
  3. *geoscience teacher's recommendation.*
- Students who met the ninth grade pre-requisite but choose not to enroll are still eligible as tenth graders.*

Honors biology is a survey of biological principles including ecology, cells, genetics, human systems, and botany. This is a lab course established around activities designed to reinforce major concepts. Activities include an extensive field study and research project. This course is designed especially for the honors student. This course explores principles in detail and requires higher-level thinking skills.

## **1034 CHEMISTRY (4)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 10,11

**PRE-REQUISITES:** *The student must meet the following two requirements in mathematics and science:  
A recommended grade of C or better in one of the following:*

*0526 ALGEBRA I  
0546 ALGEBRA II  
0552 ALGEBRA II H*

*and a recommended grade of C or better in one of the following:*

*1022 Biology  
1026 Biology H  
1012 Geoscience*

This course uses class discussion and laboratory experiments to study matter and the changes it undergoes. Topics include mathematical relationships, atomic theory, the mole concept, periodicity, chemical bonding, stoichiometry, kinetic theory of gases, liquids & solids, solutions, acids & bases, equilibrium, oxidation-reduction, and an introduction to organic chemistry.

# SCIENCE

## 1028 CHEMISTRY H (5)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 10,11

PRE-REQUISITES: *The student must meet the following two requirements in mathematics and science:*

*A recommended grade of B or better in one of the following:*

0526 ALGEBRA I  
0546 ALGEBRA II  
0552 ALGEBRA II H

*and a recommended grade of C or better in:*

1026 BIOLOGY H

This course uses an experimental approach to the study of matter and the changes it undergoes. Topics include mathematical relationships, atomic theory, the mole concept, periodicity, chemical bonding, stoichiometry, kinetic theory of gases, liquids & solids, solutions, acids & bases, equilibrium, oxidation-reduction and an introduction to organic chemistry. Recent theory and concepts in chemical thinking are considered. The course requires advanced ability in mathematics for problem solving and teaches advanced problem solving techniques.

## 1062 PHYSICS (4)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *The student must meet the following two requirements in mathematics and science.*

*A recommended grade of C or better in one of the following:*

0526 ALGEBRA I  
0546 ALGEBRA II  
0552 ALGEBRA II H

*and a recommended grade of C or better in one of the following:*

1022 BIOLOGY  
1026 BIOLOGY H  
1034 CHEMISTRY  
1028 CHEMISTRY H  
1012 GEOSCIENCE  
1044 ENVIRONMENTAL SCIENCE  
1051 ASTRONOMY  
1048 GEOLOGY

This course is a study of motion and force, momentum and energy, heat, light, sound, and electricity. It is designed for the student who is planning a career in a field other than the physical sciences or engineering.

## 1064 PHYSICS H (5)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *The student must meet the following two requirements in mathematics and science.*

*A recommended grade of C or better or concurrent enrollment in one of the following:*

0562 PRE-CALCULUS AND TRIGONOMETRY  
0566 PRE-CALCULUS AND TRIGONOMETRY H

*and a recommended grade of C or better in one of the following:*

1034 CHEMISTRY  
1028 CHEMISTRY H  
1075 AP ENVIRONMENTAL SCIENCE H

This course is a study of motion and force, momentum and energy, heat, light, sound, and electricity. A mathematical approach to the study of these topics will be stressed. This course will help prepare students to major in physical science or engineering in college.

## 1052 ASTRONOMY (4)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *Students must complete the two-year science requirement with a recommended grade of C or better and a recommended grade of C or better in an algebra course.*

Astronomy is the study of the structures and processes that formed the universe. Topics to be studied include the history of astronomy, the technology used by astronomers, and the structure and motion of the planets, stars and other celestial objects.

## 1044 ENVIRONMENTAL SCIENCE (4)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *The student must meet the following two requirements in science:*

*Completion of one of the following courses:*

1022 BIOLOGY  
1026 BIOLOGY H

*Completion of one of the following courses:*

1012 GEOSCIENCE  
1028 CHEMISTRY H  
1034 CHEMISTRY  
1064 PHYSICS H  
1062 PHYSICS

# SCIENCE

This course uses a project-oriented approach to the study of the role the environment plays in our lives. Students will study environmental issues, such as energy alternatives, diversity of life, adaptation and change, food web, interaction between abiotic and biotic components, the biogeochemical cycles, land use planning, and the nature of systems within the natural world. Students will also explore the effect of human population growth on the world's ecosystem. Much of the learning of the course will take place through hands-on activities. Students will explore different environmental sites throughout the county and will be expected to interact with the environment. Students are responsible for weekly school recycling and out-of-class community and/or school service.

**1037 FORENSIC SCIENCE (4)**  
SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 11,12

PRE REQUISITE: *Students must successfully complete two years of science courses.*

This course integrates scientific methodology with forensic applications. Forensic concepts, case studies, and their applications will be introduced using current scientific technology.

**1048 GEOLOGY (4)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11,12

PRE REQUISITE: *Students must complete the two-year science requirement with a recommended grade of C or better with one of the recommended science courses being 1012 GEOSCIENCE*

This course is the study of the processes, past and present, which shape the Earth. Topics include geologic history, processes that formed the Earth (weathering, volcanoes, earthquakes), and ways that the Earth is sculpted (mass movement, glaciers, groundwater, wind, human activity).

**1038 HUMAN ANATOMY & PHYSIOLOGY (4)**  
SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 11,12

PRE REQUISITE: *Students must successfully complete two years of science courses including 1022 BIOLOGY with a recommended grade of C or higher.*

This course is about the human body - its structure (anatomy) and its functions (physiology). Students will also explore what happens when things go wrong, looking specifically at diseases

and pathologies that affect the different parts of the body. This course will prepare students for careers in the growing health care sector.

**1035 AP BIOLOGY (5)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *The student must meet the following two requirements:*

*A recommended grade of B or better in one of the following:*

*1022 BIOLOGY*

*1026 BIOLOGY H*

*and a recommended grade of C or better in one of the following:*

*1034 CHEMISTRY*

*1028 CHEMISTRY H*

This course is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year. The general areas studied will be molecules and cells, heredity and evolution, and organisms and populations. The students will explore the following eight themes: science as a process, evolution, energy transfer, continuity and change, relationship between structure and function, regulation, interdependence in nature, and science technology and society. The course will be lab-based with students participating in the Illinois Rivers Project, which includes an overnight camping trip, Ecowatch, recombinant DNA studies, a trip to a Gross Anatomy lab, and a mammalian dissection study. Twelve Advanced Placement labs will be performed by the students so that they can supplement their learning of the major concepts while also preparing for the Advanced Placement Biology exam.

**1030 AP CHEMISTRY (5)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *Successful completion of one of the following is required*

*Complete 1034 CHEMISTRY with a recommended grade of A and 1026 BIOLOGY H with a recommended grade of A or B*

*or*

*Complete 1028 CHEMISTRY H with a recommended grade of B or better*

*Recommendation of the science teacher in the course prior to the AP course. Approval of the current AP teacher who will consider the above pre-requisites along with other criteria, such as overall GPA and other pertinent information.*

This course is designed to be the equivalent to the general

# SCIENCE

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chemistry course taken during the first year in college. Students in the course should attain a depth of understanding of fundamental principles and a competence in solving chemical problems. Topics include structure of matter (atomic theory and structure, bonding, and nuclear chemistry), the states of matter (gases, liquids, solids, and solutions), reactions (types of reactions, stoichiometry, equilibrium, kinetics, and thermodynamics), descriptive chemistry (reaction characteristics, periodic properties, group properties, and organic chemistry), and qualitative and quantitative laboratory experiments. Each student is required to have a calculator (TI-83 Plus).

## **1075 AP ENVIRONMENTAL SCIENCE (5)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *A recommended grade of C or better in one of the following is required in:*

*1028 CHEMISTRY H  
1064 PHYSICS H*

*or*

*a recommended grade of A in 1044 ENVIRONMENTAL SCIENCE*

This course is designed to be the equivalent of a one-semester, introductory college course in environmental science. The goal of 1075 AP ENVIRONMENTAL SCIENCE is to provide students with the scientific principles, concepts, and methodologies required to understand the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Students will be involved with the Department of Natural Resources Ecowatch program researching forests, streams, wetlands, soils, prairies and urban environments. The course will be lab-based and local environmental conditions will be studied. Real-world application will be paramount to the success of the course. Students will be required to complete a scientific research project of their own design, which they will present to the class.

## **1072 AP PHYSICS C: MECHANICS (5)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *Successful completion with a recommended grade of B or better is required in:*

*1064 PHYSICS H*

*or successful completion with a recommended A average in*

*1062 PHYSICS*

*and concurrent enrollment in either*

*0578 AP CALCULUS AB or*

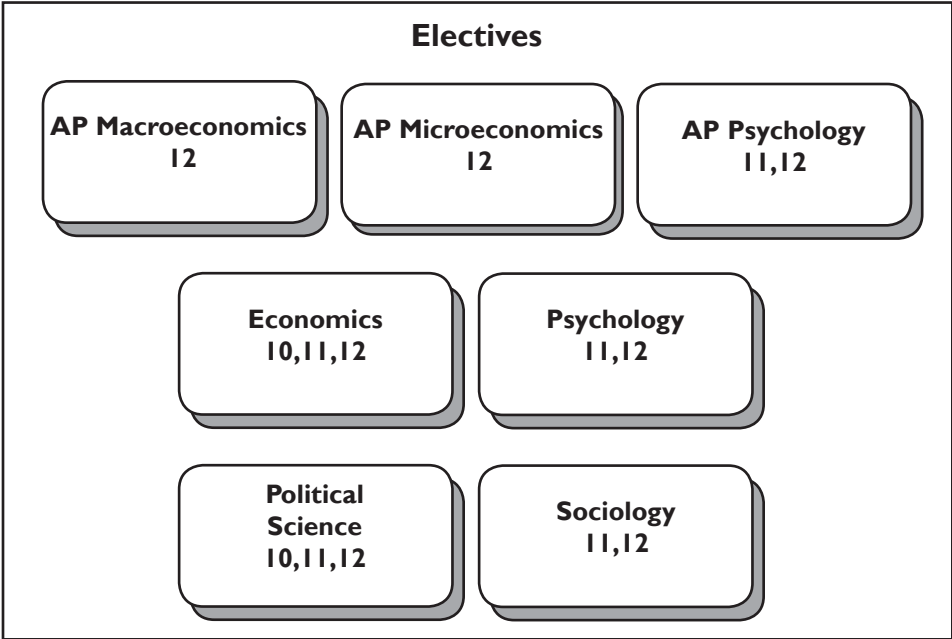
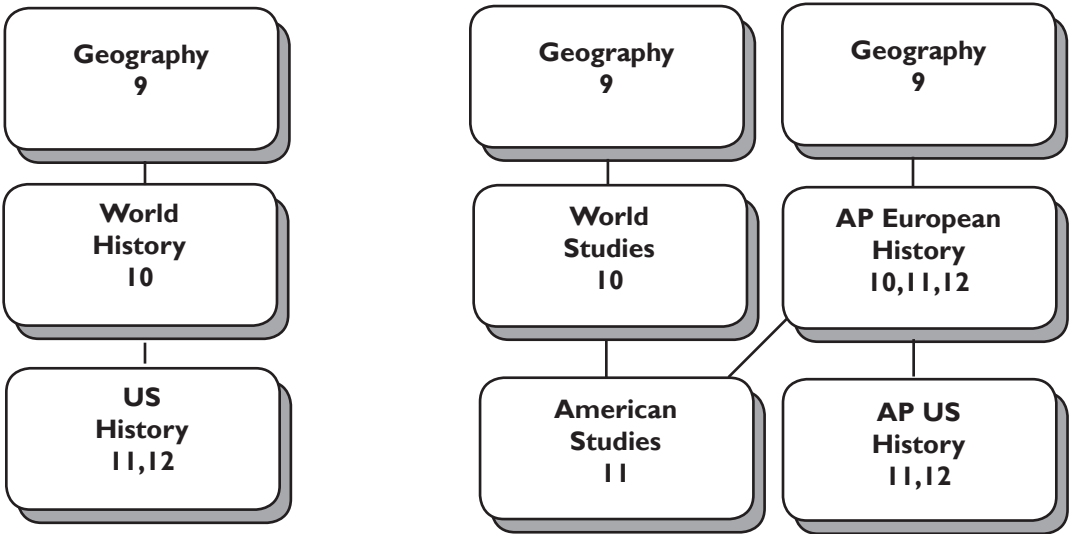
*0579 AP CALCULUS BC*

*Approval of the current AP teacher who will consider the above pre-requisites along with other criteria, such as overall GPA and other pertinent information, is required.*

This course is a rigorous, calculus-based physics class, which prepares students to take the mechanics portion of the AP Physics C exam. Sufficient performance on the AP exam may exempt a student from a calculus-based introductory physics class in college. At the very least, students should be better prepared for success in a college level physics course. Traditional mechanics topics will be covered with a strong emphasis on problem-solving. Students who are serious about a career in engineering or the physical sciences may consider this course.

# SOCIAL STUDIES

“History is an argument without end.” Pieter Geyl



- Courses in Geography\*, World History, and US History are required for graduation.
- Successful completion of Federal and State Constitution is also required for graduation. Most students will meet this requirement through their US History class.

\*Geography requirement is for the Class of 2012 and beyond.

# SOCIAL STUDIES

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The social studies curriculum will teach students to gather, organize, and analyze information which will enable them to be informed, critically-thinking citizens in American society. All students will develop an understanding of the present through the study of world history and both American history and government. Students who wish to study individual and group behavior in more depth may do so in a variety of social science classes. Taking at least three years of social studies classes will provide students with a good understanding of the historic and scientific method and will enable them to meet the admissions requirements in social studies for all colleges.

**1541 GEOGRAPHY (4)**  
SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 9

The need for geographic literacy has never been greater or more obvious than in today's tightly interrelated world. Students will understand the world's physical features, how they blend with social systems, and how they affect economies, politics, and human interaction. The students will learn to grasp geography and its effect on individuals and societies; they will know the broad concepts of spatial patterns, mapping, population, and physical systems: land, air, and water.

NOTE: Beginning with the class of 2012, successful completion of this course is required for graduation.

**1502 WORLD HISTORY (4)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 10

PRE-REQUISITE: *Successful completion of 1541 GEOGRAPHY*

Students study Western civilization from its beginnings to the present time. Topics studied include religion, power, economics, nationalism, imperialism, the quest for knowledge, and war and peace. World problems of today and their historical origins are discussed. Students study the key social, economic, and political developments of humankind. A review of the geography of the areas discussed is included. Students are expected to do research work.

NOTE: Successful completion of this course is required for graduation.

**1507 WORLD STUDIES (4)**  
YEAR COURSE  
20 SEM HOURS  
OPEN TO: 10  
NOT OFFERED IN 2009-2010

PRE-REQUISITE: *Level 4 recommendation in both English and social studies encouraged; successful completion of 0012 or 0014 FRESHMAN ENGLISH and successful completion of 1541 GEOGRAPHY*

This course is an interdisciplinary approach to world history. Students will explore the social, economic, political and religious developments and -isms of both Western and non-Western civilizations. Literature and writing assignments will analyze authors' styles, techniques, and themes as they relate to the historical setting. Group assignments, projects, and seminars will be incorporated into various units. Completion of this course meets graduation requirements of World History, Sophomore Composition, and Sophomore Literature.

**1550 AP EUROPEAN HISTORY (5)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 10,11,12

PRE-REQUISITE: *Successful completion of 1541 GEOGRAPHY, earn a recommended score in the 90th percentile on EXPLORE reading test, and complete a writing sample.*

In addition to providing a basic exposure to the factual narrative, the goals of 1550 AP EUROPEAN HISTORY are to develop an understanding of the principle themes in modern European history, the ability to analyze historical evidence, and the ability to express that understanding and analysis effectively in writing. Students in this course are expected to demonstrate knowledge of basic chronology, major events, and trends from the High Renaissance of approximately 1450 to the present. The broad themes of intellectual-cultural, political-diplomatic, and social-economic history form the basis of the course within that chronology. This course includes history both as content and as methodology. Emphasis is placed on students developing intellectual and academic skills, including effective analysis of such primary sources as documents, maps, statistics, and pictorial, graphic evidence; effective note-taking; clear and precise written expression; and the ability to weigh evidence and reach conclusions on the basis of facts.

**1542 US HISTORY (4)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11,12

This course covers the full range of American history from Pre-Colonial times to the present using a topical approach. Emphasis is placed upon the development of the student's potential to research and analyze historical resources. Students

# SOCIAL STUDIES

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will analyze the cause-and-effect relationship of the past to the present.

This course also includes a unit on the federal and state Constitutions. Emphasis is placed on the principles of American government. These principles are applied to help understand modern America. The legislative, executive, judicial branches, the electoral processes, and the Bill of Rights are discussed with the intent of stressing their importance to all students in exercising their rights and responsibilities of citizenship.

NOTE: 6509 Constitution requirement: successful completion of this topic is required for graduation.

## **1546 AP US HISTORY (5)** YEAR COURSE 10 SEM HOURS OPEN TO: 11,12

PRE-REQUISITE: *Successful completion of 1506 WORLD HISTORY H or 1550 AP EUROPEAN HISTORY with a recommended grade of B or better or 1502 WORLD HISTORY with a recommended grade average of B and successful completion of an English honors course, an acceptable writing sample, and the recommendation of the previous social studies teacher. Approval of the current AP teacher who will consider the above pre-requisites along with other criteria, such as overall GPA and other pertinent information, is required.*

This course is the study of the same material as 1542 US HISTORY but in greater depth. It is designed for the above-average student who wants a greater challenge than is provided in regular 1542 US HISTORY. The textbook used is college freshman level, and outside readings are more sophisticated. Research work is required each quarter. This course provides an Advanced Placement curriculum. Students will have the option to take the AP US History test for possible college credit in early May.

This course also includes a unit on the federal and state Constitutions. Emphasis is placed on the principles of American government. These principles are applied to help understand modern America. The legislative, executive, judicial branches, the electoral processes, and the Bill of Rights are discussed with the intent of stressing their importance to all students in exercising their rights and responsibilities of citizenship.

NOTE: 6509 Constitution requirement: successful completion of this topic is required for graduation.

NOTE: This course is a level 5 substitute for 1542 US HISTORY; successful completion of which is required for graduation.

## **1500 AMERICAN STUDIES (4)** YEAR COURSE 20 SEM HOURS OPEN TO: 11

PRE-REQUISITE: *Level 4 recommendation from Social Studies and English departments is encouraged.*

This course covers the full range of American history and literature from Colonial times to the present. Emphasis is placed on the development of the students' potential to select, interpret, and analyze pertinent facts, information, and literature of the various decades, including the analysis of authors' styles, techniques, and themes as they relate to the history.

This course also includes a unit on the federal and state Constitutions. Emphasis is placed on the principles of American government. These principles are applied to help understand modern America. The legislative, executive, judicial branches, the electoral processes, and the Bill of Rights are discussed with the intent of stressing their importance to all students in exercising their rights and responsibilities of citizenship.

NOTE: 6509 Constitution requirement: successful completion of this topic is required for graduation.

NOTE: This course will satisfy the 1542 US HISTORY, 0048 AMERICAN LITERATURE SURVEY, and an additional 5 hour English requirement for graduation. Students taking this college prep course must be prepared to read and write at a greater and more intensive level as compared to the regular 1542 US HISTORY course.

## **1511 ECONOMICS (4)** SEMESTER COURSE 5 SEM HOURS OPEN TO: 10,11,12

PRE-REQUISITE: *Sophomores should have a minimum grade of B in 1502 WORLD HISTORY or a minimum grade of C in 1506 WORLD HISTORY H or 1550 AP EUROPEAN HISTORY.*

Economic theories and facts are studied in this course. Our economy is constantly changing but fundamental to the system are basic principles. Topics for study are types of economic systems, types of competition, laws of supply and demand, money and banking, monetary and fiscal policy, business cycles, labor and management relations, and international trade. Students will get numerous opportunities to apply the economic theories and principles that they have learned. This class is recommended for students who plan to enter the business world and/or attend college.

NOTE: Successful completion of this course meets the Consumer Education financial literacy graduation requirement.

# SOCIAL STUDIES

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## **1508 POLITICAL SCIENCE (4)**

SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 10,11,12

PRE-REQUISITE: *Sophomores should have a minimum grade of B in 1502 WORLD HISTORY or a minimum grade of C in 1506 WORLD HISTORY H or 1550 AP EUROPEAN HISTORY.*

This course focuses on law, politics, domestic issues, international relations and current events. In the first quarter, the American political system is examined. Emphasis is placed on the actual workings of government. Students will investigate the role played by interest groups in our political system. In the second quarter, emphasis will be placed on international relations and law. Students will study criminal, civil, and constitutional law. Throughout the course students will read articles from news magazines; current events will be discussed on a regular basis.

## **1532 SOCIOLOGY (4)**

SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 11,12

This course is the study of human behavior in groups. Students will learn the fundamental principles of sociology and will use those principles to study current social problems including family issues, drug abuse and treatment, crime and punishment, poverty, and environmental and population problems. Solutions to current social problems will be discussed.

## **1521 PSYCHOLOGY (4)**

SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 11,12

This course is the study of human behavior. Students will study the following aspects of human behavior: perception, extra-sensory perception, theories of learning, intelligence, emotions, personality, and behavior disorders. This course is recommended for the college-bound student. It is recommended that students who take 1521 PSYCHOLOGY also take 1532 SOCIOLOGY.

## **1523 AP PSYCHOLOGY (5)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *Recommended grade of B or better in a social studies or English honors course and the recommendation of the previous social studies teacher. Approval of the current AP teacher who will consider the above pre-requisites along with other criteria, such as overall GPA and other pertinent information, is required.*

This course is a survey class in psychology. Students will read from a college-level textbook which will go into more depth than the textbook for the regular psychology classes. Students will also investigate the physiological nature of psychology. The nature and functioning of the brain will especially be studied. Students will also be expected to read *Walden II* and *Man's Meaning in Life*. Correlational studies will be done. Students will be prepared to take the Advanced Placement test in Psychology.

## **1513 AP MACROECONOMICS (5)**

SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 10,11,12

PRE-REQUISITE: *Students must successfully complete 1502 WORLD HISTORY or 1550 AP EUROPEAN HISTORY.*

The purpose of AP Macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places emphasis not only on the study of national income and price-level determination, but also on developing students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students will study from a college-level text and be prepared to take the Advanced Placement exam in macroeconomics.

NOTE: Successful completion of this course meets the Consumer Education financial literacy graduation requirement.

## **1514 AP MICROECONOMICS (5)**

SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 10,11,12

PRE-REQUISITE: *Students must successfully complete 1502 WORLD HISTORY or 1550 AP EUROPEAN HISTORY.*

The purpose of AP Microeconomics is to give students a thorough understanding of the principles of economics that apply

# SOCIAL STUDIES

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to individual decision makers within the economic system. It places primary emphasis on the nature and functions of product markets, including the study of factor markets and the role of government in the economy. Students will study from a college-level text and be prepared to take the Advanced Placement exam in microeconomics.

NOTE: Successful completion of this course meets the Consumer Education financial literacy graduation requirement.

# SPECIAL EDUCATION PROGRAMS

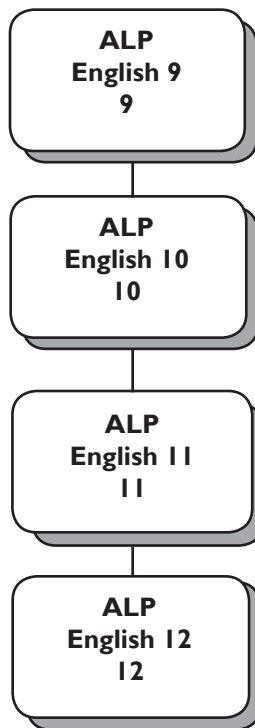
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**“An educated person is one with great learning potential.”**

District 200 feels that all students should be provided with the most appropriate curriculum possible. The Special Education's curriculum is designed to implement and assist in appropriate instructional practices that will meet the needs of the individual student. Special classes are offered to meet the needs of students when the regular education curriculum is not appropriate. Selection and planning of courses will occur on an individualized basis as determined by each student's IEP team.

## Alternate Learning Program (ALP)

### ALP ENGLISH COURSES



**7012 ALP ENGLISH 9 (4)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9

This course will review reading, writing, and speaking skills. Emphasized skills will be vocabulary building, silent reading, oral reading, reading comprehension, dictionary use, grammar skills, and spelling.

**7014 ALP ENGLISH 10 (4)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 10

This course is designed to improve English, reading, and writing skills. Students will read various forms of literature, such as novels, plays, poetry, and short stories. Emphasis is placed on increasing reading comprehension, grammar usage, sentence structure and writing about literature.

**7016 ALP ENGLISH 11 (4)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11

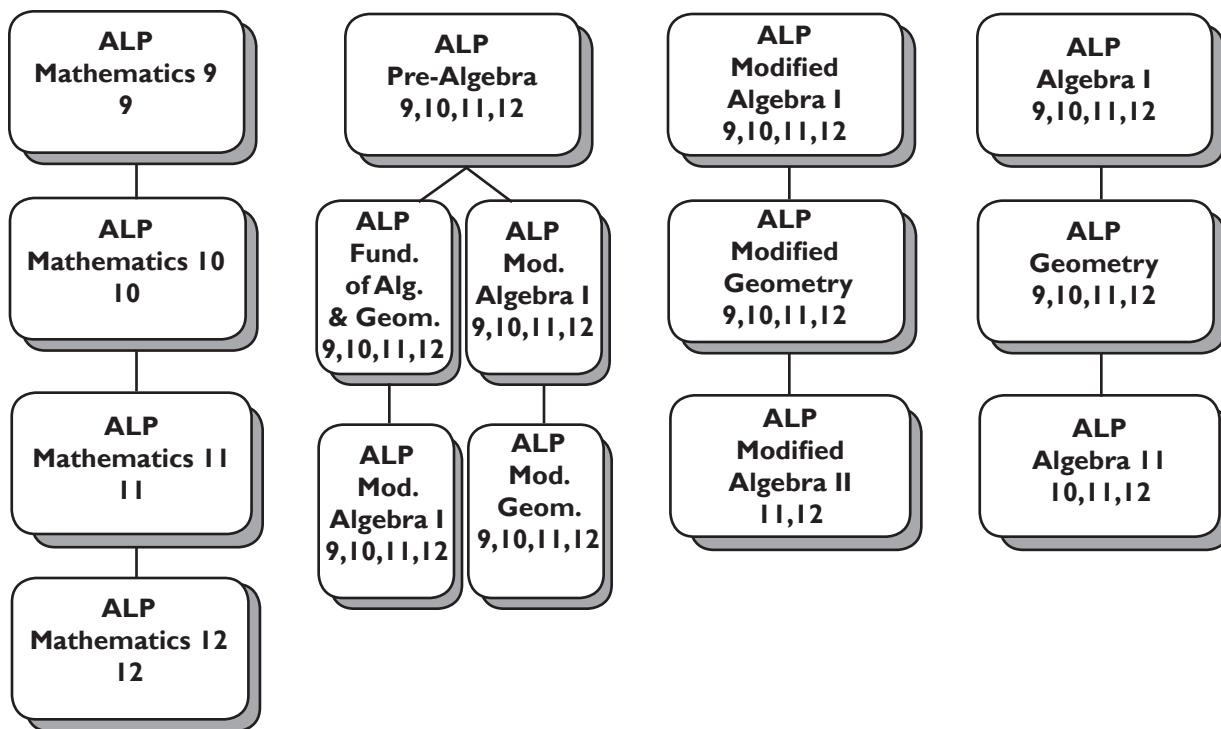
Students will read and discuss selections of American literature from the Colonial period to the present. Short stories, poetry, drama, and a novel are included

**7018 ALP ENGLISH 12 (4)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 12

Literary terms, characterization, plot, and theme of modern American works are covered. Students will evaluate and critique the readings through group discussion and writing assignments.

# SPECIAL EDUCATION PROGRAMS

## ALP MATHEMATICS COURSES



### 7022 ALP MATHEMATICS 9 (4)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9

This course reviews addition, subtraction, multiplication and division of whole numbers, fractions, decimals and percents. Other topics such as geometry, ratios, proportions, the metric system, negative numbers, square roots, and graph reading are also included to help reinforce basic arithmetic concepts. Emphasis is placed on solving word problems. Calculators are used occasionally to strengthen skills. An individualized approach is used.

NOTE: Successful completion of this course will fulfill the geometry requirement for graduation.

### 7024 ALP MATHEMATICS 10 (4)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 10

This course reviews the operations of whole numbers, fractions and decimals, while expanding into positive and negative numbers, percents, ratios, proportions, metric, geometric formulas, probability and statistics, and the solution of basic linear equations. An individualized approach is used.

### 7026 ALP MATHEMATICS 11 (4)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11

This course gives a further and more detailed study of the real number system. Units on inverse operations, symbols of inclusion, exponential notation, negative exponents, graphing, multi-variable equations, polynomials, and set notation will be studied. An individualized approach is used.

### 7028 ALP MATHEMATICS 12 (4)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 12

This is a continuation of 7026 ALP MATHEMATICS 11. Units in domains, radical expressions, scientific notation, rational equations, quadratic equations, the Pythagorean theorem, and slope formula will be covered. An individualized approach is used.

# SPECIAL EDUCATION PROGRAMS

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## **7030 ALP PRE-ALGEBRA (4)**

YEAR COURSE

10 SEM HOURS

OPEN TO: 9,10,11,12

This is a course for students who have not yet developed the skills necessary for a successful experience in algebra. This course reviews the operations of whole numbers, fractions and decimals. The topics of positive and negative numbers, percents, ratios, proportions, metric, and geometric formulas are covered. The solution of basic linear equations is emphasized. Accommodations and modifications will be made to the curriculum based on IEP recommendations for each student.

NOTE: This course is not applicable toward meeting most college admissions requirements. A scientific calculator is required in the second semester.

## **7021 ALP FUNDAMENTALS OF ALGEBRA/GEOMETRY (4)**

YEAR COURSE

10 SEM HOURS

OPEN TO: 9,10,11,12

This course will integrate the basic concepts of algebra and geometry in an activity-based discovery approach. The topics covered will include working with data, modeling mathematics, drawings and patterns, equations, spatial relations, ratio and proportion, probability and decision-making, and functions. Accommodations and modifications will be made to the curriculum based on IEP recommendations for each student.

NOTE: A scientific calculator is required.

NOTE: Successful completion of this course will fulfill the geometry requirement for graduation. This course is not applicable toward meeting most college admissions requirements.

## **7029 ALP MODIFIED ALGEBRA I (4)**

YEAR COURSE

10 SEM HOURS

OPEN TO: 9,10,11,12

This course covers the same topics as 7034 ALP ALGEBRA I, see 7034 ALP ALGEBRA I description. The pace is adjusted to suit the student who needs more time to develop the basic concepts as well as to provide additional practice and review of each concept. Accommodations and modifications will be made to the curriculum based on IEP recommendations for each student.

NOTE: A scientific calculator is required.

## **7034 ALP ALGEBRA I (4)**

YEAR COURSE

10 SEM HOURS

OPEN TO: 9,10,11,12

This course emphasizes the five main commands of algebra: simplify, solve, evaluate, factor, and graph. Simplifying involves operations using signed numbers, polynomials, algebraic fractions, and irrational numbers. Solving includes simple and complex equations and inequalities, along with particular weight given to word problems. Evaluating algebraic expressions will be emphasized. Factoring of binomials and trinomials will be done. Graphing of linear and quadratic equations is also part of this course. Accommodations and modifications will be made to the curriculum based on IEP recommendations for each student.

NOTE: Use of a scientific calculator is required.

## **7019 ALP MODIFIED GEOMETRY (4)**

YEAR COURSE

10 SEM HOURS

OPEN TO: 9,10,11,12

This course employs constructions and algebra to study geometric concepts and relationships. Topics studied include basic geometric definitions and relationships, angles, parallels, triangles, quadrilaterals, proportion and similarity, polygons and area, circles, surface area and volume, coordinate graphing, and transformations. Methods of proof are introduced. Compared to 7020 ALP GEOMETRY, the pace is adjusted to suit the student who needs more time to develop the basic concepts and to provide additional practice and review on each concept. Accommodations and modifications will be made to the curriculum based on IEP recommendations for each student.

NOTE: A calculator with the square and square root functions, a safety compass, and a protractor are required.

NOTE: Successful completion of this course will fulfill the geometry requirement for graduation.

## **7020 ALP GEOMETRY (4)**

YEAR COURSE

10 SEM HOURS

OPEN TO: 9,10,11,12

This course begins with the building blocks gradually leading to formal proof: undefined terms, definitions, postulates, and theorems. With these resources the students will then learn to organize their thoughts and draw valid conclusions. Special

# SPECIAL EDUCATION PROGRAMS

emphasis will be given to properties of parallel and perpendicular lines, congruent triangles, similar polygons, circles, quadrilaterals, areas and volumes, coordinate geometry, logic, constructions, and trigonometry. A transformational approach is emphasized throughout the course. Accommodations and modifications will be made to the curriculum based on IEP recommendations for each student.

NOTE: A scientific calculator with trig functions, a safety compass, and a protractor are required.

NOTE: Successful completion of this course will fulfill the geometry requirement for graduation.

## **7033 ALP MODIFIED ALGEBRA II (4)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11,12

This course covers the same topics as 7035 ALP ALGEBRA II, see 7035 ALP ALGEBRA II description. The pace is adjusted to suit the student who needs more time to develop the basic concepts as well as to provide additional practice and review on each concept. Accommodations and modifications will be made to the curriculum based on IEP recommendations for each student.

NOTE: Use of a graphing calculator is required. The TI-83 Plus or the TI-84 calculators are the recommended models. Instruction is provided on these models.

## **7035 ALP ALGEBRA II (4)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 10,11,12

Students in this course study linear and quadratic equations and inequalities, systems, matrices and determinants, relations and functions, powers and roots, exponential and logarithmic functions, polynomial and rational functions, conic sections, series and sequences, and complex numbers. This course is designed for the college-bound student. Accommodations and modifications will be made to the curriculum based on IEP recommendations for each student.

NOTE: Use of a graphing calculator is required. The TI-83 Plus or the TI-84 calculators are the recommended models. Instruction is provided on these models.

## **ADDITIONAL ALP COURSES**

**ALP  
Biology  
9,10,11,12**

**ALP  
Physical  
Education  
9,10,11,12**

**ALP  
Geoscience  
9,10,11,12**

**ALP  
U. S. History  
11,12**

**ALP  
Living Skills  
9,10,11,12**

**ALP  
World History  
9,10**

**ALP  
Geography  
9,10**

## **7032 ALP BIOLOGY (4)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9,10,11,12

This course offers units relating to cells, animals, plants, reproduction of living things, genetics, ecology, behavior, evolution, and human health and fitness.

## **7031 ALP GEOSCIENCE (4)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9,10,11,12

This course covers the scientific processes of observing, predicting, testing, recording, and interpreting. Topics include the environment, plants, weather, the solar system, and energy.

## **7045 ALP LIVING SKILLS (4)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9,10,11,12

This course is designed to improve social and independent living skills. The class is structured to strengthen peer and adult relations, socially acceptable behavior, self-concept and

# SPECIAL EDUCATION PROGRAMS

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other social skills related to everyday living. Emphasis is placed on financial planning and independence as well as emotional stability and inter-personal relationships.

NOTE: This course may be repeated for credit.

**7040 ALP GEOGRAPHY (4)**  
SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 9,10

The need for geographic literacy has never been greater or more obvious than in today's tightly interrelated world. Students will understand the world's physical features, how they blend with social systems, and how they affect economies, politics, and human interaction. The students will learn to grasp geography and its effect on individuals and societies; they will know the broad concepts of spatial patterns, mapping, population, and physical systems: land, air, and water. Accommodations and modifications will be made to the curriculum based on IEP recommendations for each student.

NOTE: Beginning with the class of 2012, successful completion of this course is required for graduation.

**7038 ALP US HISTORY (4)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11,12

Emphasis in this course will be placed on improving the student's study skills, vocabulary, reading and comprehension while developing basic concepts of U. S. History. Special reading materials, projects, map activities, and audio-visual aids will be used.

NOTE: Successful completion of this course is required for graduation.

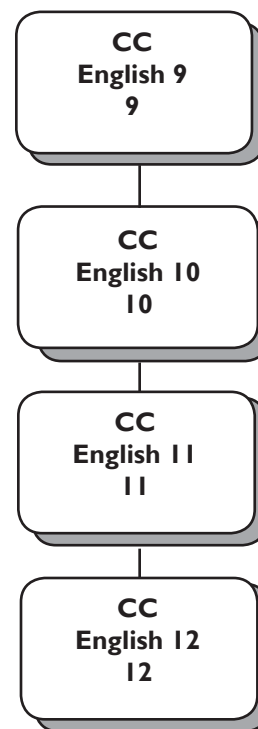
**7036 ALP WORLD HISTORY (4)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9,10

This course covers Western and non-Western civilization from its beginnings to the present time. Emphasis will be placed on improving the student's study skills, vocabulary, reading, and comprehension while developing basic concepts of world history.

NOTE: Successful completion of this course is required for graduation.

## Cross Categorical Program (CC)

### CC ENGLISH COURSES



**7052 CC ENGLISH 9 (4)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9

This course is designed to develop reading and writing skills through the use of novels. Emphasis is on oral reading, word attack, vocabulary development, and reading comprehension. A variety of teaching strategies and materials will be utilized to

# SPECIAL EDUCATION PROGRAMS

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increase student understanding. Students will participate in activities designed to develop their reading and writing skills.

**7054 CC ENGLISH 10 (4)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 10

This course is designed to continue development of oral reading, word attack, vocabulary development and the reading comprehension skills introduced in 7052 CC ENGLISH 9. Additional emphasis will be placed on sentence structure, capitalization and punctuation.

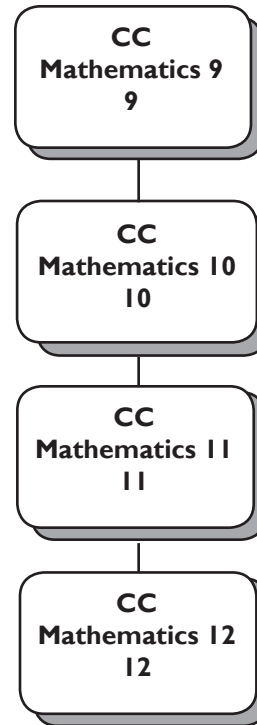
**7056 CC ENGLISH 11 (4)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11

This course is designed to continue skill development in oral reading, word attack, vocabulary development and reading comprehension. Additional emphasis will be placed on paragraph structure and the writing of paragraphs.

**7058 CC ENGLISH 12 (4)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 12

This course is designed to continue skill development in oral reading, word attack, vocabulary development, reading comprehension, and writing of paragraphs. Additional emphasis will be placed on reference skills.

## CC MATHEMATICS COURSES



**7220 CC MATHEMATICS 9 (4)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9

This course provides review to help students strengthen the four basic mathematics operations: addition, subtraction, multiplication, and division. Additional emphasis is given to decimals, fractions, units of measure, percentages, graphs, and applications.

**7224 CC MATHEMATICS 10 (4)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 10

This course provides review to help students strengthen the four basic operations skills, decimals, fractions, units of measure, percentages, graphs, and applications. Basic pre-algebra concepts and skills are studied such as positive and negative numbers, graphing, percents, ratios, and the use of algebra in real life situations.

# SPECIAL EDUCATION PROGRAMS

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**7228 CC MATHEMATICS 11 (4)**

**7250 CC MATHEMATICS 12 (4)**

YEAR COURSE

10 SEM HOURS

OPEN TO: 11,12

This course provides review to help students strengthen the basic operations skills, decimals, fractions, units of measure, percentages, graphs, and applications. Basic geometry concepts and skills will be studied including basic geometric definitions and relationships, angles, parallels, triangles, quadrilaterals, proportion and similarity, polygons and area, circles, surface area and volume, and coordinate graphing.

NOTE: Successful completion of this course will fulfill the geometry requirement for graduation.

# SPECIAL EDUCATION PROGRAMS

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**"An investment in knowledge pays the best interest."**

Benjamin Franklin

## **Clay Academy ODYSSEY PROGRAM**

### **72801 CREDIT RECOVERY PROGRAM**

The Credit Recovery Program at Clay Academy is an internet-based educational program for students receiving special education services. This program provides an opportunity for students who have not been successful in other traditional educational settings. This is a district-wide program for both high schools but is housed at Clay Academy. This program is designed to serve students in grades 9 through 12 and provides core and elective courses.

Students gain access to the Credit Recovery Program through the Individualized Education Plan team. Student schedules are developed so they receive the full complement of the high school courses leading to graduation from high school. Most available courses fulfill core graduation requirements. Students will need to complete many elective graduation credits, including PE, outside of the program. To receive credit for courses, all lessons must be completed with an 80% or better proficiency score as well as successful completion of the assigned course project(s).

### **7051 ALP WORLD EVENTS (4)**

YEAR COURSE

10 SEM HOURS

OPEN TO: 9,10,11,12

Students will learn current trends and topics on health and science; society, local, national, and international events; and people that impact world events.

### **6513 ECONOMICS FOR THE MODERN CONSUMER (4)**

SEMESTER COURSE

5 SEM HOURS

OPEN TO: 9,10,11,12

PRE-REQUISITE: *7186 CONSUMER EDUCATION I*

Students will learn economic systems, supply and demand, business, labor and wages, money and banking investments, global economy, and consumer and economic decision making. This will be presented in a case study approach through name-brand corporations such as Coca-Cola, Schwinn Bicycles, and Ben & Jerry's Ice Cream, to name a few.

### **5135 ALP PHYSICAL EDUCATION (4)**

YEAR COURSE

10 SEM HOURS

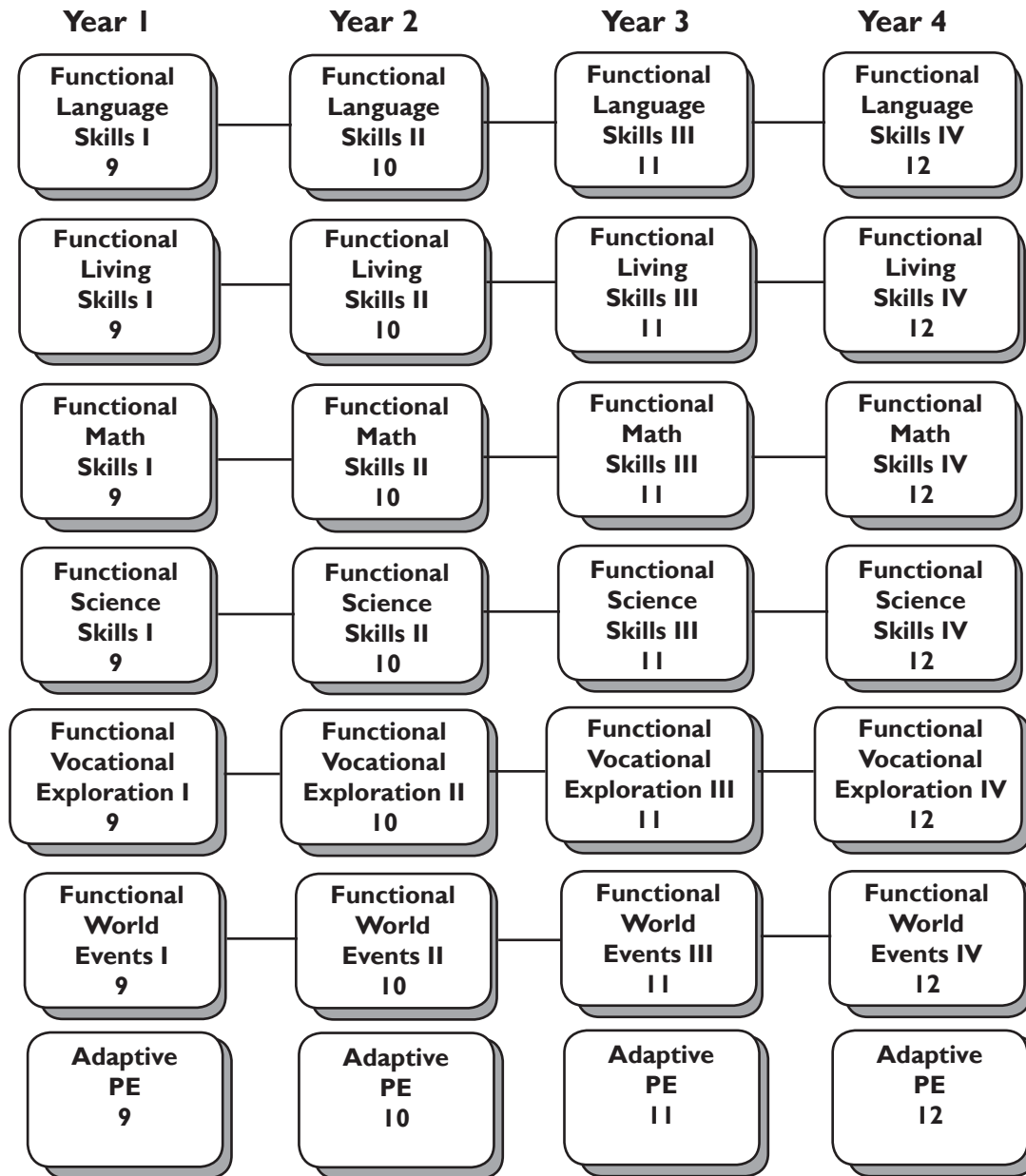
OPEN TO: 9,10,11,12

This is a special course for ALP students who need a more individualized physical education program. Enrollment in this course is based on staff recommendation. The C-/Pass Grade Option is available.

# SPECIAL EDUCATION PROGRAMS

## Functional Living Skills Program

NOTE: Please see Life Connections description on page 112 for year five through seven.



# SPECIAL EDUCATION PROGRAMS

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## **FUNCTIONAL LANGUAGE SKILLS I-IV (3)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9,10,11,12+

The focus of FUNCTIONAL LANGUAGE SKILLS is the study of writing skills. Students are taught the basics of correct grammar, punctuation, capitalization, spelling, and writing. These skills are learned through discussion, exploration, and hands on approach for daily living skills.

## **FUNCTIONAL LIVING SKILLS I-IV (3)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9,10,11,12+

The focus of FUNCTIONAL LIVING SKILLS is to teach students about daily living. This can range from safety skills, cooking, cleaning, how to take care of an apartment, shopping, health and hygiene, and reading for content. Students explore the community and learn about different avenues of interest such as grocery shopping, drug store, retail store, finding bargains, and researching items before purchasing, etc. These skills are learned through discussion, exploration, and hands on approach for daily living skills.

## **FUNCTIONAL MATHEMATICS I-IV (3)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9,10,11,12+

The focus of FUNCTIONAL MATHEMATICS is the study of basic mathematics concepts and how they relate to life. Students are taught about money, recognition of coins and dollars, value of coins and dollars, adding money, banking skills, checking accounts, savings accounts, bills, etc. Students are taught simple addition, subtraction, multiplication, and division. Students are taught how to use a clock and tell time in increments of one minute. Students are taught about fractions, especially for cooking and measuring. These skills are learned through discussion, exploration, and hands on approach for daily living skills.

## **FUNCTIONAL SCIENCE I-IV (3)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9,10,11,12+

The focus of FUNCTIONAL SCIENCE is the study of basic science concepts and how they relate to life. Students are taught about the four seasons, weather, climate, and how to properly

dress for weather and safety conditions. Students are taught about nutrition and healthy eating choices using the food pyramid. Students are taught how to make healthy food selections by eating less fat. These skills are learned through discussion, exploration, and hands on approach for daily living skills.

## **FUNCTIONAL VOCATIONAL EXPLORATION I-IV (3)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9,10,11,12+

The focus of FUNCTIONAL VOCATIONAL EXPLORATION is to teach students about various jobs. Students are taught about laundry; working a washer, dryer, and dishwasher; helping in the library; helping with paperwork; and daily maintenance of the classroom. Students are given the opportunity to work in various areas of the building exploring avenues of work. These skills are learned through discussion, exploration, and hands on approach for daily living skills.

## **FUNCTIONAL WORLD EVENTS I-IV (3)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9,10,11,12+

The focus of FUNCTIONAL WORLD EVENTS is to teach students about local, regional, state, and federal governments. Students are taught about the election process. Students use the newspaper to discuss local, regional, state, national, and international affairs. Students are taught how events affect their daily lives. These skills are learned through discussion, exploration, and hands on approach for daily living skills.

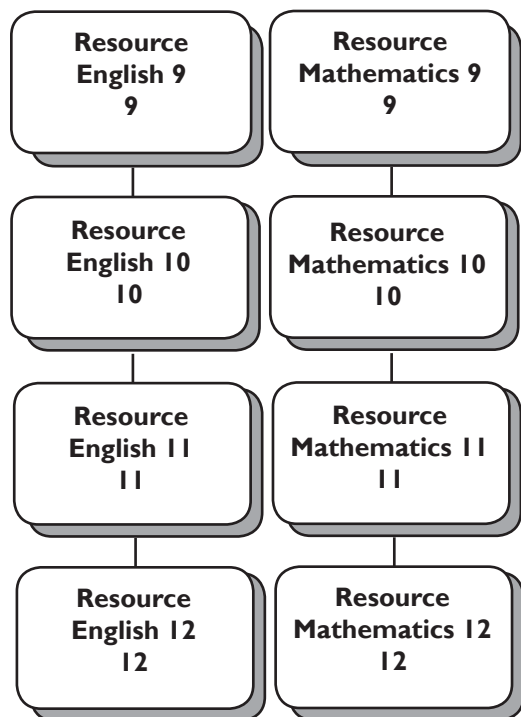
## **5136 ADAPTIVE PE (4)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9,10,11,12+

This is a special course designed for students who are not physically capable of participating in the other courses offered in the physical education department. Enrollment in this course is based on staff recommendation. C-/Pass Grade option is available.

# SPECIAL EDUCATION PROGRAMS

## Resource Program



### 7122 RESOURCE ENGLISH 9 (4)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9

This course emphasizes corrective reading skills including word-attack skills, sight words, phonics, reading comprehension, spelling, and written expression. A speech unit is included. Compensatory skills for understanding and communicating English are encouraged.

### 7124 RESOURCE ENGLISH 10 (4)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 10

Language and reading skills include increasing reading comprehension, grammar usage, spelling and sentence structure. Longer papers will be written, and public speaking will be practiced. Reading and group discussions of fiction and non-fiction stories, novels and plays are included.

### 7126 RESOURCE ENGLISH 11 (4)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11

This course teaches the student to develop reasoning skills,

reading for information, writing skills, following sequential instructions, learning information and spelling. Students will read and write about literature written by American authors, including a short science fiction novel.

### 7128 RESOURCE ENGLISH 12 (4)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 12

This course develops oral and written communication skills, reasoning skills, vocabulary and spelling with a vocational emphasis. Students will write longer papers including a short research paper. Public speaking skills for personal and vocational usage will be taught. Pleasure reading of contemporary authors, newspapers and magazines is encouraged.

### 7132 RESOURCE MATHEMATICS 9 (4)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9

This course provides review to help students strengthen the four basic mathematics operations: addition, subtraction, multiplication, and division. Additional emphasis is given to decimals, fractions, units of measure, percentages, graphs, and applications.

### 7134 RESOURCE MATHEMATICS 10 (4)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 10

This course provides review to help students strengthen the four basic operations skills, decimals, fractions, units of measure, percentages, graphs, and applications. Basic pre-algebra concepts and skills are studied such as positive and negative numbers, graphing, percents, ratios, and the use of algebra in real life situations.

### 7138 RESOURCE MATHEMATICS 11 (4)

### 7146 RESOURCE MATHEMATICS 12 (4)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11,12

This course provides review to help students strengthen the basic operations skills, decimals, fractions, units of measure, percentages, graphs, and applications. Basic geometry concepts

# SPECIAL EDUCATION PROGRAMS

and skills will be studied including basic geometric definitions and relationships, angles, parallels, triangles, quadrilaterals, proportion and similarity, polygons and area, circles, surface area and volume, and coordinate graphing.

NOTE: Successful completion of this course will fulfill the geometry requirement for graduation.

## General Program

<b>Biology 1</b> <b>9,10,11</b>	<b>Geoscience 1</b> <b>9,10</b>
<b>Constitution 1</b> <b>11,12</b>	<b>Health 1</b> <b>9,10,11</b>
<b>Consumer Ed 1</b> <b>11,12</b>	<b>Resource Study A &amp; B</b> <b>9,10,11,12</b>
<b>Geography 1</b> <b>9,10</b>	<b>US History 1</b> <b>10,11,12</b>
	<b>World History 1</b> <b>10,11</b>
<b>Fundamentals of Reading 1</b> <b>9,10,11,12</b>	<b>Independent Living Skills</b> <b>9,10,11,12</b>

**7157 BIOLOGY 1 (4)**  
 YEAR COURSE  
 10 SEM HOURS  
 OPEN TO: 9,10,11

This course is a survey of biological principles including cells, genetics, biological diversity, botany, and ecology. Students will be involved in numerous hands-on activities to reinforce major concepts. Activities include designing labs, collecting

and analyzing data, manipulating models, and research in addition to material from the text. Accommodations and modifications will be made to the curriculum based on IEP recommendations for each student.

**7153 GEOSCIENCE 1 (4)**  
 YEAR COURSE  
 10 SEM HOURS  
 OPEN TO: 9,10

Geoscience is a course that introduces students to the areas of geology, oceanography, meteorology, and astronomy. An emphasis is placed on scientific method and basic science skills. Accommodations and modifications will be made to the curriculum based on IEP recommendations for each student.

**7188 CONSTITUTION 1 (4)**  
 SEMESTER COURSE  
 5 SEM HOURS  
 OPEN TO: 11,12

This course centers around the study of the federal and state Constitutions. Emphasis will be placed on the principles behind American government. These principles will be applied to help understand modern America.

NOTE: Successful completion of this course is required for graduation.

**7186 CONSUMER EDUCATION 1 (4)**  
 SEMESTER COURSE  
 5 SEM HOURS  
 OPEN TO: 11,12

This course concentrates on areas of comparison shopping, installment buying, budgeting, insurance, taxes, purchase/rental of homes, banking, and advertising among other selected topics.

NOTE: Successful completion of this course is required for graduation.

**7082 HEALTH 1 (4)**  
 SEMESTER COURSE  
 5 SEM HOURS  
 OPEN TO: 9,10,11

This course covers units on family values, mood modifiers, human sexuality, nutrition, exercise and weight control, first-

# SPECIAL EDUCATION PROGRAMS

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aid procedures, mental and emotional health, body systems, disease prevention and control, death and dying.

NOTE: Parents may request alternate assignments for the unit on human sexuality. A parent must submit a request in writing and communicate with the health teacher to obtain the alternate assignment.

NOTE: Successful completion of this course is required for graduation.

**7192 RESOURCE STUDY A**  
**7193 RESOURCE STUDY B**  
SEMESTER COURSE  
NO CREDIT  
OPEN TO: 9,10,11,12

This course will provide academic assistance to those students who are taking regular curriculum courses. Students are to bring homework assignments to this class. Organization and study skills are reinforced.

**7160 GEOGRAPHY 1 (4)**  
SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 9,10

The need for geographic literacy has never been greater or more obvious than in today's tightly interrelated world. Students will understand the world's physical features, how they blend with social systems, and how they affect economies, politics, and human interaction. The students will learn to grasp geography and its effect on individuals and societies. They will know the broad concepts of spatial patterns, mapping, population, and physical systems: land, air, and water. Accommodations and modifications will be made to the curriculum based on IEP recommendations for each student.

NOTE: Beginning with the class of 2012, successful completion of this course is required for graduation.

**7162 US HISTORY 1 (4)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 10,11,12

This course covers the full range of American history from Pre-Colonial times to the present using a topical approach. Emphasis is placed upon the development of the student's potential to research and analyze historical resources. Students will analyze the cause and effect of the relationship between the past to the present. Accommodations and modifications

will be made to the curriculum based on IEP recommendations for each student.

**7156 WORLD HISTORY 1 (4)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 10,11

Students study Western civilization from its beginnings to the present time. Topics studied include religion, power, economics, nationalism, imperialism, the quest for knowledge, and war and peace. World problems of today and their historical origins are discussed. Students study the key social, economic, and political developments of humankind. A review of the geography of the areas discussed is included. Students are expected to do research work. Accommodations and modifications will be made to the curriculum based on IEP recommendations for each student.

NOTE: Successful completion of this course is required for graduation.

**7258 FUNDAMENTALS  
OF READING 1 (4)**  
SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 9,10,11,12

PRE-REQUISITE: *Student must be reading below grade level. Students enrolled in this course must be concurrently enrolled in a Special Education English course.*

This course is designed to provide appropriate reading strategies for students not reading at their ability level. Students participating in the class are placed according to IEP directives and staff recommendation.

NOTE: This course may be repeated for credit.

**7084 INDEPENDENT LIVING SKILLS (4)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9,10,11,12

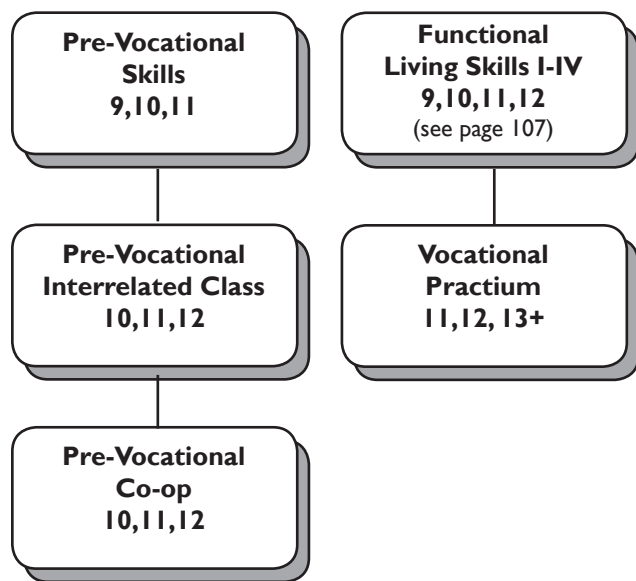
This course is designed to improve social and independent living skills. The class is structured to strengthen peer and adult relations, socially acceptable behaviors, self-concept and other social skills related to everyday living. Skills will be taught related to independent living such as food preparation,

# SPECIAL EDUCATION PROGRAMS

shopping, public transportation and agencies, organizing social gatherings and leisure activities.

NOTE: This course may be repeated for credit.

## Transition Services Program



### 7172 PRE-VOCATIONAL SKILLS (4)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9,10,11

This course focuses on career exploration and development of a career plan. Emphasis is placed on vocabulary development, as it relates to occupational terms. This course will help the student develop the skills to fill out a job application, understand the interviewing process and retain a job.

### 7174 PRE-VOCATIONAL INTERRELATED CLASS (4)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 10,11,12

PRE-REQUISITE: *Successful completion of 7172 PRE-VOCATIONAL SKILLS*

This course is designed to enhance vocational concepts and skills learned in 7172 PRE-VOCATIONAL SKILLS and to facilitate students through the employment process. Students will participate in school-based enterprises and be introduced to job shadowing experiences, enhancing their individual career plan.

### 7176 PRE-VOCATIONAL COOP (4)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 10,11,12

PRE-REQUISITE: *For 7176 PRE-VOCATIONAL COOP, successful completion of 7172 PRE-VOCATIONAL SKILLS and concurrent enrollment in 7174 PRE-VOCATIONAL INTERRELATED CLASS. During a student's second year of coop experience the classroom component does not need to be repeated. Student or case manager must also complete an application checklist and receive the program coordinator's approval.*

This course is designed to improve the transition from school to the workplace for sophomores, juniors, and seniors. Emphasis is placed on career planning, employability skills, consumerism, and independent living. Students in the course will spend a minimum of 10 hours per week in a coordinated vocational work experience in which the school, local businesses, professional areas, and industry work together to provide educational training in an occupation area in relation to the student's career goals. Continual evaluations will take place by the employment specialist and job coach(es).

NOTE: Special performance objectives may be designed for students enrolling in the course based on their level of functioning and their desired post-high school outcomes for adult living and employment, as specified in the transition plan of their IEP.

### 7300 VOCATIONAL PRACTICUM (3)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11,12,13+

PRE-REQUISITE: *Successful completion of 7084 INDEPENDENT LIVING SKILLS, FUNCTIONAL LIVING SKILLS I-IV or department approval. Student or case manager must also complete an application checklist and receive the program coordinator's approval.*

This course is designed to improve the transition from school to the workplace for juniors, seniors, and grade 13+. Emphasis is placed on career planning, employability skills, and independent living. Students in the course will spend a minimum of 10 hours per week in a coordinated vocational work experience in which the school, local businesses, professional areas, and industry work together to provide educational training, both paid and non-paid, in an occupational interest area of the student, as related to each student's career goals. Continual evaluations will take place by the employment specialist, job coach(es), and transition team.

NOTE: Special performance objectives may be designed

# SPECIAL EDUCATION PROGRAMS

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for students enrolling in the course based on their levels of functioning and their desired post-high school outcomes for adult living and employment, as specified in the transition plan of their IEP.

NOTE: This course may be repeated for credit.

## Life Connections

### AN 18-22 TRANSITIONAL PROGRAM (3)

YEAR COURSE

50 SEM HOURS

OPEN TO: 13+

OVER 18 YEARS OF AGE

*PRE-REQUISITE: Completion of a 4-year high school program with a certificate of completion or a total of 4 years spent in the high school environment. Students wishing to gain entrance into the program before completion of the above requirements need to have a referral from their IEP team, completed application, and approval from the program coordinator.*

This course is a functional cross-categorical program that students may attend after completing a 4-year high school program. The program was designed to improve the transition from high school into post-secondary options. Emphasis will be placed on the following 6 core transitional areas: independent living, continuing education, vocation/career training and explorations, communication and socialization, recreation and leisure, and community integration. This program is held at various locations throughout the week including, but not limited to, McHenry County College, Woodstock CUSD #200, and other community locations as appropriate.

NOTE: Special performance objectives may be designed for students enrolling in this program based on their levels of functioning and their desired post-high school outcomes for adult living, training, employment, and education, as specified in their IEP.

NOTE: This course may be repeated for credit.

# STUDENT SERVICES

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**“Every youth owes it to himself and to the world to make the most possible out of the stuff that is in him...”** Orison Swett Marden

**9514 MATH SKILLS LAB 9 (4)**  
**9516 MATH SKILLS LAB 10 (4)**  
**9518 MATH SKILLS LAB 11 (4)**  
**9520 MATH SKILLS LAB 12 (4)**  
QUARTER COURSE  
2.5 SEM HOURS **or**  
SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 9,10,11,12

PRE-REQUISITE: *Academic need as measured by standardized test scores, mathematics grades, etc.*

This course is designed for students who need extra help with academic achievement in mathematics. Students will receive individualized attention from a math specialist; students will learn skill development techniques as well as time to practice their newly learned skills.

District 200 believes that all students should graduate with core foundation skills in mathematics. Therefore, students who qualify for this course are required to take this course.

NOTE: This course may be repeated for credit if warranted.

**9513 READING SKILLS LAB 9 (4)**  
**9515 READING SKILLS LAB 10 (4)**  
**9517 READING SKILLS LAB 11 (4)**  
**9519 READING SKILLS LAB 12 (4)**  
QUARTER COURSE  
2.5 SEM HOURS **or**  
SEMESTER COURSE  
5 SEM HOURS  
OPEN TO: 9,10,11,12

PRE-REQUISITE: *Academic need as measured by standardized test scores, previous English course grades, etc.*

This course is designed for students who need extra support with academic achievement in reading and writing. Students will receive individualized attention from a reading and writing specialist; students will learn skill development techniques as well as time to practice their newly learned skills.

District 200 believes that all students should graduate with core foundation skills in reading and writing. Therefore, students who qualify for this course are required to take this course.

NOTE: This course may be repeated for credit if warranted.

# WORLD LANGUAGES

这里只说中文 "zheli zhi shuo zhongwen"

“Ici on parle français.”

“Hier spricht man Deutsch.”

“Se habla español aquí.”

College-bound students are encouraged to follow the recommendation of many state colleges to pursue a two- to four-year sequence of one language. This sequence may result in high achievement on a placement examination taken at the time of entrance to college. This score may either exempt or permit advanced placement in a world language program.

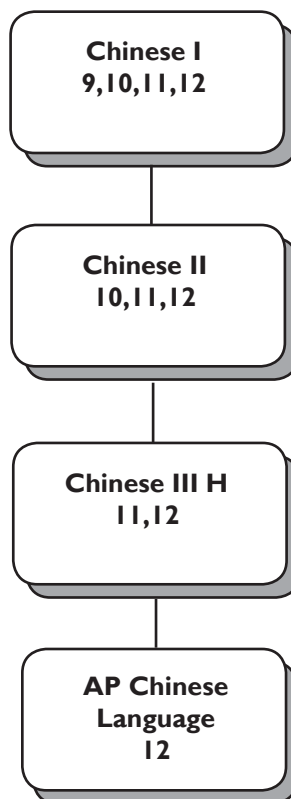
Students taking world language courses outside of District 200 must take a WHS or WNHS proficiency exam to show they have mastered the material at that level before being allowed to register for the next level of language at WHS or WNHS.

Students who have a competency in any language due to heritage or prior instruction will be required to take a placement exam and will be placed according to proficiency level. No credit is issued for levels of proficiency through testing.

First-year enrollments may determine the number of sequential years each language will be offered.

World language fees cover the purchase and maintenance of headsets for the language lab; headsets are used as part of each world language course.

## Chinese



### 2060 CHINESE I (4)

YEAR COURSE

10 SEM HOURS

OPEN TO: 9,10,11,12

PRE-REQUISITE: *Recommendation of middle school language arts teacher based on spelling, grammar, and listening skills*

Students will study the Chinese language, its culture and history. This course will establish the foundation for further study. Oral skills, vocabulary, learning the Chinese alphabet, simple conversations, short readings, and language lab activities will be covered.

FEE: \$20.00 for a one-time purchase of a personal computer headset with microphone

### 2062 CHINESE II (4)

YEAR COURSE

10 SEM HOURS

OPEN TO: 9,10,11,12

PRE-REQUISITE: *Successful completion of 2060 CHINESE I*

This course is a continuation of the grammar, pronunciation, and cultural studies introduced in 2060 CHINESE I. The skills of conversation, basic grammar, and the introduction of reading and writing will be the focus of study. The computer lab will be used on a consistent basis of reinforcement for the skills.

FEE: only if replacement headset is needed

# WORLD LANGUAGES

## 2064 CHINESE III H (5)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *Successful completion of 2062 CHINESE II or tested proficiency of 2062 CHINESE II*

This course is a continuation of grammatical development with an emphasis on improving both oral and written fluency. Reading comprehension skills and pronunciation will be strengthened by the study of short stories and novels. Use of the computer lab will be continued.

FEE: only if replacement headset is needed

## 2066 AP CHINESE LANGUAGE (5)

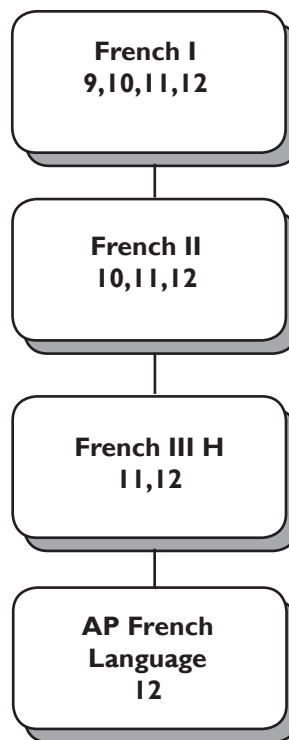
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 12

PRE-REQUISITE: *Successful completion of 2064 CHINESE III H or tested proficiency of 2064 CHINESE III H*

This course, taught almost entirely in Chinese, will prepare students for the AP Chinese Language exam. Units of study align with the suggested AP curriculum and include advanced grammar, composition writing, reading of literature, and advanced listening and speaking activities. Use of the language lab to hear native speakers, to read authentic written texts from magazines and media, and to practice exercises in the format of the test will be incorporated weekly. Students will be encouraged, but not required, to take the AP Chinese Language exam at the end of the course.

FEE: only if replacement headset is needed

## French



## 2012 FRENCH I (4)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9,10,11,12

PRE-REQUISITE: *Recommendation of middle school language arts teacher based on spelling, grammar, and listening skills*

This course consists of simple conversations, basic grammar, short reading passages, extensive use of the computer lab to reinforce auditory skills and the study of culture as it relates to individual units of study.

FEE: \$20.00 for a one-time purchase of a personal computer headset with microphone

## 2022 FRENCH II (4)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 10,11,12

PRE-REQUISITE: *Successful completion of 2012 FRENCH I or tested proficiency of 2012 FRENCH I*

This course consists of a continuation of conversation and basic grammar with the development of additional skills of reading and writing. Culture will be discussed as topics are

# WORLD LANGUAGES

covered in individual units of study. Use of the computer lab will be continued.

FEE: only if replacement headset is needed

## 2032 FRENCH III H (5)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *Successful completion of 2022 FRENCH II or tested proficiency of 2022 FRENCH II*

This course is a continuation of grammatical development with an emphasis on improving both oral and written fluency. Reading comprehension skills and pronunciation will be strengthened by the study of short stories and novels. Use of the computer lab will be continued. The curriculum will align with the AP recommendations to prepare students for the AP test in French Language.

FEE: only if replacement headset is needed

## 2042 AP FRENCH LANGUAGE (5)

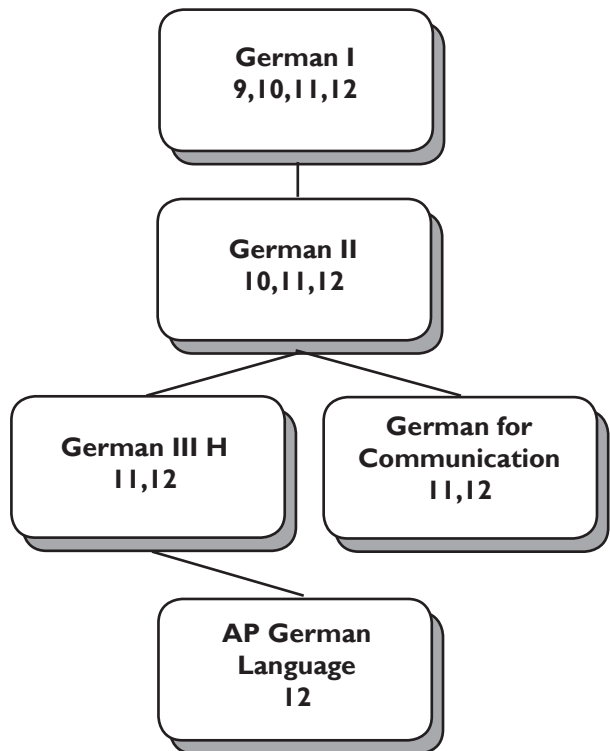
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 12

PRE-REQUISITE: *Successful completion of 2032 FRENCH III H or tested proficiency of 2032 FRENCH III H*

This course, taught almost entirely in French, will prepare students for the AP French Language exam. Units of study align with the suggested AP curriculum and include advanced grammar, composition writing, reading of literature, and advanced listening and speaking activities. Use of the language lab to hear native speakers, to read authentic written texts from magazines and media, and to practice exercises in the format of the test will be incorporated weekly. Students will be encouraged, but not required, to take the AP French Language exam at the end of the course.

FEE: only if replacement headset is needed

## German



## 2016 GERMAN I (4)

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9,10,11,12

PRE-REQUISITE: *Recommendation of middle school language arts teacher based on spelling, grammar, and listening skills*

This course establishes an oral foundation for future years of study. Oral skills and basic grammar structures are emphasized while vocabulary is learned thematically in German language phrases rather than in translation. Correct pronunciation and syntax are reinforced through classroom practice and the language learning lab.

FEE: \$20.00 for a one-time purchase of a personal computer headset with microphone

# WORLD LANGUAGES

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## **2026 GERMAN II (4)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 10,11,12

PRE-REQUISITE: *Successful completion of 2016 GERMAN I or tested proficiency of 2016 GERMAN I*

This course expands greatly on the foundation established in 2016 GERMAN I. Speaking and listening comprehension are developed through dialogues and oral drills. Reading in German receives more emphasis. Vocabulary is increased and grammar is presented in deeper and broader detail. The use of German is commensurate with the topic being covered.

FEE: only if replacement headset is needed

## **2047 GERMAN FOR COMMUNICATION (4)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *Student must successfully complete or demonstrate tested proficiency of 2026 GERMAN II.*

This is a slower-paced course than Honors German III. The focus is conversation based with understanding and appreciation of cultures, history, and social issues, which form the foci of the curriculum.

FEE: only if replacement headset is needed

## **2036 GERMAN III H (5)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *Successful completion of 2026 GERMAN II or tested proficiency of 2026 GERMAN II*

The major portion of the class communication is in German. Students receive increased emphasis and study of German history and geography. Activities include speaking, reading, grammar concepts and exercises, videos, and written practice.

FEE: only if replacement headset is needed

## **2046 AP GERMAN LANGUAGE (5)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 12

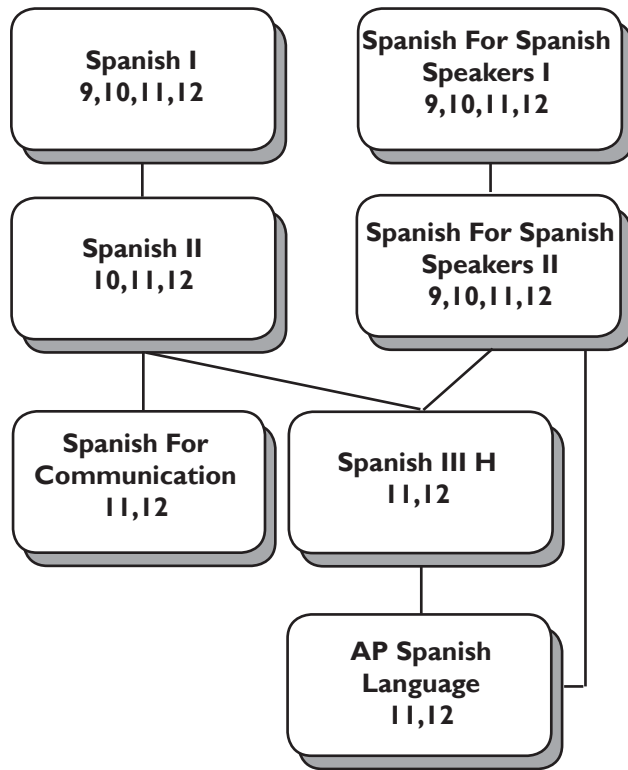
PRE-REQUISITE: *Successful completion of 2034 GERMAN III H or tested proficiency of 2034 GERMAN III H*

This course, taught almost entirely in German, will prepare students for the AP German Language exam. Units of study align with the suggested AP curriculum and include advanced grammar, composition writing, reading of literature, and advanced listening and speaking activities. Use of the language lab to hear native speakers, to read authentic written texts from magazines and media, and to practice exercises in the format of the test will be incorporated weekly. Students will be encouraged, but not required, to take the AP German Language exam at the end of the course.

FEE: only if replacement headset is needed

# WORLD LANGUAGES

## Spanish



**Students whose native language is Spanish will be tested and placed according to ability.**

**2018 SPANISH I (4)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9,10,11,12

PRE-REQUISITE: *Recommendation of middle school language arts teacher based on spelling, grammar, and listening skills*

The course consists of an introduction to basic vocabulary and grammar structures, simple discussion, and reading. Topics of cultural interest are presented. Use of the computer lab will be incorporated.

FEE: \$20.00 for a one-time purchase of a personal computer headset with microphone

**2028 SPANISH II (4)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 10,11,12

PRE-REQUISITE: *Successful completion of 2018 SPANISH I or tested proficiency of 2018 SPANISH I*

This course will continue to build listening and speaking skills and emphasize more advanced reading and writing skills along with additional grammar and cultural topics. The computer lab will continue to be used.

FEE: only if replacement headset is needed

**2049 SPANISH FOR COMMUNICATION (4)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *Student must successfully complete or demonstrate tested proficiency of 2028 SPANISH II.*

This is a slower-paced course than Honors Spanish III. The focus is conversation based with understanding and appreciation of cultures and social issues, which form the center of the curriculum.

FEE: only if replacement headset is needed

**2038 SPANISH III H (5)**  
YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *Successful completion of 2028 SPANISH II and recommendation of teacher or tested proficiency of 2028 SPANISH II*

This course, taught in Spanish as much as possible, will continue to develop grammar, vocabulary, reading comprehension and oral fluency. These skills will be developed through the reading and discussion of stories and literary selections. Speaking skills will be developed through discussion and oral presentations. The use of the computer lab and internet will continue.

FEE: only if replacement headset is needed

# WORLD LANGUAGES

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## **2048 AP SPANISH LANGUAGE (5)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 11,12

PRE-REQUISITE: *Successful completion of 2038 SPANISH III H and the recommendation of the teacher or tested proficiency of 2038 SPANISH III H*

This course, taught almost entirely in Spanish, will prepare students for the AP Spanish Language exam. Units of study align with the suggested AP curriculum and include advanced grammar, composition writing, reading of literature, and advanced listening and speaking activities. Use of the language lab to hear native speakers, to read authentic written texts from magazines and media, and to practice exercises in the format of the test will be incorporated weekly. Students will be encouraged, but not required, to take the AP Spanish Language exam at the end of the course.

FEE: only if replacement headset is needed

## **2052 SPANISH FOR SPANISH SPEAKERS I (4)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9,10,11,12

PRE-REQUISITE: *Student must possess a native Spanish-speaking competency and limited competency in reading and writing in Spanish. Placement will be based on testing.*

This course is designed for native speakers of Spanish who have limited proficiency in reading and writing. The emphasis is on moving from spoken to written language skills. The students will be given an opportunity to explore cultural and contemporary topics through readings and other activities.

FEE: \$20.00 for a one-time purchase of a personal computer headset with microphone

## **2054 SPANISH FOR SPANISH SPEAKERS II (4)**

YEAR COURSE  
10 SEM HOURS  
OPEN TO: 9,10,11,12

PRE-REQUISITE: *Student must possess a native Spanish-speaking competency and limited competency in reading and writing in Spanish. Completion of 2052 SPANISH FOR SPANISH SPEAKERS I is required; however, placement will be based on testing.*

This course for Spanish-speaking students is designed to increase competency in reading and writing while increasing knowledge of the cultures and languages of the Spanish-speaking world. Grammar and vocabulary expansion will also be an integral part of the course. Group discussions and individual presentations will be employed.

FEE: only if replacement headset is needed

# ACADEMY OF C.H.A.N.G.E.S.

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**"Knowledge is power itself."** Francis Bacon

**"By altering our attitudes, we can alter our lives."**

**"Sometimes life gives you a second chance."**

**9540 ACADEMY OF C.H.A.N.G.E.S. - A.M.  
9541 ACADEMY OF C.H.A.N.G.E.S. - P.M.  
COMPUTERS HELPING AND NEGOTIATING  
GRADUATION SO EVERYONE SUCCEEDS**

The Academy of C.H.A.N.G.E.S. is a non-traditional internet-based educational program. This program provides an opportunity for students who have not been successful in other traditional educational settings. The district-wide program is housed at Woodstock High School and is designed to serve students in grades 9 through 12. However, the emphasis will be on credit recovery and assisting students to graduate in 4 years. Therefore, students who have the potential to graduate during the current academic year will have preference over other students. Some students may choose to return to all regular WHS or WNHS classes at semester, after some credit recovery in the Academy. A return to regular WHS or WNHS classes may also be deemed appropriate by the instructional team.

Students gain access to the Academy of C.H.A.N.G.E.S. through the WHS and WNHS Alternative Team process outlined below. Student schedules are developed so they receive the full complement of high school courses leading to graduation from high school. Most available courses fulfill core graduation requirements. Students will need to complete many elective graduation credits, including PE, outside of the Academy program. To receive credit for an Academy course, all lessons must be completed with an 80% or better proficiency score as well as successful completion of the assigned course project(s). Continuation in the Academy of C.H.A.N.G.E.S. program is reviewed each semester and is contingent upon maintaining appropriate levels of attendance, time-on-task, and course completion.

Listed below is the admission process to the Academy of C.H.A.N.G.E.S.:

1. referral of student by:
  - a. self
  - b. parent/guardian
  - c. counselor
  - d. administrator
  - e. teacher
  - f. support staff
  
2. Student obtains Academy of C.H.A.N.G.E.S. ap-

plication from the guidance office, completes the application, and returns it to the guidance office.

3. The application is reviewed by the Admission Committee.
4. Counselor reviews student data.
5. Student and parent/guardian meet with administrator of Academy for interview.
6. Letter is sent to student regarding acceptance or rejection.

# COUNTY COOPERATIVE

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**“Be curious always! For knowledge will not acquire you, you must acquire it.”** Sudie Bock

## **9022 BASIC NURSE ASSISTANT (4)**

(OFFERED AT MCHENRY COUNTY COLLEGE)

SEMESTER COURSE

(NAE100 - MCHENRY COUNTY COLLEGE)

10 SEM HOURS

7 CREDITS AT MCC

OPEN TO: 11,12

PRE-REQUISITE: *Students enrolling in this program must score an 18 on the ACT Reading test or a score of 48 or higher on the COMPASS Reading Placement test. Documentation of an ACT test score or COMPASS Reading test score must accompany the High School Plus Registration Form. The COMPASS Reading test can be taken at MCC's Testing Center located in Building A, room 245. There is no charge to take the test. Students must have a 2.0 cumulative GPA or above and excellent attendance record as well as completion of the High School Plus application at time of registration. Application to the BASIC NURSE ASSISTANT program must be submitted and approved by both the Career Facilitator and Assistant Principal prior to enrollment.*

This double-period course consists of the Certified Nursing Assistance (CNA) theory offered in the classroom at McHenry County College and 40 hours of clinical experience at Centegra, Sunset Manor, or Valley Hi Nursing Home. The clinical hours will be completed on Saturdays and/or student vacation days as the schedule permits. In addition to high school credit, students will earn 7 credit hours at MCC toward Emergency Medical Technician (EMT) certification. Students will be dropped from this course per state regulations with a grade of *F* if their grade falls below 75% or if they exceed the maximum number of 2 missed class periods.

NOTE: Uniform, shoes, and a watch with a second hand must be purchased by the student for the clinical experience. Students must provide their own transportation to MCC for this course. No student will be allowed to drop this course once he/she is accepted. Students are responsible for their High School Plus Registration Form fee as well as purchasing their own text books.

A current physical and tuberculosis (TB) test must also be on file.

NOTE: Please be aware that this course follows the MCC academic calendar. Students should plan to begin classes prior to the start of the WHS and WNHS semester.

## **9024 CRIMINAL JUSTICE (4)**

(OFFERED AT MCHENRY COUNTY COLLEGE)

SEMESTER COURSE (SPRING ONLY)

(MCC COURSE NUMBER - SEE BELOW)

10 SEM HOURS

10 CREDITS AT MCC

OPEN TO: 12

PRE-REQUISITE: *Students must have a 2.0 cumulative GPA or above and an excellent attendance record as well as completion of the High School Plus application at time of registration. Application to the Criminal Justice Program must be submitted and approved by both the Career Facilitator and Assistant Principal prior to enrollment.*

FRS 100 - INTRO TO EMERGENCY SERVICES (2 MCC CREDITS): This course is an overview of the training requirements, job responsibilities, and interactions in the fields of EMS, Fire Science, and Law Enforcement as they exist in today's society. This course will provide information to students considering a career in one of these exciting fields.

EMS 105 - FIRST RESPONDER (3 MCC CREDITS): This course is designed to instruct those interested in entering a profession in emergency services in the proper identification and treatment of emergency trauma and illness, with the primary aim of stabilizing victims and providing life support until emergency medical personnel arrive. Instruction includes physical assessment of the patient, CPR (Cardiopulmonary Resuscitation), bleeding control, management of shock, fracture care, recognition of medical illness, childbirth, and emergency movement of patients from hazardous situation. Lecture and practical lab experience are incorporated in the class.

CJS 101 - INTRO TO CRIMINAL JUSTICE (3 MCC CREDITS): An introduction to the philosophy of social control and the history of law and criminal justice. Causative factors and definitions relating to crime and criminality explored, and the criminal justice system identified, including the police, the courts, and correctional agencies, and the roles of each as they relate to the offender and society examined. Emphasis on the role of criminal justice and its relationship to society. Opportunities for a career in criminal justice also discussed.

IND 150 FIELD EXPERIENCE (2 MCC CREDITS): Students will complete a two week, hands-on experience focused on the concepts learned in class.

NOTE: Students must provide their own transportation to MCC for this course. No student will be allowed to drop this course once he/she is accepted. Students are responsible

# COUNTY COOPERATIVE

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for their High School Plus Registration Form fee as well as purchasing their own text books.

NOTE: Please be aware that this course follows the MCC academic calendar. Students should plan to begin classes prior to the start of the WHS and WNHS semester.

**4038 CULINARY SKILLS I (4)**  
SEMESTER COURSE  
(CIP) 20H400  
CLM101-MCC  
10 SEM HOURS  
7 CREDITS AT MCC  
OPEN TO: 11,12

PRE-REQUISITE: *Successful completion of 4034 FOODS AND NUTRITION I and 4037 FOODS AND NUTRITION II*

This course will provide students with an introduction of a commercial kitchen. Upon completion of this course, students will have an understanding of the proper and safe way to handle knives; identify, operate, and maintain kitchen equipment; evaluate and successfully convert recipes; identify and apply the use of spices and herbs in cooking; identify and demonstrate proper cooking methods; identify and prepare basic stocks, sauces, and soups.

NOTE: This course will be held at Woodstock North High School. Students are required to provide their own closed-toe, black shoes as part of their uniform.

FEES: A \$50.00 fee is required to cover consumables and a uniform.

**4039 CULINARY SKILLS II (4)**  
SEMESTER COURSE  
(CIP) 20H400  
CLM102-MCC  
10 SEM HOURS  
7 CREDITS AT MCC  
OPEN TO: 11,12

PRE-REQUISITE: *Successful completion of 4038 CULINARY SKILLS I*

This course is a continuation of 4038 CULINARY SKILLS I. Upon completion of this course, students will be proficient in the preparation of stocks, soups, sauces. Students will also be proficient in vegetable identification and cookery, starch identification and cookery, fruit identification, egg cookery, breakfast cookery, and hot and cold sandwich preparation. Emphasis on positive employability traits will be reinforced.

NOTE: This course will be held at Woodstock North High

School. Students are required to provide their own closed-toe, black shoes as part of their uniform.

FEES: A \$50.00 fee is required to cover consumables and a uniform.

**9020 FIRE SCIENCE (4)**  
(OFFERED AT MCHENRY COUNTY COLLEGE)  
SEMESTER COURSE (SPRING ONLY)  
(MCC COURSE NUMBER - SEE BELOW)  
10 SEM HOURS  
10 CREDITS AT MCC  
OPEN TO: 11,12

PRE-REQUISITE: *Students must have a 2.0 cumulative GPA or above and an excellent attendance record as well as completion of the High School Plus application at time of registration. Application to the Fire Science Program must be submitted and approved by both the Career Facilitator and Assistant Principal prior to enrollment.*

FRS 101 - INTRO TO EMERGENCY SERVICES (2 MCC CREDITS): This course is an overview of the training requirements, job responsibilities, and interactions in the fields of EMS, Fire Science, and Law Enforcement as they exist in today's society. This course will provide information to students considering a career in one of these exciting fields.

EMS 105 - FIRST RESPONDER (3 MCC CREDITS): This course is designed to instruct those interested in entering a profession in emergency services in the proper identification and treatment of emergency trauma and illness, with the primary aim of stabilizing victims and providing life support until emergency medical personnel arrive. Instruction includes physical assessment of the patient, CPR (Cardiopulmonary Resuscitation), bleeding control, management of shock, fracture care, recognition of medical illness, childbirth, and emergency movement of patients from hazardous situation. Lecture and practical lab experience are incorporated in the class.

FRS 101 - INTRO TO FIRE SCIENCE (3 MCC CREDITS): This course will introduce the student to the field of fire protection, the history of the fire service, and the roles and responsibilities of the fire service in the community, including departmental functions and characteristics. Emphasis will be given to terms, theories, practices, equipment, and hazardous materials.

IND 150 FIELD EXPERIENCE (2 MCC CREDITS): Students will complete a two week, hands-on experience focused on the concepts learned in class.

NOTE: Students must provide their own transportation to MCC for this course. No student will be allowed to drop this course once he/she is accepted. Students are responsible for their High School Plus Registration Form fee as well as

# COUNTY COOPERATIVE

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purchasing their own text books.

NOTE: Please be aware that this course follows the MCC academic calendar. Students should plan to begin classes prior to the start of the WHS and WNHS semester.

**9010 INTERNET GAMING CERTIFICATE (4)**  
(OFFERED AT MCHENRY COUNTY COLLEGE)  
NOT OFFERED IN 2010-2011  
YEAR COURSE  
(MCC COURSE NUMBER - SEE BELOW)  
20 SEM HOURS  
13 CREDITS AT MCC  
OPEN TO: 11,12

*PRE-REQUISITE: Students must have a 2.0 cumulative GPA or above and excellent attendance record as well as completion of High School Plus application at time of registration. Application to the Internet Gaming Certificate Program must be submitted and approved by the Career Facilitator and Assistant Principal prior to enrollment.*

## *Fall Courses*

CIS 110 - COMPUTER LITERACY (2 MCC CREDITS): This course offers an overview of the use of computers. Topics to be covered include word processing, spreadsheets, database management, presentation software, Internet, and Windows.

CIS 145 - INTRO TO THE INTERNET (2 MCC CREDITS): Different sites on the internet are explored while discussing the different technologies that are used. Students will make their own web pages using Front Page and will learn to publish on the web.

CIS 117 - INTRO TO PROGRAMMING (3 MCC CREDITS): A study of basic logic for programming; looping, conditional control, and how to plan a program, will be studied. Students will create flowcharts using Visio and will write programs in Microsoft Visual Studio using the C++ language.

## *Spring Courses*

DGM 100 - INTRO TO ANIMATION (3 MCC CREDITS): This course focuses on 2D animation using Macromedia Flash. The animations are created at home on the Internet or can be published to play directly on a PC or Macintosh. Students will learn the basics of Animation, importing files, and drawing vector graphics.

DGM 230 - INTERNET GAME PROGRAMMING (3 MCC CREDITS): In this course the student will take their knowledge of animation and programming skills and bring them together. Students will work with Macromedia Flash but this time with the Action Script programming language.

Students will learn to create a simple, single person, online game at the end of this course.

NOTE: Please be aware that this course follows the MCC academic calendar. Students should plan to begin classes prior to the start of the WHS and WNHS semester.

NOTE: Students must provide their own transportation to MCC for this course. No student will be allowed to drop this course once he/she is accepted. Students are responsible for their High School Plus Registration Form fee as well as purchasing their own text books.

Students taking the entire sequence will earn 13 hours of MCC credit and an Internet Gaming Certificate.

**5051 STRENGTH & CONDITIONING PRINCIPLES (5)**  
(OFFERED AT WHS)  
SEMESTER COURSE  
(HHP 176 – MCHENRY COUNTY COLLEGE)  
5 SEM HOURS  
2 CREDITS AT MCC  
OPEN TO: 11,12

This course provides an opportunity to further develop individual skills in strength and conditioning; it is a dual-credit course with McHenry County College but will be taught at WHS. The study in this course involves basic theory and application of resistance principles. Conditioning programs will be developed to improve human and athletic performance. Emphasis will focus on plyometrics, speed development, Olympic lifts and designing sport specific training programs. Athletic exemptions will not be allowed from this course. The C-/Pass Grade option is not available.

NOTE: Students are responsible for their High School Plus Registration form and fees as well as the cost of the text. Estimated cost for the course: McHenry County College tuition costs per credit hour plus McHenry County College course fees. No student will be allowed to drop this course once he/she is accepted into the program.

# INDEX

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## A

A- Pass Grade Option.....7  
Academy of C.H.A.N.G.E.S.....120  
ACCOUNTING I.....43  
ACCOUNTING II.....43  
ADULT LIVING.....49  
Advanced Placement Information.....4  
ALGEBRA I.....73  
ALGEBRA II.....74  
ALGEBRA II H.....74  
Alternate Learning Program (ALP).....98  
    Additional ALP Courses.....101  
    ALP English Courses.....98  
    ALP Mathematics Courses.....99  
AMERICAN LITERATURE SURVEY.....64  
AMERICAN LITERATURE SURVEY H.....64  
AMERICAN NOVEL.....64  
AMERICAN STUDIES.....64, 95  
AP ART HISTORY.....36  
AP BIOLOGY.....91  
AP CALCULUS AB.....75  
AP CALCULUS BC.....76  
AP CHEMISTRY.....91  
AP CHINESE LANGUAGE.....115  
AP Diploma.....9  
AP ENGLISH LANGUAGE AND COMPOSITION.....64  
AP ENGLISH LITERATURE AND COMPOSITION.....65  
AP ENVIRONMENTAL SCIENCE.....92  
AP EUROPEAN HISTORY.....94  
AP FRENCH LANGUAGE.....116  
AP GERMAN LANGUAGE.....117  
AP MUSIC THEORY.....80  
AP PHYSICS C: MECHANICS.....92  
AP PSYCHOLOGY.....96  
AP SPANISH LANGUAGE.....119  
AP STATISTICS.....75  
AP STUDIO ART.....36  
AP US HISTORY.....95  
AQUA FIT.....84  
Art.....32  
    Commercial Art and Design Strand.....37  
        *ART AND DESIGN CONCEPTS*.....37  
        *COMPUTER GRAPHICS AND DESIGN*.....37  
        *MULTIMEDIA DESIGN CAPSTONE*.....38  
        *PHOTOGRAPHY*.....37  
    Graphic Arts Strand.....38, 39  
        *COMPUTER GRAPHICS AND DESIGN*.....39  
        *DESKTOP PUBLISHING*.....39  
        *GRAPHIC OCCUPATIONS*.....39  
        *GRAPHIC OCCUPATIONS CAPSTONE*.....39  
        *GRAPHICS*.....38  
    Visual Arts Strand.....33  
        *2D STUDIO - DRAWING AND PAINTING*.....35  
        *3D ART STUDIO*.....35  
        *AP ART HISTORY*.....36  
        *AP STUDIO ART*.....36  
        *ART AND DESIGN CONCEPTS*.....34  
        *CERAMICS AND SCULPTURE*.....34  
        *DRAWING AND PRINTMAKING*.....34  
        *GLASS, METAL, AND JEWELRY ARTS*.....34  
        *MULTIMEDIA DESIGN CAPSTONE*.....35  
        *PAINTING*.....34  
        *PHOTOGRAPHY*.....35

ART AND DESIGN CONCEPTS.....34  
ASTRONOMY.....90  
Auditing Courses.....6  
Audition Methods.....81  
Audition Procedures.....81  
Automotive Technology.....53  
AUTOMOTIVE THEORY.....53  
AUTO SERVICE OCCUPATIONS I.....53  
AUTO SERVICE OCCUPATIONS II.....53

## B

BASIC NURSE ASSISTANT.....121  
BEGINNING ELL.....69  
BEGINNING ELL READING.....70  
Bilingual Education.....40  
    BILINGUAL ALGEBRA I.....41  
    BILINGUAL BIOLOGY.....41  
    BILINGUAL CONSTITUTION.....41  
    BILINGUAL GEOGRAPHY.....42  
    BILINGUAL GEOSCIENCE.....41  
    BILINGUAL HEALTH.....41  
    BILINGUAL LITERACY.....41  
    BILINGUAL MODIFIED ALGEBRA I.....41  
    BILINGUAL PRE-ALGEBRA.....40  
    BILINGUAL TRANSITIONAL MATH.....40  
    BILINGUAL US HISTORY.....42  
    BILINGUAL WORLD HISTORY.....42  
BIOLOGY.....89  
BIOLOGY H.....89  
BRIDGING ELL.....70  
BRITISH LITERATURE.....65  
BROADCAST JOURNALISM.....65  
Business.....43  
BUSINESS COMPUTER APPLICATIONS I.....45  
BUSINESS COMPUTER APPLICATIONS II.....45  
BUSINESS LAW.....47

## C

C-/Pass Grade Option.....8  
CABINETMAKING & DESIGN.....59  
Capstone Courses.....9  
Career and Technology.....43  
    Automotive Technology.....53  
        *AUTO SERVICE OCCUPATIONS I*.....53  
        *AUTO SERVICE OCCUPATIONS II*.....53  
        *AUTO THEORY, MAINTENANCE, REPAIR*.....53  
    Building Trades.....54  
        *CONSTRUCTION AND BUILDING TRADES*.....54  
        *INTRODUCTION TO BUILDING TRADES*.....54  
    Business.....43  
        *Accounting*.....43  
        *ACCOUNTING I*.....43  
        *ACCOUNTING II*.....43  
        *Business Orientation*.....43  
        *FORMATTING*.....44  
        *INTRO TO BUSINESS: OPERATIONS & FINANCE*.....44  
        *INTRO TO BUSINESS: THE GLOBAL ECONOMY*.....43  
        *Consumer Education*.....44  
    Drafting/Architecture.....55  
        *DRAFTING*.....55  
        *PLTW-CIVIL ENGINEERING AND ARCHITECTURE*.....55

Engineering "Project Lead The Way".....56  
*PLTW-CIVIL ENGINEERING & ARCHITECTURE*.....56  
*PLTW-COMPUTER INTEGRATED MANUFACTURING*.....57  
*PLTW-DIGITAL ELECTRONICS*.....56  
*PLTW-INTRODUCTION TO ENGINEERING DESIGN*.....56  
*PLTW-PRINCIPLES OF ENGINEERING*.....56

Family and Consumer Sciences.....48  
*ADULT LIVING*.....49  
*Child Care*.....49  
*CHILD AND DAY CARE OCCUPATIONS*.....50  
*CHILD DEVELOPMENT*.....49  
*SEMINAR IN CHILD CARE*.....50  
*FASHION OPPORTUNITIES I & II*.....49  
*Food Service*.....50  
*CULINARY SKILLS I & II*.....51, 122  
*FOODS AND NUTRITION I*.....50  
*FOODS AND NUTRITION II*.....51, 122  
*LIVING ENVIRONMENTS/INTERIOR DESIGN*.....48  
*Orientation to Family and Consumer Sciences*  
*FASHION AND INTERIOR DESIGN*.....48  
*PERSONAL DEVELOPMENT AND FOODS AND NUTRI-  
TION*.....48

Industrial Technology.....52  
*Orientation to Industrial Technology*  
*COMMUNICATION AND ENERGY*.....52  
*TRANSPORTATION AND PRODUCTION*.....52

Information Processing.....45  
*BUSINESS COMPUTER APPLICATIONS I*.....45  
*BUSINESS COMPUTER APPLICATIONS II*.....45  
*FORMATTING*.....45

Internship/Work Experience.....46  
*INTERRELATED OCCUPATIONS*.....46  
*STUDENT INTERNSHIP PROGRAM*.....46

Manufacturing.....57  
*MANUFACTURING OCCUPATIONS I*.....58  
*MANUFACTURING OCCUPATIONS II*.....58  
*METALS*.....58

Marketing/Law.....47  
*BUSINESS LAW*.....47  
*MARKETING*.....47  
*RETAIL MARKETING*.....47

Materials and Processes.....59  
*CABINETMAKING & DESIGN*.....59  
*MATERIALS AND PROCESSES*.....59  
*WOODS*.....59

Career Cluster Plans of Study.....14  
Agriculture, Food, and Natural Resources.....15  
Architecture & Construction.....16  
Arts, A/V Technology, & Communication.....17  
Business, Management, & Administration.....18  
Education & Training.....19  
Finance.....20  
Government & Public Administration.....21  
Health Science.....22  
Hospitality & Tourism.....23  
Human Services.....24  
Information Technology.....25  
Law, Public Safety, Corrections, & Security.....26  
Manufacturing.....27  
Marketing, Sales, and Service.....28  
Plan of Study Worksheet.....31  
Science, Technology, Engineering, & Mathematics.....29  
Transportation, Distribution, & Logistics.....30

CAREER WRITING.....65  
CERAMICS AND SCULPTURE.....34  
CHEMISTRY.....89  
CHEMISTRY H.....90  
CHILD AND DAY CARE OCCUPATIONS.....50

CHILD DEVELOPMENT.....49  
CHINESE I.....114  
CHINESE II.....114  
CHINESE III H.....115  
PLTW-CIVIL ENGINEERING AND ARCHITECTURE.....55, 56  
Class Rank.....8  
Clay Academy.....105  
COLLEGE-BOUND COMPOSITION.....65  
College Courses.....6  
Commercial Art and Design Strand.....37  
PLTW-COMPUTER INTEGRATED MANUFACTURING.....57  
COMPUTER GRAPHICS AND DESIGN.....37, 39  
CONCERT BAND.....79  
CONSTRUCTION AND BUILDING TRADES.....54  
CONSUMER EDUCATION.....44  
CONTEMPORARY LITERATURE.....66  
County Cooperative.....121  
BASIC NURSE ASSISTANT.....121  
CRIMINAL JUSTICE.....121  
CULINARY SKILLS I AND II.....122  
FIRE SCIENCE.....122  
INTERNET GAMING CERTIFICATE.....123  
STRENGTH & CONDITIONING PRINCIPLES.....123  
CREATIVE WRITING.....66  
Credit Hours.....2  
CRIMINAL JUSTICE.....121  
Cross Categorical Program (CC).....102  
CC English Courses.....102  
CC Mathematics Courses.....103  
CULINARY SKILLS I.....51, 122  
CULINARY SKILLS II.....51, 122  
Cum Laude Graduate.....9

## D

DANCE I.....84  
DANCE II.....84  
DESKTOP PUBLISHING.....39  
DEVELOPING ELL.....70  
DEVELOPING ELL READING.....70  
PLTW-DIGITAL ELECTRONICS.....56  
DRAFTING.....55  
DRAWING AND PRINTMAKING.....34  
DRIVER EDUCATION.....83  
BEHIND-THE-WHEEL.....84

## E

ECONOMICS.....95  
Eligibility.....7  
ELL CONSUMER EDUCATION.....71  
ELL GEOGRAPHY.....71  
ELL TUTORIAL.....70  
ELL US HISTORY.....71  
ELL WORLD HISTORY.....71  
Engineering.....56  
English.....60  
AMERICAN LITERATURE SURVEY.....64  
AMERICAN LITERATURE SURVEY H.....64  
AMERICAN NOVEL.....64  
AMERICAN STUDIES.....64

AP ENGLISH LANGUAGE AND COMPOSITION.....64  
 AP ENGLISH LITERATURE AND COMPOSITION.....65  
 BRITISH LITERATURE.....65  
 BROADCAST JOURNALISM.....65  
 CAREER WRITING.....65  
 COLLEGE-BOUND COMPOSITION.....65  
 CONTEMPORARY LITERATURE.....66  
 CREATIVE WRITING.....66  
 FANTASY LITERATURE.....66  
 FRESHMAN ENGLISH.....62  
 FRESHMAN ENGLISH H.....62  
 FRESHMAN ENGLISH H: SPEECH/POETRY H.....62  
 GRAMMAR/COMPOSITION H.....63  
 JOURNALISM I.....66  
 JOURNALISM II.....66  
 LITERACY PREPARATION.....62  
 MODERN NOVELS I.....67  
 MODERN NOVELS II.....67  
 MYSTERY STORIES.....67  
 MYTHOLOGY.....67  
 RECENT LITERATURE.....67  
 SCIENCE FICTION.....67  
 SOPHOMORE COMPOSITION.....63  
 SOPHOMORE ENGLISH.....63  
 SOPHOMORE LITERATURE.....63  
 SOPHOMORE LITERATURE/COMPOSITION H.....63  
 SPEECH.....68  
 SPEECH/POETRY H.....62  
 THEATER ARTS I.....68  
 THEATER ARTS II.....68  
 WORLD STUDIES.....68  
 English Language Learners (ELL).....69  
 BEGINNING ELL.....69  
 BEGINNING ELL READING.....70  
 BRIDGING ELL.....70  
 DEVELOPING ELL.....70  
 DEVELOPING ELL READING.....70  
 ELL CONSUMER EDUCATION.....71  
 ELL GEOGRAPHY.....71  
 ELL TUTORIAL.....70  
 ELL US HISTORY.....71  
 ELL WORLD HISTORY.....71  
 ENTERING ELL.....69  
 ENTERING ELL READING.....69  
 EXPANDING ELL.....70  
 ENTERING ELL.....69  
 ENTERING ELL READING.....69  
 ENVIRONMENTAL SCIENCE.....90  
 Exchange Program.....6  
 EXPANDING ELL.....70

## F

FALL PHYSICAL EDUCATION.....85  
 FANTASY LITERATURE.....66  
 FASHION OPPORTUNITIES I.....49  
 FASHION OPPORTUNITIES II.....49  
 FINITE MATHEMATICS.....74  
 FIRE SCIENCE.....122  
 FOODS AND NUTRITION I.....50  
 FOODS AND NUTRITION II.....51  
 FORENSIC SCIENCE.....91  
 FORMATTING.....44, 45  
 FOUNDATIONS OF ALGEBRA.....73  
 FOUNDATIONS OF FALL PE.....83  
 FOUNDATIONS OF SPRING PE.....83

FRENCH I.....115  
 FRENCH II.....115  
 FRENCH III H.....116  
 FRESHMAN ENGLISH.....62  
 FRESHMAN ENGLISH H.....62  
 FRESHMAN ENGLISH H: SPEECH/POETRY H.....62  
 Functional Living Skills Program.....106  
 FUNDAMENTALS OF ALGEBRA AND GEOMETRY.....73

## G

GEOGRAPHY.....94  
 GEOLOGY.....91  
 GEOMETRY.....74  
 GEOSCIENCE.....89  
 GERMAN FOR COMMUNICATION.....117  
 GERMAN I.....116  
 GERMAN II.....117  
 GERMAN III H.....117  
 GLASS, METAL, AND JEWELRY ARTS.....34  
 Grade Classification.....8  
 Grade Criteria.....8  
 Grade Point Scales.....7  
 Grade Reporting Information.....7  
 Graduation Information.....3  
 Graduation Requirements.....2  
 Graduation with Honors.....11  
 GRAMMAR/COMPOSITION H.....63  
 GRAPHIC OCCUPATIONS.....39  
 GRAPHIC OCCUPATIONS CAPSTONE.....39  
 GRAPHICS.....38  
 GUITAR I.....81  
 GUITAR II.....81

## H

HEALTH.....83  
 Honor Roll.....8  
 HUMAN ANATOMY & PHYSIOLOGY.....91

## I

Industrial Technology.....52  
     Orientation to Industrial Technology  
         COMMUNICATION AND ENERGY.....52  
         TRANSPORTATION AND PRODUCTION.....52  
 Information Processing.....45  
 Instrumental Music.....79  
 INTEGRATED GEOMETRY H.....74  
 INTERNET GAMING CERTIFICATE.....123  
 INTERNSHIP PROGRAM.....46  
 INTERRELATED OCCUPATIONS.....46  
 INTRO COLLEGE STATISTICS & CALCULUS.....75  
 INTRODUCTION TO BUILDING TRADES.....54  
 INTRODUCTION TO BUSINESS: OPERATIONS & FINANCE.....44  
 INTRODUCTION TO BUSINESS: THE GLOBAL ECONOMY.....43  
 PLTW-INTRODUCTION TO ENGINEERING DESIGN.....56

# J

JAVA.....76  
JAZZ CHOIR.....78  
JAZZ ENSEMBLE.....80  
JAZZ LAB.....80  
JOURNALISM I.....66  
JOURNALISM II.....66

# L

Life Connections.....112  
LIFETIME FITNESS.....85  
LITERACY PREPARATION.....62  
LIVING ENVIRONMENTS/INTERIOR DESIGN.....48

# M

MADRIGAL SINGERS.....78  
MANUFACTURING OCCUPATIONS I.....58  
MANUFACTURING OCCUPATIONS II.....58  
MARKETING.....47  
Marketing/Law.....47  
MATERIALS AND PROCESSES.....59  
Mathematics.....72  
ALGEBRA I.....73  
ALGEBRA II.....74  
ALGEBRA II H.....74  
AP CALCULUS AB.....75  
AP CALCULUS BC.....76  
AP STATISTICS.....75  
Computer Programming  
JAVA.....76  
VISUAL BASIC.....76  
FINITE MATHEMATICS.....74  
FOUNDATIONS OF ALGEBRA.....73  
FUNDAMENTALS OF ALGEBRA AND GEOMETRY.....73  
GEOMETRY.....74  
INTEGRATED GEOMETRY H.....74  
INTRODUCTORY COLLEGE STATISTICS & CALCULUS.....75  
PRE-CALCULUS & TRIGONOMETRY.....75  
PRE-CALCULUS & TRIGONOMETRY H.....75  
MEN'S CHORUS.....77  
METALS.....58  
MIXED CONCERT CHOIR.....78  
MODERN NOVELS I.....67  
MODERN NOVELS II.....67  
MULTIMEDIA DESIGN CAPSTONE.....35, 38  
Music.....77  
Audition Methods.....81  
Audition Procedures.....81  
General Music.....80  
AP MUSIC THEORY.....80  
GUITAR I.....81  
GUITAR II.....81  
MUSIC APPRECIATION.....80  
Instrumental Music.....79  
CONCERT BAND.....79  
JAZZ ENSEMBLE.....80  
JAZZ LAB.....80  
PERCUSSION ENSEMBLE.....80  
SYMPHONIC BAND.....79  
VARSITY BAND.....79

Vocal Music.....77  
JAZZ CHOIR.....78  
MADRIGAL SINGERS.....78  
MEN'S CHORUS.....77  
MIXED CONCERT CHOIR.....78  
TREBLE CONCERT CHOIR.....77  
VARSITY CHOIR.....78  
WOMEN'S CHORUS.....77  
MUSIC APPRECIATION.....80  
MYSTERY STORIES.....67  
MYTHOLOGY.....67

# N

National Honor Society.....11  
NCAA Core Course Requirements.....3

# O

ORIENTATION TO FAMILY & CONSUMER SCIENCES.....48  
FASHION AND INTERIOR DESIGN.....48  
PERSONAL DEVELOPMENT AND FOODS AND NUTRITION.....48  
ORIENTATION TO INDUSTRIAL TECHNOLOGY.....52  
COMMUNICATION AND ENERGY.....52  
TRANSPORTATION AND PRODUCTION.....52

# P

PAINTING.....34  
Pass/Fail Options.....8  
PE PARTNERS.....85  
PERCUSSION ENSEMBLE.....80  
PERSONAL FITNESS.....84  
PHOTOGRAPHY.....35, 37  
Physical Education.....82  
AQUA FIT.....84  
C-/Pass Grade Option.....87  
DANCE I.....84  
DANCE II.....84  
DRIVER EDUCATION.....83  
BEHIND-THE-WHEEL.....84  
FALL PHYSICAL EDUCATION.....85  
FOUNDATIONS OF FALL PE.....83  
FOUNDATIONS OF SPRING PE.....83  
HEALTH.....83  
LIFETIME FITNESS.....85  
PE PARTNERS.....85  
PERSONAL FITNESS.....84  
PHYSICAL ED LEADERSHIP I.....85  
PHYSICAL ED LEADERSHIP II.....85  
PHYSICAL EDUCATION/LIFEGUARD TRAINING.....86  
SPRING PHYSICAL ED.....85  
STRENGTH & CONDITIONING.....86  
STRENGTH & CONDITIONING PRINCIPLES.....86, 123  
WALKING FOR FITNESS.....86  
PHYSICAL EDUCATION/LIFEGUARD TRAINING.....86  
PHYSICS.....90  
PHYSICS H.....90  
PLTW-"Project Lead the Way".....56  
PLTW-CIVIL ENGINEERING AND ARCHITECTURE.....55, 56  
PLTW-COMPUTER INTEGRATED MANUFACTURING.....57  
PLTW-DIGITAL ELECTRONICS.....56

PLTW-INTRODUCTION TO ENGINEERING DESIGN.....56  
 PLTW-PRINCIPLES OF ENGINEERING.....56  
 POLITICAL SCIENCE.....96  
 PRE-CALCULUS & TRIGONOMETRY.....75  
 PRE-CALCULUS & TRIGONOMETRY H.....75  
 PRINCIPLES OF ENGINEERING.....56  
 PSYCHOLOGY.....96

## R

RECENT LITERATURE.....67  
 Registration Process.....1  
 RETAIL MARKETING.....47

## S

Scheduling Information.....1  
 Science.....88  
   AP BIOLOGY.....91  
   AP CHEMISTRY.....91  
   AP ENVIRONMENTAL SCIENCE.....92  
   AP PHYSICS C: MECHANICS.....92  
   ASTRONOMY.....90  
   BIOLOGY.....89  
   BIOLOGY H.....89  
   CHEMISTRY.....89  
   CHEMISTRY H.....90  
   ENVIRONMENTAL SCIENCE.....90  
   FORENSIC SCIENCE.....91  
   GEOLOGY.....91  
   GEOSCIENCE.....89  
   HUMAN ANATOMY & PHYSIOLOGY.....91  
   PHYSICS.....90  
   PHYSICS H.....90  
 SCIENCE FICTION.....67  
 SEMINAR IN CHILD CARE.....50  
 Service Credits.....10  
 SKILLS LAB.....113  
 Social Studies.....93  
   AMERICAN STUDIES.....95  
   AP EUROPEAN HISTORY.....94  
   AP PSYCHOLOGY.....96  
   AP US HISTORY.....95  
   ECONOMICS.....95  
   GEOGRAPHY.....94  
   POLITICAL SCIENCE.....96  
   PSYCHOLOGY.....96  
   SOCIOLOGY.....96  
   US HISTORY.....94  
   WORLD HISTORY.....94  
   WORLD STUDIES.....94  
 SOCIOLOGY.....96  
 SOPHOMORE COMPOSITION.....63  
 SOPHOMORE ENGLISH.....63  
 SOPHOMORE LITERATURE.....63  
 SOPHOMORE LITERATURE/COMPOSITION H.....63  
 SPANISH FOR COMMUNICATION.....118  
 SPANISH FOR SPANISH SPEAKERS I.....119  
 SPANISH FOR SPANISH SPEAKERS II.....119  
 SPANISH I.....118  
 SPANISH II.....118  
 SPANISH III H.....118  
 Special Education Programs.....98

Alternate Learning Program (ALP).....98  
   *Additional ALP Courses.....101*  
   *ALP English Courses.....98*  
   *ALP Mathematics Courses.....99*  
 Clay Academy.....105  
 Cross Categorical Program (CC).....102  
   *CC English Courses.....102*  
   *CC Mathematics Courses.....103*  
 Functional Living Skills Program.....106  
 General Program.....109  
 Life Connections.....112  
 Resource Program.....108  
 Transition Services Program.....111  
 SPEECH.....68  
 SPEECH/POETRY H.....62  
 SPRING PHYSICAL ED.....85  
 STRENGTH & CONDITIONING.....86  
 STRENGTH & CONDITIONING PRINCIPLES.....86, 123  
 Student Assistantships.....6  
 STUDENT INTERNSHIP PROGRAM.....46  
 Student Services.....113  
   SKILLS LAB.....113  
 Students With Disabilities.....6  
 Summer School.....6  
 Summer School Offerings.....13  
 SYMPHONIC BAND.....79

## T

Teacher Change Requests.....13  
 THEATER ARTS I.....68  
 THEATER ARTS II.....68  
 3D ART STUDIO.....35  
 Three Hundred Credit Club.....8  
 Transition Services Program.....111  
 TREBLE CONCERT CHOIR.....77  
 2D STUDIO - DRAWING AND PAINTING.....35

## U

US HISTORY.....94

## V

VARSITY BAND.....79  
 VARSITY CHOIR.....78  
 Visual Arts Strand.....33  
 VISUAL BASIC.....76  
 Vocal Music.....77

## W

WALKING FOR FITNESS.....86  
 WOMEN'S CHORUS.....77  
 WOODS.....59  
 WORLD HISTORY.....94  
 World Languages.....114  
   Chinese.....114  
   *AP CHINESE LANGUAGE.....115*  
   *CHINESE I.....114*

*CHINESE II.....114*  
*CHINESE III H.....115*  
 French.....115  
     *AP FRENCH LANGUAGE.....115, 116*  
     *FRENCH I.....115*  
     *FRENCH II.....115*  
     *FRENCH III H.....116*  
 German.....116  
     *AP GERMAN LANGUAGE.....117*  
     *GERMAN FOR COMMUNICATION.....117*  
     *GERMAN I.....116*  
     *GERMAN II.....117*  
     *GERMAN III H.....117*  
 Spanish.....118  
     *AP SPANISH LANGUAGE.....119*  
     *SPANISH FOR COMMUNICATION.....118*  
     *SPANISH I.....118*  
     *SPANISH II.....118*  
     *SPANISH III H.....118*  
     SPANISH FOR SPANISH SPEAKERS I.....119  
     SPANISH FOR SPANISH SPEAKERS II.....119  
 WORLD STUDIES.....68, 94