

Anthony Wayne



High School

Career Pathway

&

Curriculum Guide

2012-2013

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Career Pathways Planning & Curriculum Guide 2012-2013

ACADEMIC PLANNING

A successful high school experience depends on setting and accomplishing a series of short-term and long-term goals. Academic planning is an important task that will help students achieve their future educational and career goals.

A four-year plan and yearly revision of this plan should be established to ensure that students will complete the courses needed to implement their post-graduation plans. The guidance staff offers the following suggestions to students:

- Thoroughly read this planning guide and ask your parents to review it with you.
- Take time to understand your strengths and limitations. Discussions with teachers, parents, counselors and employers help with this process. Look at your past academic performance as well as standardized test results, to help with goal setting and the course selection process.
- Keep as many options open to you as possible. Choose courses that will help you strengthen your skills and knowledge, work on your weaknesses, and explore new interests and subject areas. Do not base your course selection on what your friends might think is best for you. Trust your own judgment.
- Course selection is a very important task! Think carefully before registering and be aware that your present decisions will affect your future plans. Choose your courses with help from parents. Be sure you meet the prerequisites for each class that you select.
- Be positive about each academic year. Many growth opportunities are presented to students. Those who are open to these opportunities will gain the most.
- Make a commitment to put forth effort to study and make good use of time. Develop a method for keeping track of assignments and projects. Plan a regular study schedule and stick to it. Students who use time effectively in and out of school will be able to gain the maximum benefit from each course and their high school experience as a whole.
- Students interested in early graduation must meet with a counselor and fulfill the specific requirements outlined in the policy.
- Students must be enrolled in a minimum of 5.50 credits per year. However, students may only have an average of one study hall per semester.

COUNSELING & GUIDANCE SERVICES

Guidance is an integral part of the total program at Anthony Wayne High School. It is hoped that along with the academic skills which will help the student function successfully in society, a student will also gain insights into values and goals, improve skills in decision making, gain a feeling of self worth and competency, and increase knowledge of the world of work. The guidance department hopes to fulfill these goals for all students through personal counseling with individual students, through group guidance sessions, through career information activities, and by instilling an attitude of respect for human dignity among the school community.

The Anthony Wayne High School counseling staff offers the following services through individual and group counseling, classroom presentations, and community referrals:

- Orientation for new students and parents
- Individual and group counseling on personal and social concerns
- Referral service to local counseling services
- Career and life planning
- Academic planning and vocational planning
- Post-high school educational planning
- College planning including: college applications, transcripts, financial aid and scholarships
- Information about personal, leadership, academic and career development opportunities
- Job search assistance
- Academic support including study skills, test-preparation, etc.

COUNTDOWN TO GRADUATION

FRESHMAN YEAR

- Narrow down your career plans and take a challenging academic program.
- Use OCIS to assist you with your career/college plans.
- Complete at least 5.25 credits during your freshman year.
- Get involved in athletics and/or activities.
- Get involved in volunteer work and community activities.
- Explore opportunities at Penta Career Center.
- Apply to Penta Career Center Sophomore Exploratory Program if it matches your career pathway.
- Meet with counselor during registration to discuss future plans and course selection for next year.

SOPHOMORE YEAR

- Visit Penta Career Center.
- Use OCIS to assist you with your career/college plans.
- Apply to Penta Career Center if it matches your career college plans.
- Take PLAN (practice ACT) given on Saturday morning in fall.
- The PSAT test will be given during this year. (recommended practice test for students above a 3.5 GPA)
- Review PSAT/PLAN scores in December.
- Pass Ohio Graduation Tests (OGT) in March
- Complete another 5.25 credits totaling 10.5 credits by the end of your sophomore year.
- Explore PSO and submit PSO application in spring if applicable.
- Complete make-up and failed coursework during summer.
- Meet with counselor during registration to discuss future plans and course selection for next year.

JUNIOR YEAR

- Check your transcript for graduation requirements.
- Keep in mind that colleges, military recruiters and scholarship sponsors are looking for challenging coursework, a high GPA, involvement in extracurricular activities such as sports and clubs, leadership experience, volunteer work, and church or community service.
- PSAT may be taken in October (recommended for students above a 3.5 GPA) to qualify students for National Merit Scholarships.
- Check out college search website, college reference books, and resources available in the guidance office.
- Review your PSAT scores in December.
- The GPA earned by the end of the junior year will be used by colleges for admissions and scholarships.
- Continue to use OCIS.
- Explore PSO if applicable.
- Submit PSO applications in the spring if applicable.
- Take ACT/SAT test in the spring.
- Visit colleges and universities to assist you in narrowing your selection for next year.
- Attend College Fair at Owens Community College.
- Complete make-up and failed coursework during summer.
- Pass Ohio Graduation Tests (OGT), if necessary.
- Meet with counselor during registration to discuss college/career plans and course selection for next year.
- Register for a strong and realistic senior schedule.
- Attend College Planning Meeting in May with parents.

SENIOR YEAR

First Semester

- Obtain a green Transcript Request form from the guidance office and request transcripts two weeks before needed. See counselor for details.
- Retake the ACT in the fall if you are college bound.
- Complete and turn in to guidance office your senior information sheet and award application.
- Order your Cap and Gown.
- **Finalize and submit applications to colleges before Thanksgiving.**
- Register with NCAA in fall if you plan to participate in college athletic programs. (www.ncaaclearinghouse.net)
- Get letter of recommendations from teachers for college applications and scholarships.
- Begin searching for scholarships on the Internet, using the handouts from senior college information meeting and utilize OCIS. Check scholarship wall in the Guidance Office at least bi-weekly.
- Pass Ohio Graduation Tests (OGT), if necessary.
- Stay informed about all graduation issues, listen to announcements, check the Anthony Wayne website www.anthonywayneschools.org for announcements.
- Attend Financial Aid night for parents in November.

Second Semester

- Complete and file the FAFSA in January.
- Give Guidance Counselor your mid-year report form if required by the college.
- College Goal Sunday in February for FAFSA help www.ohiocollegegoalsunday.org.
- Apply for housing early – check the refund policy.
- No senioritis – college have been known to revoke admission if grades drop.
- Males register online for Selective Service at <http://www.sss.gov> when 18 years of age.
- All accepted scholarships offers/awards will be printed in the graduation program as long as guidance has received the information by the deadline.
- NCAA final transcript send mid-June.

End of the year activities

- Turn in the Senior Final Transcript and Award Notification form.
- Take care of any fees or obligations with the cashier in the main office.
- Attend graduation practice – **MANDATORY!**
- Notify your counselor if you do NOT plan to participate in commencement.

SCHEDULING PROCESS

1. Counselors will meet with students in groups to discuss course selection and academic planning.
2. Incoming freshmen and their parents may attend the evening information meeting.
3. Parents of upperclassman may set up individual appointments with their student's counselor.
4. Parents will sign the registration form, and students will return the form to school.
5. Counselors will meet individually with students to review graduation requirements and discuss course selection.
6. Students and parents will have the opportunity to review course selections and make changes prior to the June 15, 2012. deadline.
7. At designated times during June and August all students or parents/guardian must pick up school forms and a fee list in the High School Main Office. On Schedule Pickup Day, students will pick up their schedules after submitting all forms, paying all fees and being photographed for yearbook pictures.

SCHEDULE CHANGE POLICY

Planning a schedule for the next school year is a difficult task, and situations may occur requiring a change in that schedule. Changes have a serious effect on class size, teacher assignments, and the overall master schedule. Thus, students and parents should NOT plan a program with the idea that it can be changed. Course changes may only be made through the Guidance Office prior to June 15, 2012.

Only the following reasons will constitute a need for a schedule change after this deadline:

1. A technical error was made in the process of scheduling the student's request.
2. The requested course is not offered or in conflict.
3. The student failed a previous course.
4. The student did not meet the prerequisite for a course.
5. Senior English Course load is unbalanced.

If one of the previous conditions is met and a schedule change is warranted, changes will be made only when a parent has contacted the appropriate counselor concerning the change. If this change is made after 5 school days of a semester it will result in a withdraw failure. Changes will be made only if the master schedule can accommodate the request. No schedules will be changed if the result is the student having more than one study hall per semester. Changes are ultimately at the discretion of the principal, working with the guidance counselor.

SEMESTER CREDIT

Courses at Anthony Wayne High School are taught on a semester basis. A Student must earn a "D" or better for the semester to earn credit. If a student passes one semester of a year course and fails the other; he/she will receive credit for the semester he/she passes.

GRADING SCALE

92% - 100%	A - 4.00
82% - 91%	B - 3.00
72% - 81%	C - 2.00
62% - 71%	D - 1.00
0 - 61%	F - 0.00

Honors / AP Courses

A - 5.00
B - 4.00
C - 3.00

Students must maintain at least a "B" each semester to remain in an Honors/AP course. They also must maintain a "B" each semester to move to the next level Honors/AP class.

The teacher will contact the parent/guardian if a student's grade drops below a "B" in a Honors/AP course.

If extenuating circumstances such as, but not limited to prolonged illness, family emergency, etc. exist, the teacher, guidance counselor, and building principal may meet with the student and a parent and allow him/her to remain in the Honors/AP class on a probationary basis.

Grade point average and class rank are computed at the end of each semester for grades 9 - 12.

REPEATING COURSES

Required course that are failed should be repeated during the summer when possible. Failure to make up a course in the summer may ultimately delay graduation. Students must consult with their counselor to develop a credit recovery plan.

A student who retakes a course that he/she has failed or received a grade that does not allow him/her to advance to the next level has the option of filing a petition to remove the failing, or lower of the two grades, from his/her transcript.

The following guidelines apply:

- The course must be retaken within 1 calendar year.
- The application must be on file during the semester following the completion of the course.
- Any course that is taken through PSO Option B may not be removed from a transcript.
- A course that is failed due to disciplinary action (expulsion, suspension, or non-credit) may not be removed from a transcript except at the discretion of the high school principal.
- No more than 2 courses may be removed during a student's high school career.
- Once a course is removed, it may not be returned to the transcript.
- If a student does not file a petition, both courses will calculate into a student's GPA and fractional credit will be awarded for each course.

GRADUATION REQUIREMENTS

TO RECEIVE AN ANTHONY WAYNE HIGH SCHOOL DIPLOMA A STUDENT MUST EARN 21 CREDITS

English	4 credits
Math	3 credits (4 credits for class of 2014 and beyond)
Science	3 credits
Social Studies	3 credits
Health	1/2 credit
P.E.	1/2 credit
Fine Art	1 credit
Practical Art	1 credit
Computer Science	1/2 credits
Electives	4 1/2 credits (3 1/2 credits for class of 2014 and beyond)

Class of 2014 and beyond must have a course with a financial literacy component. Those courses are noted in Curriculum Guide.

OHIO GRADUATION TESTS

Currently students must pass all five parts of the Ohio Graduation Test (OGT) in order to receive high school diplomas. Ohio Graduation Tests (OGT) are aligned to Ohio's academic content standards, which were adopted by the State Board of Education in English language arts, mathematics, science and social studies. These standards have been carefully designed to ensure that students are armed with the knowledge they need to be successful in their educational pursuits as well as the jobs and careers of the future.

The state legislature has directed the State Board of Education to develop a new College and work ready assessment system. This system is still under development and Ohio Revised Code states the Ohio Graduation Test (OGT) will continue to be used until the new assessment system is implemented.

GRADUATION PARTICIPATION REQUIREMENTS

Commencement exercises will include only those students who have successfully completed requirements for graduation as certified by the high school principal. No student who has completed the requirements for graduation shall be denied a diploma as a disciplinary measure. A student may be denied participation in the ceremony of graduation when personal conduct (including failure to attend mandated graduation practices or dress in an appropriate fashion) so warrants. – Board Policy 5460

Graduation requirements include passing all sections of the Ohio Graduation Test or meeting the alternative conditions per Ohio Revised Code Section 3313.615

EARLY GRADUATION

The Board of Education acknowledges that some students seek to pursue educational goals that include graduation from high school at an earlier date than their designated class.

A student who completes the requirements for early high school graduation may participate in the graduation ceremonies with his/her designated class or the class graduating in the year in which s/he completes the District's requirement for high school graduation.

Early High School Graduation – General

Application for early high school graduation must be submitted to the high school principal.

The principal may honor this request if all conditions for high school graduation are met and the student fulfills the high school graduation requirements.

Early High School Graduation – Advanced Learners

Any student residing in the District may be referred for early high school graduation by a staff member or parent/guardian to the principal of his/her school. Students may refer themselves or a peer through a staff member who has knowledge of the referred child's abilities. Copies of referral forms will be available at each school buildings.

Students referred for early high school graduation will be evaluated in a prompt manner. The building principal will schedule the evaluations. Normally, changes in a student's schedule will only occur at the start of a semester.

Before a student is evaluated for early graduation, the principal (or his/her designee) must obtain written permission from the student's parent/guardian.

Evaluations related to referrals that occur during the school year will ordinarily be completed and a written report issued within forty-five (45) calendar days. Evaluations related to referrals that occur at the end of a school year or during the summer will be completed and a written report issued either before the end of the school year, if possible, or within forty-five (45) calendar days of the start of the next school year.

Upon referral, the student's principal (or his/her designee) shall convene an acceleration evaluation committee to determine the appropriateness of early high school graduation for the student. The committee shall include the following:

- A. a parent/legal guardian of the referred student
- B. a gifted education coordinator or gifted intervention specialist, or, if neither is available, a school psychologist or guidance counselor with the expertise in early high school graduation
- C. a principal or assistant principal from the student's current school
- D. a current teacher of the referred student

The acceleration evaluation committee shall be responsible for conducting a fair and thorough evaluation of the student.

Students referred for early high school graduation shall be evaluated based on past academic performance, measures of achievement based on State academic content standards, and successful completion of State mandated graduation requirements. The acceleration evaluation committee will consider the student's own thoughts on possible accelerated placement in its deliberations.

The acceleration evaluation committee shall issue a written decision on the outcome of the evaluation process to the principal and the student's parent/guardian. This notification shall include instructions for appealing the decision.

Appeals must be made to the Superintendent within thirty (30) calendar days of the parent/guardian receiving the committee's decision. The Superintendent or his/her designee shall review the appeal and notify the parent/guardian of his/her final decision within thirty (30) calendar days of receiving the appeal. The Superintendent or his/her designee's decision shall be final.

If the student is recommended for early high school graduation, the acceleration evaluation committee will develop a written acceleration plan designed to allow the student to complete high school graduation requirements on an accelerated basis. The plan may

include the provision of educational options in accordance with A.C. 3301-35-06(G), waiving District graduation requirements that exceed those by the State, and early promotion to sophomore (or higher) status to allow the student to take the Ohio Graduation Test.

A staff member will be assigned to oversee implementation of the written acceleration plan to monitor the adjustment of the student to the accelerated setting.

R.C. 3324.10

Adopted 8/16/06 Revised 6/18/07

If a student has been granted permission for early graduation and has completed all graduation requirements by the end of the second semester of the junior year he or she will be considered a junior graduating early and will be permitted to participate in commencement and receive a diploma. However, he or she will not be permitted to participate in the senior privileges. Students completing graduation requirements after completion of their junior year and have been granted permission for early graduation will receive a letter of completion. A diploma will be issued when his or her class graduates.

Students who have been granted early graduation permission may not participate in school activities requiring school attendance after the completion of their high school requirements. One example of this would be athletic participation.

If a student graduating early wishes to participate in commencement with his/her class, he or she must assume the responsibility for obtaining information relative to ordering a cap and gown, cards and announcements, attendance at commencement rehearsal, etc.

COMPARISON OF DIPLOMAS WITH HONORS CRITERIA
 Students need to fulfill all but one criterion for any of the following Diplomas with Honors

Subject	High School Academic Diploma With Honors	Career-Technical Diploma With Honors
English	4 units	4 units
Mathematics	4 units, including Algebra, Geometry, Algebra II or equivalent and another higher level course or four-year sequence a of that contain equivalent content courses	4 units, including Algebra I, Geometry, Algebra II or equivalent and another higher level course or a four-year sequence of courses that contain equivalent content
Science	4 units, including physics and chemistry	4 units, including physics and chemistry
Social Studies	4 units	4 units
Foreign Language	3 units, including at least 2 units in each language studied	Not counted towards requirements
Fine Arts	1 unit	Not counted in Electives
Career-Technical	Not counted toward requirements, and may not be used to meet requirements	Now counted in Electives
Electives	not counted toward requirement	4 units of Career-Technical minimum. Program must lead to an industry recognized credential, apprenticeship, or be part of an articulated career pathway which can lead to post secondary credit
Grade Point Average	3.5 on 4.0 scale	3.5 on 4.0 scale
ACT/SAT Score (excluding scores from the writing section)*	27 ACT / 1210 SAT	27 ACT / 1210 SAT
Additional Assessment	Not applicable	Achieve proficiency benchmark established for appropriate Ohio Career-Technical Competency Assessment or equivalent

*Writing sections of either standardized test should not be included in the calculation of this score.

Diploma with Honors requirements pre-suppose completion of all high school diploma requirements in Ohio Revised Code including:
 1/2 unit physical education
 1/2 unit health
 1/2 unit in American history

MINIMUM CORE RECOMMENDATION FOR COLLEGE PREPARATION IN OHIO

English	4 credits
Math	3 credits
Science	3 credits
Social Studies	3 credits
Foreign Language	2 – 3 credits
Fine Art	1 credit

SENIOR AMENDED DAY OPTION

The Senior Amended Day Option provides eligible seniors an opportunity to arrive at school late or leave school early. To be eligible for consideration for an early release or late arrival, a student must:

- Submit a completed application during the scheduling process
- Have a cumulative GPA of 3.25 or higher
- Have passed all five parts of the OGT
- Have a total of 18 or more credits by the end of Junior Year
- Plan to enroll in a minimum of 6 credits

Amended Day preferences are not guaranteed.

POST-SECONDARY ENROLLMENT OPTION PROGRAM

The Post-Secondary Enrollment Option Program (PSEOP) provides eligible students in grades 9-12 with an opportunity to take classes at participating colleges and universities.

The purpose of the program is to promote rigorous academic pursuits and to provide other opportunities to high school students. Admissions requirements vary with the institution, and the post-secondary institution must accept students in order to participate.

This program is available only during the regular academic year and the combined credits earned for the year cannot exceed the number of Carnegie Units a student at Anthony Wayne High School could earn which are 8.

College courses for which four or five semester hours of credit are earned shall be awarded one Carnegie unit. Fractional Carnegie units will be awarded credit as the following: 4 or 5 semester hours course will equal 1.0 credit; 3 semester hours course will equal .5 credit; 1 or 2 semester hours course will equal .25 credit.

Students who are enrolled in both Post-Secondary Option classes and Anthony Wayne High School classes must be in a minimum of 5.50 credits for the year.

Students who are full time Post-Secondary Option students must meet the full time requirements of the Post-Secondary Institution.

In both situations the student must meet the Anthony Wayne Board of Education graduation requirements and the athletic eligibility standards of the O.H.S.A.A. and the Anthony Wayne Board of Education.

CREDIT FLEXIBILITY

Credit Flexibility is a state mandated initiative. It is designed to broaden the scope of curricular option available to students, increase the depth of study available for a particular subject and tailor the learning time or conditions needed. In these ways, students can customize aspects of their learning around more of their interests and needs. Credit flexibility options are designed for those students who demonstrate the ability, interest, and maturity to accept personal responsibility for their learning in a selected curricular area and have the opportunity to pursue it outside of Anthony Wayne High School. Students must contact their guidance counselor for program requirements.

HIGH SCHOOL AND COLLEGE ATHLETIC ELIGIBILITY

HIGH SCHOOL

In all matters of eligibility, Anthony Wayne will abide by the rules and regulations of the Ohio High School Scholastic Athletic Association.

Eligibility for participation in interscholastic activities for any given quarter will be based upon the student's grades for the quarter previous to the activity. In grades 9-12, a student must have passed a minimum of five (5) one credit courses or the equivalent, which count towards graduation; and all grades, when combined, equal a total GPA of at least 1.5 on a four point (4.0) scale.

****Students may not use a summer school grades or correspondence courses to improve their GPA.**

The Board further adopts those eligibility standards set by the Constitution of the Ohio High School Scholastic Athletic Association and shall review such standards annually to ascertain that they continue to be in conformity with objectives of the Board.

Student's eligibility for participation in high school athletics is limited to no more than eight consecutive semesters.

Students who transfer to Anthony Wayne may not be eligible to participate in athletics. OHSAA by-laws will govern all cases of eligibility for transfer students.

The eligibility or ineligibility of a student continues until the start of the fifth (5th) school day of the next grading period, at which time the grades from the immediately preceding grading period become effective.

For further information regarding athletic eligibility please refer to OHSAA.org.

COLLEGE NCAA ELIGIBILITY

Student athletes who wish to participate in Division I or II college athletics must apply to the NCAA Clearinghouse during the fall of their senior year. Students and parents are responsible for meeting the academic eligibility requirements and should carefully choose appropriate classes beginning the freshman year. Please make sure ACT scores are sent directly to the NCAA clearinghouse. (Code 9999)

English	4 years
Math	3 years at the level of Algebra I or above
Science	2 years including at least one laboratory course
Social Science	2 years
Additional English, Math or Science	1 year
Additional academic course (in any of the above or foreign language)	4 years

The NCAA has approved the following courses for use in establishing the initial eligibility certification status of student athletes from Anthony Wayne High School.

SOCIAL SCIENCES

Am Government
Behavioral Psychology
Contemporary Issues
Modern Global Perspectives
Sociology
Social Psychology
Government And Politics (AP) *
Comparative Gov And Politics (AP)*
Us History (AP)
Us History
Us History (Honors)
Viet Nam Era

World War II Era
Civil War *
World History
World History (Honors)

English

American Literature
American Literature (Honors)
Composition I
Composition II
Senior English (AP)
Speech
Sr Comp
Sr Lit
World Lit/Comp I
World Lit/Comp I (Honors)
World Lit/Comp II
World Lit/Comp II (Honors)

MATHEMATICS

Algebra I Applications
Algebra II Applications
Algebra II (Honors)
Calculus
Calculus (Honors)
Calculus (Ap)*
Geometry/Applications
Geometry (Honors)
Intro To College Math
Pre-Calculus (Honors)
Precalculus

ADDITIONAL CORE COURSES

French I
French II
French III
French IV (Honors)
French V (Honors)
Spanish I
Spanish II
Spanish III
Spanish IV (Honors)
Spanish V (Honors)
German I
German II
German III
German IV (Honors)
German V (Honors)

*Pending NCAA Approval

SCIENCE

Anatomy And Physiology
Anatomy And Physiology (Honors)
Biology Applications
Biology (Honors)
Botany
Chemistry I
Chemistry I (Honors) *
Chemistry II (Honors)
Chemistry (AP) *
Geology *
Environmental Science
Zoology *

Marine Mission
Physical Earth Science
Physical Earth Science (Honors)
Physics
Physics (AP)*
Earth Science
Invertebrate Zoology
Microbiology
Vertebrate Zoology

ATHLETIC ELIGIBILITY FOR POST-SECONDARY ENROLLMENT OPTIONS PROGRAM

POST-SECONDARY ELIGIBILITY

It is highly recommended that you obtain a copy of Ohio's Post-Secondary Enrollment Options Program from the State Department of Education (614-466-2211), or <http://www.ohsaa.org/eligibility/EligibilityGuide.pdf>. In addition, students electing to enroll in PSEOP must be certain that:

1. The faculty members at the post-secondary institution understand that they will need to provide grades or a progress report at the time when the high school's grading period is over.
2. The student-athlete is taking enough course work at the post-secondary institution exclusively or between the post-secondary institution and the high school combined to be equivalent to five one-credit courses. Calculating equivalency of credits in the postsecondary institution is conducted in the same manner as in the high school, based on the Carnegie unit.

College courses for which five semester hours of credit are earned shall be awarded one Carnegie unit. Fractional Carnegie units will be awarded proportionately.

Anthony Wayne High School Course Curriculum



Mission Statement: Anthony Wayne Local Schools will partner with our community to engage all students in educational opportunities empowering them to become active, responsible, and productive citizens in our global society.

All course offerings contained in this guide are subject to change because of, but not limited to, enrollment, adequate staffing, financial limitations, and room space.

ART CURRICULUM

Art I is a prerequisite for all other art classes except Art Appreciation.

All art courses have a lab fee. Some courses involve the purchase of additional materials.

Block Schedule - 2 periods per day - 1 semester

Priority will be given to seniors, then juniors, then sophomores, and then freshmen, based on the availability of equipment and instructors.

COURSES

9th Grade

31-0020 ART

10th Grade

31-0020 ART
31-0030 DRAWING
31-0040 PAINTING
31-0070 ART APPRECIATION
31-0080 COMPUTER GRAPHICS
31-0100 PHOTOGRAPHY/TECH

11th Grade

31-0020 ART
31-0030 DRAWING
31-0040 PAINTING
31-0070 ART APPRECIATION
31-0080 COMPUTER GRAPHICS
31-0100 PHOTOGRAPHY/TECH
31-0050 SCULPTURE/CERAMIC
31-0060 METALS AND FIBERS
31-0090 CYBER ARTS

12th Grade

31-0020 ART
31-0030 DRAWING
31-0040 PAINTING
31-0070 ART APPRECIATION
31-0080 COMPUTER GRAPHICS
31-0100 PHOTOGRAPHY/TECH
31-0050 SCULPTURE/CERAMIC
31-0060 METALS AND FIBERS
31-0090 CYBER ARTS

ART I - 31-0020

1 Semester

Prerequisite: None

Credit: 0.50 Fine Art

Fee: Yes

Grade: 9-12

This foundation course will explore the elements and principles of art through a variety of projects both two-dimensional and three-dimensional. Projects will be inspired by integrating art history and other subjects across the curriculum. This course is a prerequisite for all other art courses except Art Appreciation.

DRAWING - 31-0030

Block Schedule

Prerequisite: Grade of "C" or better in Art I

Credit: 1.0 Fine Art

Fee: Yes

Grade: 10-12

For the serious drawing student interested in art and the environment, this course provides practice in observing, recording, and interpreting what is seen, felt and understood. A variety of media will be explored with emphasis on developing a personal approach to drawing.

PAINTING - 31-0040

Block Schedule

Prerequisite: Grade of "B" or better in Drawing or instructor permission

Credit: 1.0 Fine Art

Fee: Yes

Grade: 10-12

This advanced course offers the serious art student experiences in painting with tempera, watercolors and acrylics. Emphasis will be on original composition and creative use of materials.

SCULPTURE AND CERAMICS - 31-0050

Block Schedule

Prerequisite: Grade of "B" or better in Art I

Credit: 1.0 Fine Art

Fee: Yes

Grade: 11-12

This advanced course is designed for the serious artist who wants to explore the construction of three-dimensional forms; the history of ceramics and sculpture, and self-expression. The main focus will be on constructing clay forms through the processes of hand building and throwing on the potter's wheel. Other materials and sculpture methods will also be explored such as carving and assemblage. Creating meaningful and aesthetically pleasing work through the use of the elements and principles of art and personal inspiration is emphasized. Tools, equipment and most supplies provided.

METALS AND FIBERS - 31-0060**Block Schedule****Prerequisite:** Grade of "B" or better in Art I**Credit:** 1.0 Fine Art**Fee:** Yes**Grade:** 11-12

This is a high demand class for the advanced art student interested in three-dimensional metals and fibers work. Learn the basic techniques of designing, fabricating and casting decorative and functional products using a variety of techniques and media. The history of personal adornment will be explored and used as inspiration for the student's own creative work. All tools are provided, however, certain materials such as sterling silver, copper and nu-gold will be used and must be purchased by the student. Impact, splash proof goggles, with indirect vents are required for this course.

ART APPRECIATION - 31-0070**1 Semester****Prerequisite:** None**Credit:** 0.50 Fine Art**Fee:** Yes**Grade:** 10-12

This course of study will provide an awareness of the influences of past art forms and artistic styles on our present day visual arts. Hands-on projects, visuals, and a field trip will be used to enhance the students' awareness and appreciation of Art History.

COMPUTER GRAPHICS - 31-0080**1 Semester****Prerequisite:** Grade of "C" or better in Art I**Credit:** 0.50 Fine Art**Fee:** Yes**Grade:** 10-12

Students in this course will use the Macintosh computer as a design tool in the production of original artwork reflecting the use of elements and principles of design. Students will become competent in a variety of software programs and peripherals as they observe historic and contemporary artwork, and use these works for inspiration in their own graphics.

CYBER ARTS - 31-0090**1 Semester****Prerequisite:** Grade of "B" or better in Computer Graphics or teacher approval**Credit:** 0.50 Fine Art**Fee:** Yes**Grade:** 11-12

Cyber Arts is for those advanced computer graphic students who have a strong interest in computer-generated art and the field of graphic design. This course builds upon what was learned in Computer Graphics and introduces an object-oriented application. Students will be creating aesthetically pleasing and meaningful artwork through photo manipulation, graphic design, and mixed media. The basic design elements and principles will be emphasized as well as current events, technology and historical content.

PHOTOGRAPHY AND TECHNOLOGY - 31-0100**1 Semester****Prerequisite:** Grade of "C" or better in Art I**Credit:** 0.50 Fine Art**Fee:** Yes**Grade:** 10-12

This intense course is designed for the photo enthusiast who wants to learn the basics of photography with focusing on digital photography. Students will explore the history of photography through the creation of pinhole cameras, basics darkroom processes, digital photography and photo manipulation. The elements and principles of designs will be emphasized with each project to create aesthetically pleasing images. A digital SLR (Single Lens Reflex) camera with manual settings is required for this course. In addition to lab fees, students are responsible for getting images printed and any related printing costs.

BUSINESS TECHNOLOGY CURRICULUM

COURSES

9 th Grade		10 th Grade		11 th Grade		12 th Grade	
31-1100	INTRO TO BUSINESS	31-1100	INTRO TO BUSINESS	31-1100	INTRO TO BUSINESS	31-1100	INTRO TO BUSINESS
31-1110	GLOBAL BUSINESS	31-1110	GLOBAL BUSINESS	31-1110	GLOBAL BUSINESS	31-1110	GLOBAL BUSINESS
31-1180	RECORDKEEPING	31-1120	APPLIED ECONOMICS	31-1120	APPLIED ECONOMICS	31-1120	APPLIED ECONOMICS
		31-1140	ENTREPRENEURSHIP	31-1140	ENTREPRENEURSHIP	31-1140	ENTREPRENEURSHIP
		31-1160	SPORTS & ENTERTAIN MKT	31-1160	SPORTS & ENTERTAIN MKT	31-1160	SPORTS & ENTERTAIN MKT
		31-1170	PERSONAL FINANCE	31-1170	PERSONAL FINANCE	31-1170	PERSONAL FINANCE
		31-1180	RECORDKEEPING	31-1180	RECORDKEEPING	31-1180	RECORDKEEPING
				31-1130	BUSINESS LAW	31-1130	BUSINESS LAW
				31-1151	ACCOUNTING I	31-1151	ACCOUNTING I
				31-1152	ACCOUNTING II	31-1152	ACCOUNTING II
						31-8811/12	MARKETING ED

INTRO TO BUSINESS - 31-1100

1 Semester

Credit: 0.50 Practical Art

Grade: 9-12

Prerequisite: None

Intro to Business is a very practical introduction to everyday business. Students will learn about the world economy, entrepreneurship, careers, business finance, taxation, banking, and stock market. Students will participate in a stock competition. Guest speakers describe their vocation and explain the requirements, rewards, and drawbacks of their occupation. This class was formerly known as Exploring the World of Business I.

GLOBAL BUSINESS - 31-1110

1 Semester

Credit: 0.50 Practical Art

Grade: 9-12

Prerequisite: None

Exploring Global Business is a very practical introduction to everyday business. Topics covered include consumer rights, establishing credit, planning a budget, savings and investments, purchasing insurance, and checkbook simulations. Guest speakers will provide information to students regarding these topics. This class was formerly known as Exploring the World of Business II.

APPLIED ECONOMICS - 31-1120

1 Semester

Credit: 0.50 Practical Art

Grade: 10-12

Prerequisite: None

This course, sponsored by Junior Achievement, explores at the interrelated parts that make up the framework of our economy consumers, producers, and government. Students will learn about basic economic forces that affect today's society. Computer simulation exercises and stock market contests are also part of the many activities that take place in this class. Junior Achievement provides a business consultant to speak to the students on various topics.

* Meets the financial literacy requirement for the class of 2014 and beyond.

BUSINESS LAW - 31-1130

1 Semester

Credit: 0.50 Practical Art

Grade: 11-12

Prerequisite: None

Students will be given a background of basic legal principles as it pertains primarily to civil law. Topics to be covered will be determined by students' interests. Topics may include the following: torts and civil law, crimes and criminal law, wills, sexual harassment, contracts, marriage, divorce, renting/leasing, buying a car, owning a home, insurance, employment issues, domestic violence and starting a business. Case studies and current events will give students the opportunity to see how laws help and protect people. Students will also participate in a mock trial time permitting.

ENTREPRENEURSHIP - 31-1140

1 Semester

Credit: 0.50 Practical Art

Grade: 10-12

Prerequisite: None

Are you interested in learning what it takes to start your own business? Are you interested in learning what it takes to keep a business thriving and earning a profit? Are you trying to understand why your favorite store went under? Are you racking your brain trying to understand why your manager or employer makes the decisions he/she does? Then Entrepreneurship is the course for you! This course is valuable not only to those individuals who are considering a career in business, but also to anyone who is or will be working in the business world. Topics covered will include characteristics of an entrepreneur, marketing, economics, finance, recordkeeping, management, legal issues, and business plans. Students will experience the entrepreneurial process as if they were actually starting their own business by creating a business plan using an entrepreneurship simulation.

ACCOUNTING I - 31-1151**ACCOUNTING II - 31-1152**

Full year

Prerequisite: None

Credit: 0.50 per semester Practical Art

Fee: Yes

Grade: 11-12

This course is designed to help you understand the basic principles of the accounting cycle. Emphasis is placed on analyzing and recording business transactions; preparing and interpreting financial statements, accounting systems, banking and payroll activities. Also, covered are the basic types of business ownership and orientation to careers in accounting. Keep in mind that if you are planning on majoring in business in college, schools will require you to take accounting classes.

SPORTS AND ENTERTAINMENT MARKETING - 31-1160

1 Semester

Prerequisite: None

Credit: 0.50 Practical Art

Fee: Yes

Grade: 10-12

The sports and entertainment industry has emerged as one of the leading occupational areas of the 21st Century. It has been estimated that over 5 million sport-related jobs are in existence today. This course will help students develop a thorough understanding of the marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals, and implementation of sports marketing plans. Students will apply concepts taught in this class and participate in a simulation where they will create their own expansion sports franchise.

PERSONAL FINANCE - 31-1170

1 Semester

Prerequisite: None

Credit: 0.50 Practical Art

Grade: 10-12

Have you asked yourself when in the world am I going to use this stuff after I leave school? Do you want to know how to apply mathematical concepts to your everyday personal life? Are you into practical application of what you learn? If you answered yes to any of these questions, then this is the course for you. Regardless of what career pathway you choose, you will need to know how mathematical concepts apply to purchasing and selling products/services on sale, on installment and on credit cards; investing in stocks, bonds, mutual funds and annuities; calculating payroll and taxes; calculating simple interest and compound interest on loans and credit card balances; purchasing insurance; and calculating depreciation and mortgage payments. Why not learn these practical applications now?

* Meets the financial literacy requirement for the class of 2014 and beyond.

RECORDKEEPING - 31-1180

1 Semester

Prerequisite: None

Credit: 0.50 Practical Art

Fee: Yes

Grade: 9-12

Students will learn how to keep records for personal and business use. Topics covered in the course include reconciliation of a checking account, tax forms, personal budget forms, payroll records, data processing records, filing techniques, and selling/purchasing forms. Students will be able to perform the recordkeeping tasks of an office cashier, sales clerk, stock clerk, purchasing clerk, accounts payable clerk, and payroll clerk. Realistic problems and simulated business situations will give students a chance to apply what they have learned with some work done on the computer.

MARKETING AND MANAGEMENT I - 31-8801 - 1st Semester**- 31-8802 - 2nd Semester**

Full Year

Prerequisite: Application required

Credit: 1

Fee: Yes

Grade: 11

When you shop on-line, you read product information written by a marketing specialist. Every time a new product is introduced, market researchers helped to develop it. No new business, idea, or invention will ever progress unless marketing makes it happen! This course will introduce the student to the world of marketing and management. Through classroom instruction, virtual business simulations, participation in DECA activities, and current events studies students learn about marketing, management, economics, communications, and employability.

*Students completing MMI will have priority acceptance into MMII as a senior.

MARKETING AND MANAGEMENT II - 31-8811 – 1st Semester

- 31-8812 – 2nd Semester

Full year /Blocked

Prerequisite: Application required

Credit: 2 – Classroom

Credit: 3 – Co-Op

College Credit: 6 – Owens Community College

Fee: Yes

Grade: 12

Are you a senior who is planning on majoring in business or marketing in college? Do you want to make yourself stand out in today's competitive job market? Are you interested in gaining practical knowledge of the business world through a cooperative work experience? Would you like to earn 6 COLLEGE CREDITS while in high school? Do you want to start your own business one day? Would you like to learn valuable leadership skills, travel, and win awards by participating in DECA competitions, conferences, and business partnerships? If you answered yes to ANY of these questions, then consider Marketing and Management II.

This course will provide you with a more in-depth and project-based study of marketing including advertising, marketing research, product management, personal selling, pricing, channel management, and entrepreneurship. Marketing career paths could include accounting/finance, advertising/public relations, business administration, international business, entrepreneurship, fashion merchandising, hotel/resort management, sales/marketing, sports marketing management, and travel/tourism marketing.

COMPUTER TECHNOLOGY CURRICULUM

Priority will be given to seniors, then juniors, then sophomores, and then freshmen, based on the availability of equipment and instructors.

COURSES

9th Grade		10th Grade		11th Grade		12th Grade	
31-1300	COMPUTER TECH	31-1300	COMPUTER TECH	31-1300	COMPUTER TECHN	31-1300	COMPUTER TECH
31-1310	ADV COMPUTER TECH	31-1310	ADV COMPUTER TECH	31-1310	ADV COMPUTER TECH	31-1310	ADV COMPUTER TECH
31-1320	MULTIMEDIA I	31-1320	MULTIMEDIA I	31-1320	MULTIMEDIA I	31-1320	MULTIMEDIA I
31-1330	MULTIMEDIA II	31-1330	MULTIMEDIA II	31-1330	MULTIMEDIA II	31-1330	MULTIMEDIA II
		31-1340	DESKTOP PUBLISHING	31-1340	DESKTOP PUBLISHING	31-1340	DESKTOP PUBLISHING
		31-1350	INTERNET WEB DESIGN	31-1350	INTERNET WEB DESIGN	31-1350	INTERNET WEB DESIGN
		31-1360	COMPUTER PROGRAM	31-1360	COMPUTER PROGRAM	31-1360	COMPUTER PROGRAM
				31-1370	REAL WORLD TECH	31-1370	REAL WORLD TECH

COMPUTER TECHNOLOGY - 31-1300

1 Semester

Credit: 0.50 Computer/Practical Art

Grade: 9-12

Prerequisite: None

This course is strongly recommended prior to taking other computer courses. You will learn to type with confidence when using the keyboard. This will allow you to quickly and efficiently type without looking at your hands. You will also gain a basic understanding of computer hardware and software. The focus will be on word processing, spreadsheet, database, and presentation software. After this class you will be able to make appropriate ethical choices about the use of computers.

ADVANCED COMPUTER TECHNOLOGY - 31-1310

1 Semester

Credit: 0.50 Computer/Practical Art

Grade: 9-12

Prerequisite: None

Are you looking to learn some new 21st Century Skills? In this class you will be taught many different software programs. Different units include graphic design, movies, websites, website art, and flash animations. You may choose to take another computer class the following year to focus on a specific topic that you enjoyed learned.

MULTIMEDIA I - 31-1320

1 Semester

Credit: 0.50 Computer/Practical Art

Must purchase a MINI DV tape

Grade: 9-12

Prerequisite: None

This course is intended for students who have little or no experience with digital video and have not taken Jr. High Multimedia class. This course will give the beginning student an introduction to creating movies using digital cameras and computers.

MULTIMEDIA II - 31-1330

1 Semester

Credit: 0.50 Computer/Practical Art

Must purchase a MINI DV tape

Grade: 9-12

Prerequisite: Multimedia I or Jr. High Multimedia

This course is a continuation of Multimedia I for those students interested in creating video projects using professional level video creation tools. The students will create movie projects using professional level software such as Photoshop, Final Cut Pro, Soundtrack and Peak. Students will examine many video techniques and incorporate them into their movies. The students are expected to use professional level techniques in their movie projects.

DESKTOP PUBLISHING - 31-1340

1 Semester

Credit: 0.50 Computer/Practical Art

Grade: 10-12

Prerequisite: None

Desktop publishing focuses on the uses of Adobe InDesign for document layout and design. Students have the opportunity to learn how to integrate text, graphics, and photographs to create a variety of professional quality finished documents for practical and business use. You will have the chance to create newsletters, business cards, magazine pages, posters, and promotional material. This course is intended for students who desire to master the use of desktop publishing software.

INTERNET WEB DESIGN - 31-1350

1 Semester

Credit: 0.50 Computer/Practical Art

Grade: 10-12

Prerequisite: Any ONE of the following: Jr.High or High School Multimedia, Computer Graphics, Cyber Arts or **PERMISSION OF THE INSTRUCTOR**

Just about everyone has used the World Wide Web for research or entertainment. In this class, students will use professional level World Wide Web authoring tools to design and create advanced cutting edge web pages. Students will begin with web basics and quickly move to advanced skills needed to create and maintain a 21st Century Website. Topics to be explored include; web graphic format, audio for the web including MP3, streaming video techniques, and the aesthetics of good web design.

COMPUTER PROGRAMMING - 31-1360

1 Semester

Credit: 0.50 Computer/Practical Art

Grade: 10-12

Prerequisite: None

This course provides an introduction to computer programming. Students will learn how to write a set of instructions in a logical format using: input statements and/or read-data statements, formatting output, graphics and sound, for-next loops, and fundamental control statements. If time allows, simple animation will also be covered. Although this is an ideal introductory course in computer programming, the course emphasis is NOT to teach it as a career-oriented topic, but rather to give students the opportunity to strengthen their critical thinking and problem solving skills and explore the "HOW" of programs.

REAL WORLD TECHNOLOGY - 31-1380

1 Semester

Credit: 0.50 Computer/Practical Art

Grade: 11-12

Prerequisite: Desktop Publishing, Multimedia, or Advanced Computer Technology Applications; **APPLICATION REQUIRED**

Are you looking for an opportunity to utilize and enhance your technology skills by completing practical application projects? Are you tired of doing projects for the sole purpose of getting a grade and then never "using " the project or knowledge gained from the project in a practical way? Then you have found the right course! In Real World Technology, you will work on projects for the school district as a whole, as well as for various school organizations, individual teachers, staff members, and administrators. Projects may include, but are not limited to, pamphlets, newsletters, brochures, signs, PowerPoint presentations, multimedia presentations, digital movies, and Internet research. This course involves a lot of independent work where the teacher acts as the facilitator. What a great opportunity to create some practical projects to place in your portfolio for college or work! In the course of completing these projects, you will gain experience in working for a client, in communicating with the client as well as in communicating with your fellow workers, in meeting deadlines, in collaborating --- ultimately in human relations. This course may be taken multiple times.

ENGLISH CURRICULUM

Students must maintain a “B” or better each semester to remain in Honors and AP classes. Students must also earn a “B” or better each semester to move to the next honors level.

COURSES

9th Grade		10th Grade		11th Grade		12th Grade	
31-3121/22	WORLD LIT/COMPOSITION I	31-3221/22	WORLD LIT/COMPOSITION II	31-3321/22	AMERICAN LIT SURVEY	31-3410	SR COMPOSITION
31-3131/32	HONORS WD LIT/COMP I	31-3231/32	HONORS WD LIT/COMP II	31-3331/32	HONORS AMERICAN LIT	31-3420	SR LITERATURE
31-3500	SPEECH	31-3500	SPEECH	31-3500	SPEECH	31-3431/32	AP ENGLISH
		31-3520	DRAMA I	31-3520	DRAMA I	31-3500	SPEECH
		31-3530	DRAMA II	31-3530	DRAMA II	31-3520	DRAMA I
		31-3531/32	JOURNALISM I	31-3531/32	JOURNALISM I	31-3530	DRAMA II
		31-3551/52	YEARBOOK	31-3541/42	JOURNALISM II	31-3531/32	JOURNALISM I
				31-3551/52	YEARBOOK	31-3541/42	JOURNALISM II
						31-3551/52	YEARBOOK

WORLD LITERATURE/COMPOSITION I - 31-3121 - 1st Semester **- 31-3122 - 2nd Semester**

Full year
Prerequisite: None

Credit: 0.50

Fee: Yes
Grade: 9

Students will focus on developing and presenting pieces of writing in various modes such as: narrative, research, expository, persuasive, descriptive, and analytical. In conjunction with composition, students will review and expand knowledge of grammar, mechanics, and basic techniques and organizational principles of writing. Ohio Department of Education Common Core Standards in writing will be emphasized throughout the semester. Steps in the writing process are stressed: prewriting, drafting, revising, editing, and publishing writing products. The required 9th grade research paper is completed during Semester 1.

Through reading literature, students will acquire knowledge of basic literary genres and vocabulary necessary to write and speak about literature. Genres may include the novel, the short story, poetry, the epic poem, drama, and non-fiction. Students are prepared for the Ohio Department of Education Common Core Standards, reading and writing sections through lessons, activities and projects.

HONORS WORLD LITERATURE/COMPOSITION I - 31-3131 - 1st Semester **- 31-3132 - 2nd Semester**

Full year

Credit: 0.50 per semester

Fee: Yes
Grade: 9

Prerequisite: “A” or “B” in English 8A; “C” in 8A or “A” in 8R requires teacher recommendation, essay and grammar examination.

This course consists of a more in-depth study of grammar, composition, and world literature than World Literature/Composition I. Varied use of sentence patterns, clauses, and phrases will be stressed in the area of composition. Weaknesses in grammatical usage will also be emphasized. World Literature will involve not only a study of literary types (e.g. short story, novel, poems, essays, biographies, and plays), but also authors’ styles. Four research-based papers/projects dealing with an analysis of literature will be required. Ohio Department of Education Common Core Standards in reading and writing will be emphasized throughout the year.

WORLD LITERATURE/COMPOSITION II - 31-3221 - 1st Semester **- 31-3222 - 2nd Semester**

Full year

Credit: 0.50

Fee: Yes
Grade: 10

Prerequisite: World Literature/Composition I

Building on the foundation established in World Literature/Composition I, this course allows students to study the origins of literature and progress through the major periods of history, understanding how literature is a reflection of and contributes to its time. Literary elements such as theme, plot, and characters will be discussed and exemplified by short stories, essays, plays, poetry, and novels contained in the next text and supplementary reading material.

In addition to expanding their knowledge of literature, students will develop composition skills through a detailed study of grammar form and function, in which they learn to analyze their mistakes and correct them according to the accepted norms of English usage. Additionally, students will study grammar from a synthetic point of view, progressing from basic parts of speech through word groups, sentences, paragraphs, and overall composition, with special emphasis on exposition. Ohio Department of Education Common Core Standards in reading and writing will be emphasized throughout the year.

HONORS WORLD LITERATURE/COMPOSITION II - 31-3231 - 1st Semester
- 31-3232 - 2nd Semester **Fee: Yes**
Full year **Credit: 0.50 per semester** **Grade: 10**
Prerequisite: "B" or better each semester in Honors World Lit/Comp I or "A" in World Lit/Comp I, with teacher recommendation and a portfolio examination.

Honors World Literature II will be survey of literature of world literatures from Greek and Roman cultures until present time. The reading selections will consist of multiple supplemental novels and selections from the course textbook. In addition, students will be required to read extra literature selections on their own. Supplementing the reading selections, students will write research papers. There also will be an emphasis on persuasive writing in the course. Students will be also continue to develop their public speaking skills through a variety of oral presentations. This is strictly a college-preparatory course.

AMERICAN LITERATURE SURVEY - 31-3321 - 1st Semester
- 31-3322 - 2nd Semester **Grade: 11**
Full year **Credit: 0.50 per semester**
Prerequisite: 9th and 10th grade English

First semester American literature is a survey of American literature from pre-colonial through the Civil War to the later nineteenth century. The course will emphasize the very nature and beginnings of America - its settlement, its struggle to establish itself as a democracy, its development away from old world bonds, and its beginnings of industrialization. Representative authors will be studied, such as Dickinson, Edwards, Franklin, Paine, Poe, Emerson, Thoreau, Hawthorne, and Melville. Students will be expected to read, understand, and write about American themes and philosophical ideas. Students will compose several analytical essays during the semester and make at least one oral report to the class.

Second semester American literature is a survey of American literature from the end of the Civil War to the end of the twentieth century. The course will cover American industrialization, the emergence of a cultural and intellectual power, the modern influences, and contemporary themes and issues. Representative authors will be studied, for example: Twain, Crane, Faulkner, Fitzgerald, Hemingway, Pound, Williams, Frost, and selected contemporary authors. The writing component of this course will be concerned with developing essays concerning these influences and issues. Students will compose several analytical essays during the semester and make at least one oral report to the class. A research paper is done during this semester.

HONORS AMERICAN LITERATURE - 31-3331- 1st Semester
- 31-3332 - 2nd Semester **Fee: Yes**
Full year **Credit: 0.50 per semester** **Grade: 11**
Prerequisite: "B" or better each semester in Honors World Lit/ Comp II or "A" average World Lit /Comp II with teacher recommendation and a portfolio examination.

Honors American Literature will be a survey of the development of American Literature from the Colonial Period to the present time. The major American authors, literary movements, literary periods and attitudes will be covered in relative detail. In addition to the regular class work, in-depth research and study will be done in various chosen areas such as the Transcendental Period, the American Civil War, the Period of Disillusionment (Roaring 20's), and post World War II. This course will be strictly a college-preparatory course.

Reading from an American author classic list will be required each quarter. Students will continue to develop oratory skills through various presentations.

SENIOR COMPOSITION - 31-3410
SENIOR LITERATURE - 31-3420 **Grade: 12**
One Semester Each – Student's must take both courses. **Credit: 0.50 per semester**
Prerequisite: 9th, 10th and 11th grade English

One semester will prepare students for college-level writing. Students will be asked to create logically organized and developed essays in many of the following modes: exposition, narrative, descriptive, argumentative, persuasive, problem-solution, cause and effect, etc. Also, there will be an emphasis on research and proper documentation procedure. During the semester the student will be asked to complete a number of research assignments. Students will need basic writing skills in order to be successful in the course.

Second semester will focus on writing about British fiction, drama, and poetry. The emphasis will be on such writers as Shakespeare, Blake, Shelly, Coleridge, Austin, reading, then Hardy, Dickens, Joyce, and biographical, historical and cultural influences on the writing.

Seniors Literature provides students with an opportunity to practice college level reading, vocabulary, and discussion skills.

AP ENGLISH LITERATURE/COMPOSITION - 31-3431 - 1st Semester
- 31-3432 - 2nd Semester

Full year **Credit:** 0.50 per semester **Fee:** Yes
Grade: 12
Prerequisite: "B" or better each semester in Honors American Literature or "A" in American Literature Survey with teacher recommendation and a portfolio examination.

The AP course is a one-year course in literature. The senior level course will prepare students for the Advanced Placement Test in May. Students will study selections from British (17th century until present) and American (18th century until present) authors where they will concentrate on elements of style, diction, imagery, tone, metaphor, and simile. The writing assignments will focus on types of literary analysis including expository, analytical and persuasive essays. Students will study areas of critical analysis in relation to novels and plays covered in class. Students will complete several major presentations throughout the course.

The course will start with a summer reading requirement and will end with an intensive program of timed writings in order to prepare students for the Advanced Placement Test in May. In order to prepare students for the test, numerous in-class and out-of-class essays will be assigned. There will also be objective evaluation on multiple choice tests and vocabulary instruction. Students will be required to complete extensive work outside of class.

SPEECH I - 31-3500

1 Semester **Credit:** 0.50 Fine Art **Grade:** 9-12
Prerequisite: None

A communications course studying how we as individuals communicate knowledge in the public speaking and oral presentations arena. Students will have the opportunity to perform, analyze, explore, and discuss how effective public speaking can improve their academic, personal, and professional life. Students will study how to analyze their audience and influence people's attitudes through research, argument, and opinion. Students will be expected to give formal oral presentations on the modes of speaking (i.e. expository, demonstration, persuasive, ceremonial, controversial, impromptu, oral interpretations, etc.) in front of the class.

DRAMA I - 31-3520

1 Semester **Credit:** 0.50 Fine Art **Grade:** 10-12
Prerequisite: None

Dramatic techniques and drama as literature will be studied with emphasis on the various aspects of theater. This course builds a basic knowledge of drama and its history, theater terminology, and acting performance. Each member of the class will be expected to participate in improvisation activities, and dramatic interpretation through monologue and scene performances throughout the semester. Many assignments and projects focus on character analysis, script interpretation, and small production staging.

DRAMA II - 31-3530

1 Semester **Credit:** 0.50 Fine Art **Grade:** 10-12
Prerequisite: Drama I

The Drama II course will continue the theater skills learned in Drama I course. This advanced theater course is designed to further acting skills in several areas, including characterization, body movement, make-up, costuming, voice and stage techniques. Theater managing, directing, and production skills will also be emphasizing throughout the semester. Other course requirements include play script analysis, investigation of theater careers, and practical technical and design skills. Students will be expected to perform, critique, and stage several small productions throughout the semester.

JOURNALISM I - 31-3531 - 1st Semester
- 31-3532 - 2nd Semester

Credit: 0.50 per semester Practical Art **Grade:** 10-12
Prerequisite: "B" average in English and **APPLICATION REQUIRED.**

Students are taught the principles of journalism. Students must successfully complete copy and layout requirements, fulfill advertising requirements, and meet established deadlines in order to receive satisfactory grades. Students must spend additional after school hours working on assignments for the class. The completion of this course is a prerequisite for the membership on the school Newspaper Staff.

JOURNALISM II - 31-3541 - 1st Semester
- 31-3542 - 2nd Semester

Credit: 0.50 per semester Practical Art **Grade:** 11-12
Prerequisite: "C" average in Feature Story Writing and **APPLICATION REQUIRED.**

This course is designed for those students who wish to be part of the Newspaper Staff as news feature and editorial writers, photographers, and layout designers. Students are taught the basic principles of journalism. Students must successfully complete copy and layout assignments, fulfill advertising requirements, and meet established deadlines in order to receive satisfactory grades. Students must spend additional after-school hours working on the Newspaper Staff.

YEARBOOK - 31-3551 - 1st Semester
- 31-3552 - 2nd Semester

Full year

Credit: 0.50 per semester Practical Art

Grade: 10-12

Prerequisite: Application required

The purpose of this class is to learn the fundamentals of yearbook production and to publish the Anthony Wayne Trailblazer. Students must successfully complete layout and copy assignments, fulfill advertising requirements, and meet established deadlines in order to receive satisfactory grades. Students are also required to attend one yearbook workshop and must spend additional after-school hours working on the yearbook.

FAMILY AND CONSUMER SCIENCE CURRICULUM

COURSES

9 th Grade		10 th Grade		11 th Grade		12 th Grade	
31-2010	MANAGE TRANSITIONS	31-2010	MANAGE TRANSITIONS	31-2010	MANAGE TRANSITIONS	31-2010	MANAGE TRANSITIONS
31-2030	HEALTHY & SAFE FOODS	31-2030	HEALTHY & SAFE FOODS	31-2030	HEALTHY & SAFE FOODS	31-2030	HEALTHY & SAFE FOODS
31-2080	FINANCIAL MANAGEMENT	31-2040	HEALTHY LIVING	31-2040	HEALTHY LIVING	31-2040	HEALTHY LIVING
31-2090	CAREER SEARCH I	31-2060	CHILD DEVELOPMENT	31-2060	CHILD DEVELOPMENT	31-2060	CHILD DEVELOPMENT
		31-2080	FINANCIAL MANAGEMENT	31-2080	FINANCIAL MANAGEMENT	31-2080	FINANCIAL MGMT
		31-2090	CAREER SEARCH I	31-2090	CAREER SEARCH I	31-2090	CAREER SEARCH I
				31-2100	CAREER SEARCH II	31-2100	CAREER SEARCH II
						31-8711/12	TEACHING PROFESS

MANAGE TRANSITIONS - 31-2010

1 Semester

Credit: .50 Practical Art

Grade: 9-10

Prerequisite: None

Students will assess values and resources that support lifestyle goals, effective time management, stress management, communication skills, conflict resolution skills, and multicultural awareness that sustain a productive, meaningful lifestyle and relationships. Students will also choose resources that meet individual, family, well being, and environmental sustainability.

HEALTHY AND SAFE FOODS - 31-2030

1 Semester

Credit: 0.50 Practical Art

Grade: 9-11

Prerequisite: None

In this course, students will develop practical problem solving that influence cultural and social factors that affect the body weight and healthy lifestyles. Students will also demonstrate safe food-handling practices related to food-borne pathogens and kitchen environments. To supplement the content on basic nutrition concepts, and food safety, food labs will be a component of this course.

HEALTHY LIVING - 31-2040

1 Semester

Credit: 0.50 Practical Art

Grade: 10-12

Prerequisite: It is recommended that students complete Healthy and Safe Foods prior to enrolling in Healthy Living. Healthy and Safe Foods will provide basic information that will be expanded upon in Healthy Living

In this course, students will develop practical problem solving that influence cultural and social factors that affect the body weight and healthy lifestyle. Students will also demonstrate safe food-handling practices related to food-borne pathogens and kitchen environments. Students will use time management strategies, decision-making skills, peer pressure and multi-cultural awareness that relate to educational, work and family goals to sustain productive, meaningful, lifestyles. Foods labs will be a component of this course.

CHILD DEVELOPMENT - 31-2060

1 Semester

Credit: 0.50 Practical Art

Grade: 10-12

Prerequisite: None

Students will gain knowledge of how parents and child providers meet the needs of infants and young children to provide for healthy growth and development. Prominent theories of child psychology will be studied. Topics also covered in this course include prenatal, birth, and infant care, children's activities and literature, and child nutrition.

FINANCIAL MANAGEMENT - 31-2080

1 Semester

Credit: 0.50 Practical Art

Grade: 11-12

Prerequisite: None

This course provides with an understanding of the concepts and principles involved in managing one's personal finances. Topics include savings and investing credit, insurance, taxes and social security, spending patterns and budget planning, contracts, and consumer protection, as well as an overview of the American economy.

CAREER SEARCH I - 31-2090

1 Semester

Credit: 0.50 Practical Art

Grade: 11-12

Prerequisite: None

In this course, students will practice job skills, and interpret career and workplace issues. Students will demonstrate how academic achievement influences personal and career growth, conflict resolution techniques and apply social skills that lead to effective school, career and family relationships that lead to a healthy, caring and responsible citizen.

CAREER SEARCH II (WITH CAREER MENTORSHIP) - 31-2100

1 Semester (2nd Semester only)

Credit: 0.50 Practical Art

Grade: 11-12

Prerequisite: Career Search I

Areas of study include assessing career plans, managing job searches, and examining career and workplace issues, develop essential interpersonal skills, communication skills and workplace related skills. This course has a mentorship experience attached.

TEACHING PROFESSIONS PROGRAM - 31-8711 - 1st Semester

- 31-8712 - 2nd Semester

Full year - 3 periods/day

Credit: 1.5 per semester

Grade: 12

Prerequisite: Application required

Teaching Professions is a one-year program offered to students who are interested in pursuing a career in education. Qualified students will learn about the challenges and opportunities offered through a career in education through work-based classroom experiences in a variety of educational settings and through specific foundations of teaching instruction. Must have own transportation.

FOOD AND NATURAL RESOURCE SCIENCE AND TECHNOLOGY

COURSES

9th Grade

31-8111/12 AGRICULTURE

10th Grade

31-8111/12 AGRICULTURE
 31-8511/12 LANDSCAPE DESIGN
 31-8521/22 STRUCTURAL ENGINEER
 31-8541/42 ANIMAL/PLANT BIOTECH
 31-8561/62 SCI & TECH OF FOOD
 31-8571/72 VETERINARY SCIENCE I

11th Grade

31-8111/12 AGRICULTURE
 31-8500 COMMUNICATION/LEADERSHIP
 31-8511/12 LANDSCAPE DESIGN
 31-8521/22 STRUCTURAL ENGINEER
 31-8530 SPORT&OUTDR PWR EQUIP
 31-8541/42 ANIMAL/PLANT BIOTECH
 31-8551/52 GENETICS & LAB
 31-8561/62 SCI & TECH OF FOOD
 31-8571/72 VETERINARY SCIENCE I
 31-8581/82 VETERINARY SCIENCE II

12th Grade

31-8111/12 AGRICULTURE
 31-8411/12 AGRIBUSINESS
 31-8500 COMMUN/LEADERSHIP
 31-8511/12 LANDSCAPE DESIGN
 31-8521/22 STRUCTURAL ENGINEER
 31-8530 SPORT&OUTDR PWR
 31-8541/42 ANIMAL/PLANT BIOTECH
 31-8551/52 GENETICS & LAB
 31-8561/62 SCI/TECH OF FOOD
 31-8571/72 VETERINARY SCI I
 31-8581/82 VETERINARY SCI II

AGRICULTURE, FOOD & NATURAL RESOURCES (Formerly Agriscience I)

- **31-8111 - 1st Semester**

- **31-8112 - 2nd Semester**

Full Year

Credit: 0.5 per semester Practical Art

Grade: 9-10

Prerequisite: None

Agriculture, Food & Natural Resources (AFNR) is designed to integrate scientific principles and new technologies to the agricultural industry as it relates to plants, animals, and renewable resources. Students will be introduced to various career pathways within the industry. Students will learn through hands-on activities the basics of food science, natural resources management, animal science & management, plant & horticultural science, power technology, and biotechnology. Leadership will be emphasized as students develop skills in parliamentary procedure, committee work, communication, public speaking, interpersonal skills, and teamwork. Additionally, students will learn techniques in woodworking and greenhouse management. Field trips to businesses, farms, and shows will further teach students these concepts. Students will conduct a research project unique to their own interests to compliment classroom studies.

FFA participation is expected as an extension of the classroom learning to provide leadership and competitive activities, and is counted as a part of the classroom grade. This requirement is fulfilled by attending 3 to 4 one-hour FFA meetings or related events per quarter, as chosen by the student.

AGRIBUSINESS - 31-8411 - 1st Semester

- 31-8412 - 2nd Semester

Full Year (2 periods/day plus work experience)

Credit: 2.5 per semester Practical Art

Grade: 12

Prerequisite: Any Agricultural Class; **Application and interview required**

Students will learn to apply the principles of economics, business management and marketing in both an entrepreneur/manager and an employee role to the leadership, planning, developing and analyzing of business enterprises related to agriculture, food and natural resources. Students will focus on employability skills such as maintaining employment, worker relations, and professional advancement. There is potential to various field trips to area businesses and farms to observe the production and business management practices. Students must complete 450 hours of cooperative work experience at an approved agricultural training site. As schedules permit, most students will be released from school to complete their cooperative work. Employment in an agriculturally related business **MUST** be secured by the start of the school year and maintained until graduation. Records must be maintained on the hours and type of work conducted. Several visits will take place throughout the year to ensure the workplace is working with the student to help them receive the best experience possible. Must have own transportation.

COMMUNICATION & LEADERSHIP (Formerly Leadership)

- **31-8501 - 1st Semester**

- **31-8502 - 2nd Semester**

Full Year

Credit: 0.5 per semester Practical Art

Grade: 11-12

Prerequisite: None

Whether you have been elected the president of a high school student organization, you are organizing a community fundraiser, you are in a new management position at your job, or you really enjoy working with others, this course is for you. This course is designed to equip every type of student with the tools needed to explore and develop their own leadership skills and style. Students will analyze attributes and capabilities of those in leadership positions and develop their communication and leadership skills in authentic situations. The course prepares students to apply journalistic, communication and broadcasting principles to the development, production, and transmittal of information. Students will also gain knowledge and skills in professional development, interviewing, and financial responsibility. Students will gain leadership experience and teamwork skills through individual and group projects. Upon completion of this course, students will be better able to move and influence others toward achieving individual and group goals.

LANDSCAPE DESIGN - 31-8511 - 1st Semester
- 31-8512 - 2nd Semester

Full Year
Prerequisite: None

Credit: 0.5 per semester Practical Art

Grade:10-12

Are you interested in beginning your own landscaping business? Do you like to work outdoors with plants and yards to achieve their highest quality? Do you enjoy working on a computer to simulate how a plan will work with the greatest appeal? Sound interesting? Then sign up! Landscape Design is intended to integrate principals of horticulture into designing landscapes and garden ponds. Students will take advantage of the greenhouse to compliment the classroom work. Subject areas to be highlighted include preparing a yard and flowerbed for planting, yard maintenance, mowing, edging, groundcover, equipment and supplies, and laying sod. To reinforce the subject matter, plant anatomy and development will be focused on. Students will utilize the program Landscape Pro to develop landscape designs for various projects. Additionally, students will determine the cost of building the projects they draft. Careers in landscape design will also be introduced. Field trips to area businesses and farms may be available to observe production procedures. Expect hands on and possibly community based projects.

FFA participation is expected as an extension of the classroom learning to provide leadership and competitive activities and is counted as part of the classroom grade. *(The FFA requirements is fulfilled by attending three(3) to four (4) 1 hour FFA meetings or related events per quarter.)

STRUCTURAL ENGINEERING - 31-8521 - 1st Semester
- 31-8522 - 2nd Semester

Full Year
Prerequisite: None

Credit: 0.5 per semester Practical Art

Grade:10-12

Have you ever wondered just how a car is put together? Do you have a project involving metal in mind that you would like to build? Are you curious to learn how to weld? Do you want to improve your welding skills? If you answered yes to any of these questions, then Metal Fabrication is the class for you. Metal Fabrication provides students with the opportunity to learn basic skills related to oxyfuel gas welding, cutting and brazing, shielded metal arc welding, gas metal arc welding, and plasma arc cutting. Students will also develop proper techniques related to drilling, bending, fastening and fitting of metal work in addition to tool and die procedures. Metallurgy, blue print development and reading, and careers related to metal working would also be studied. Opportunities will exist for students to design, fabricate, and weld decorative, mechanical, or practical use metal projects.

FFA participation is expected as an extension of the classroom learning experience to provide leadership and competitive activities and is counted as part of the classroom grade. *(The FFA requirements is fulfilled by attending three(3) to four (4) 1 hour FFA meetings or related events per quarter.)

SPORT AND OUTDOOR POWER EQUIPMENT - 31-8530

Block Schedule/1 Semester
Prerequisite: None

Credit: 1.0 Practical Art

Grade: 11-12

Has your dirt bike had trouble cold starting? Does your snowmobile whine excessively loud? Does your ATV seem to lose power under load? A basic understanding of small engine mechanics may help you solve your problems. Take a thorough of the various systems of an internal combustion engine. Compare/contrast the performance of four-stroke cycle engines versus two-stroke cycle engines. Learn about multiple-cylinder engines, troubleshooting, failure analysis and engine application & selection. You will be able to completely tear down and reassemble a small engine. Depending on availability, students will also be able to work on an assortment of recreation vehicles and lawn & garden equipment.

FFA participation is expected as an extension of the classroom learning to provide leadership and competitive activities and is counted as part of the classroom grade. *(The FFA requirements is fulfilled by attending three(3) to four (4) 1 hour FFA meetings or related events per quarter.)

ANIMAL & PLANT BIOTECHNOLOGY - 31-8541 - 1st Semester
- 31-8542 - 2nd Semester

Full Year
Prerequisite: Agriculture, Food, & Natural Resources or Biology

Credit: 0.25 Biological Science; 0.25 Practical Art per semester

Grade:10-12

This course is designed to integrate scientific principles and new technologies to further educate students about the ever-changing industry of biotechnology. Students will apply principles of chemistry, microbiology and genetics to plant and animal research and product development. They will describe the importance of biotechnology in society, and analyze the issues that have affected biotechnology. Students will apply genetic principals to determine genotypes and phenotypes. Students will describe the parts and functions of animal and plant cells and their importance in biochemistry. Students will also have the opportunity to conduct their own research project related to a biotechnology topic of their choice, and then present their findings.

**GENETICS & LABORATORIES - 31-8551 - 1st Semester
- 31-8552 - 2nd Semester**

Full Year Credit: 0.25 Biological Science; 0.25 Practical Art per semester **Grade:11-12**
Prerequisite: Animal & Plant Biotechnology
(Offered alternating years - will be offered in the 2013-2014 school year)

Students will take their initial knowledge and investigate further into the world of genetics. Students will participate in a semester long breeding project, evaluating genetics of various species and choosing breeding patterns accordingly. Students will study genetic theory, DNA, and the complexity of phenotype and genotype interactions. Additionally, students will have the opportunity to participate in hands-on laboratories related to biotechnology, genetics, and more. Students will gain a better understanding of the management of laboratories and utilize their knowledge in real-life examples. Students will specifically learn techniques, procedures, methods of sample collection, preparation, and analysis within the laboratory. Students will also have the opportunity to conduct their own research project related to genetics.

**SCIENCE & TECHNOLOGY OF FOOD (Formerly Food Exploration) - 31-8561 - 1st Semester
- 31-8562 - 2nd Semester**

Full Year Credit: 0.25 Biological Science; 0.25 Practical Art per semester **Grade:10-12**
Prerequisite: None

Have you ever wondered how Doritos were created? Do you like to use your senses to determine different flavors? Are you curious to know the differences between organic and natural foods? Would you like to create your own food product and find creative ways to market it? This course is for you if you answered yes to any of these questions. This course examines the research, marketing, processing and packaging techniques applied to the development of food products. Students will examine principles of food preservation techniques and determine correlations to food sensory, shelf life and food stability. Students will examine and develop food safety, sanitation, and quality assurance protocol. Government regulations and food legislation will be examined and the implications to food science and technology will be identified. Class projects and activities will include taste testing, sensory evaluation, and other hands-on laboratories. Field trips to area businesses may be conducted to observe production procedures. Projects and activities will enable students to develop communication, leadership, and business management skills.

FFA participation is expected as an extension of the classroom learning to provide leadership and competitive activities, and is counted as a part of the classroom grade. This requirement is fulfilled by attending 3 to 4 one-hour FFA meetings or related events per quarter, as chosen by the student.

**VETERINARY SCIENCE I (Formerly Introduction to Veterinary Science) - 31-8571 - 1st Semester
- 31-8572 - 2nd Semester**

Full Year Credit: 0.25 Biological Science; 0.25 Practical Art per semester **Grade:10-12**
Prerequisite: "C" in Agriculture, Food, & Natural Resources, Biology, or Anatomy & Physiology

If you are curious to know how to care for and manage animals, along with how to diagnose illnesses and find ways to prevent and treat those diseases, this class is for you. Students will develop business leadership, problem-solving and communication skills in relation to the science and technology of animals. Students will learn responsible animal management principles and routine husbandry practices in relation to animal welfare and behavior. Students will identify and describe the anatomy and physiology of monogastric and ruminant organisms as it applies to nutrition, reproduction, and animal health. Students will also investigate animal genetics and how they impacts principles of animal improvement, selection and marketing. Students will explore careers in animal sciences, and investigate business management practices of a veterinary clinic and the economic design of starting a veterinary practice. Projects and activities will enable students to develop communication, leadership, and business management skills.

**VETERINARY SCIENCE II - 31-8581- 1st Semester
- 31-8582 - 2nd Semester**

Full Year Credit: 0.25 Biological Science; 0.25 Practical Art per semester **Grade:11-12**
Prerequisite: Veterinary Science I (previously called Introduction to Veterinary Science)

Are you ready to take your animal knowledge and experiences one step further? Are you interested in an animal or health related field? If you answered yes to either of these questions, this is the class for you! Students will develop knowledge of veterinary pharmacology, radiology and imaging techniques, principles of surgery, safe laboratory skills, and the concepts of ethics and professionalism in the work place. Students will develop skills in inquiry and statistical methods. Students will describe causes, symptoms, and treatment of common diseases with special emphasis on developing preventative health management plans and breeding programs. Students will utilize principles of technology to manage information systems, and research issues affecting the industry. Further, students will gain business management, leadership, and communication skills through individual and group projects. Students will have the opportunity to create a business plan for their own veterinary practice.

FFA participation is expected as an extension of the classroom learning to provide leadership and competitive activities, and is counted as a part of the classroom grade. This requirement is fulfilled by attending 3 to 4 one-hour FFA meetings or related events per quarter, as chosen by the student.

FOREIGN LANGUAGE

Students must maintain a "C" or better in order to advance to the next semester in all non-honors classes.

Students must maintain a "B" or better each semester to remain in Honors classes. Students in level II or III foreign language who earn a "D" for the 1st semester may be allowed to continue with parent, Foreign Language teacher, and counselor permission.

Students who do not meet the prerequisite to advance to level II and III of a foreign language, may repeat the class if they have a "B" or better in English the foreign language teacher recommendation.

COURSES

9 th Grade	10 th Grade	11 th Grade	12 th Grade
31-3611/12 SPANISH I	31-3611/12 SPANISH I	31-3621/22 SPANISH II	31-3721/22 GERMAN II
31-3621/22 SPANISH II	31-3621/22 SPANISH II	31-3711/12 GERMAN I	31-3821/22 FRENCH II
31-3711/12 GERMAN I	31-3711/12 GERMAN I	31-3721/22 GERMAN II	31-3631/32 SPANISH III
31-3721/22 GERMAN II	31-3721/22 GERMAN II	31-3811/12 FRENCH I	31-3641/42 H SPANISH IV
31-3811/12 FRENCH I	31-3811/12 FRENCH I	31-3821/22 FRENCH II	31-3651/52 H SPANISH V
31-3821/22 FRENCH II	31-3821/22 FRENCH II	31-3631/32 SPANISH III	31-3731/32 GERMAN III
	31-3631/32 SPANISH III	31-3641/42 H SPANISH IV	31-3741/42 H GERMAN IV
	31-3731/32 GERMAN III	31-3731/32 GERMAN III	31-3751/52 H GERMAN V
	31-3831/32 FRENCH III	31-3741/42 H GERMAN IV	31-3831/32 FRENCH III
		31-3831/32 FRENCH III	31-3841/42 H FRENCH IV
		31-3841/42 H FRENCH IV	31-3851/52 H FRENCH V

SPANISH CURRICULUM

SPANISH I - 31-3611 - 1st Semester - 31-3612 - 2nd Semester

Full year **Credit:** 0.50 per semester
Prerequisite: "B" or better in English or Instructor permission

Grade: 9-10
Grade: 11 with teacher recommendation

This is a basic introductory course with majority of the semester being devoted to listening skills and pronunciation practice. Basic vocabulary and simple grammar is also included in the coursework. Spanish-speaking countries and holidays will also be studied. The coursework requires in class participation and daily homework practice.

Second semester is a continuation of the basic introductory course. Simple sentence structure will be learned, while reading and writing skills become a greater part of everyday learning and activities. In class activities will require preparedness and good knowledge of homework activities.

SPANISH I - 31-3613 - 1st Semester (freshmen only) - 31-3612 - 2nd Semester

1st Semester Only **Credit:** 0.50 per semester
Prerequisite: "B" or better in 8th grade English; First year freshmen only

Grade: 9

This course is designed for freshmen students taking Spanish for the first time. It is a basic introductory course with majority of the semester being devoted to listening skills and pronunciation practice. Basic vocabulary and simple grammar is also included in the coursework. Spanish-speaking countries and holidays will also be studied. The coursework requires in class participation and daily homework practice.

Second semester is a continuation of the basic introductory course. Simple sentence structure will be learned, while reading and writing skills become a greater part of everyday learning and activities. In class activities will require preparedness and good knowledge of homework activities.

SPANISH II - 31-3621 - 1st Semester - 31-3622 - 2nd Semester

Full year **Credit:** 0.50 per semester
Prerequisite: "C" or better in Spanish I or Instructor permission

Grade: 9-12

First semester is a continuation of Spanish I skills, to increase vocabulary and conversational ability. Incorporated in the course will be reading skills, simple compositions, dialogues, and cultural studies.

Second semester will introduce higher-level grammar and increase vocabulary. There will be increased emphasis on writing and speaking skills, as well as reading and comparisons between the different Spanish-speaking countries.

SPANISH III - 31-3631 - 1st Semester
- 31-3632 - 2nd Semester

Full year Credit: 0.50 per semester **Grade: 10-12**
Prerequisite: "C" or better in Spanish II or Instructor permission

The first semester reviews the tenses learned in Spanish I and II, expands on vocabulary, and intensifies the fundamentals of grammar study. All four basic skills will be used: speaking, listening, reading, and writing. Compositions and short stories in the Spanish language will be used.

Second semester reviews and adds complex tenses. The fundamentals of grammar study intensify in reading, writing, speaking and listening. Compositions, projects and short stories in the Spanish language are included. Culturally relevant material continues to be incorporated in the class.

HONORS SPANISH IV - 31-3641 - 1st Semester
- 31-3642 - 2nd Semester

Full year Credit: 0.50 per semester **Fee: Yes**
Prerequisite: "B" or better in Spanish III or Instructor permission **Grade: 11-12**

This course emphasizes reflective thinking and proficient communication through a more intense approach to the study and assessment of listening, reading, speaking, and writing skills. Proficiency is fostered through the application of advanced grammatical structures, sophisticated vocabulary and the analysis of authentic literature. This course is conducted in Spanish; therefore, students are required to speak Spanish in the classroom. Individual and class projects in interdisciplinary studies encourage global understanding and problem-solving skills in contemporary society. In addition, students are expected to incorporate modern technology by utilizing various forms of multimedia.

HONORS SPANISH V - 31-3651 - 1st Semester
- 31-3652 - 2nd Semester

Full year Credit: 0.50 per semester **Grade: 12**
Prerequisite: "B" or better in Spanish IV or Instructor permission

This course will review grammar, verb tenses and vocabulary, as well as expand these areas. The course is reading and writing intensive with a thorough study of Hispanic Literature. Short stories, a novel, and poems are included. Emphasis will be on developing proficiency in reading, writing, speaking and listening. The AP Exam in the Spanish language will be offered to students in May.

GERMAN CURRICULUM

GERMAN I - 31-3711 - 1st Semester
- 31-3712 - 2nd Semester

Full year Credit: 0.50 per semester **Fee: Yes**
Prerequisite: "B" or better in English **Grade: 9-10**
Grade: 11 with teacher recommendation

First semester introduces German language and culture. The emphasis is on learning basic speech functions through listening and speaking practice. Culture is incorporated through the textbook lessons, as well as class discussions.

Second semester is a continuation of the introductory course in German. Emphasis continues to be the development of competence in everyday situations relevant to the age group of the student. Students are introduced to the past tense and learn to use complex sentences in discourse.

GERMAN II - 31-3721 - 1st Semester
- 31-3722 - 2nd Semester

Full year Credit: 0.50 per semester **Fee: Yes**
Prerequisite: "C" or better in German I or Instructor permission **Grade: 9-12**

First semester is a continuation of the fundamentals of the German language, as the students learn to apply their language skills to situations outside everyday situations, to compare and contrast, and to describe in detail. Students will begin to learn about the culture of German-speaking countries.

Second semester continues the process begun in the first semester, as students make the transition from the elementary to the intermediate level. Although the students are still learning some of the basics of the language, they are competent enough at this point, that most of the class is conducted in German. Students gain more practice in applying their language abilities to areas outside there everyday existence. Students will be introduced to short pieces of German literature.

GERMAN III - 31-3731 - 1st Semester
- 31-3732 - 2nd Semester

Full year Credit: 0.50 per semester
Prerequisite: "C" or better in German II or Instructor permission

Fee: Yes
Grade: 10-12

First semester reviews and extends the basics of the German language needed for basic competency in the language. At this level, students will encounter authentic German texts from a variety of areas: literature, journalism, conversations, etc. on a variety of topics and issues. Students will learn to write and speak about issues at greater length, writing short essays and stories, holding conversations on prepared topics, making presentations in German, etc.

Second semester continues the focus introduced in the first semester. More sophisticated grammar is introduced at this time, as students encounter this in literature and journalistic writing.

HONORS GERMAN IV - 31-3741 - 1st Semester
- 31-3742 - 2nd Semester

Full year Credit: 0.50 per semester
Prerequisite: "B" or better in German III or Instructor permission

Fee: Yes
Grade: 11-12

This course is designed for students who desire to extend their knowledge of the German language and cultures beyond the basics covered in the first three years. The class is conducted in German wherever possible, and the emphasis is on developing skills in all areas of the language. Students use cultural, literary and journalistic texts, videos and CD's as springboards for language development and personal expression. While the basics of grammar are reviewed, the primary emphasis is on developing facility with the language. This class is highly recommended for college-bound students, particularly if they foresee furtherer foreign language studies or would like to place out of foreign language requirements.

HONORS GERMAN V - 31-3751 - 1st Semester
- 31-3752 - 2nd Semester

Full year Credit: 0.50 per semester
Prerequisite: "B" or better in German IV or Instructor permission

Fee: Yes
Grade: 12

This course is designed for students who desire to extend their knowledge of the German language and cultures beyond the basics. The class is conducted in German wherever possible, and the emphasis is on developing skills in all areas of the language. Students use cultural, literary and journalistic texts, videos and CD's as springboards for language development and personal expression. While the basics of grammar are reviewed, the primary emphasis is on developing facility with the language. This class is highly recommended for college-bound students, particularly if they foresee furtherer foreign language studies or would like to place out of foreign language requirements.

FRENCH CURRICULUM

FRENCH I - 31-3811 - 1st Semester
- 31-3812 - 2nd Semester

Full year Credit: 0.50 per semester
Prerequisite: "B" or better in English or Instructor permission

Fee: Yes
Grade: 9-10
Grade: 11 with teacher recommendation

First semester is an introduction to the French language – its structures, sound system, basic vocabulary and basic grammar. Information about daily life in France is integrated into the lessons thematically.

Second semester expands upon the structures learned in the first semester, concentrating on sentence formation and comprehension, both oral and written. As reading skills progress, the written language becomes a greater part of classroom and assessment activities. Information about French culture continues to be integrated into the learning process.

FRENCH II - 31-3821 - 1st Semester
- 31-3822 - 2nd Semester

Full year Credit: 0.50 per semester
Prerequisite: "C" or better in French I or Instructor permission

Fee: Yes
Grade: 9-12

First and second semester continues the study of the structure of the French language with further emphasis on written and spoken language skills. Grammar concepts from French I are reviewed and expanded upon. Vocabulary study continues with thematic units are also tied into cultural information.

Second semester introduces some higher-level grammar points and verb structures. Culture lessons are slowly introduced in French with grammar and vocabulary being integrated into the readings and comparisons between the home culture and French culture being emphasized.

FRENCH III - 31-3831 - 1st Semester
- 31-3832 - 2nd Semester

Full year **Credit:** 0.50 per semester
Prerequisite: "C" or better in French II or Instructor permission

Fee: Yes
Grade: 10-12

First semester reviews basic verb tenses and grammatical structures needed for general conversation, as well as expands upon previously learned vocabulary themes. Selected readings related to vocabulary and grammar study as well as francophone cultures are incorporated.

Second semester adds several complex tenses as well as certain fundamental grammar points and more advanced vocabulary. Culturally relevant materials continue to be incorporated into daily classroom activities.

HONORS FRENCH IV - 31-3841 - 1st Semester
- 31-3842 - 2nd Semester

Full year **Credit:** 0.50 per semester
Prerequisite: "B" or better in French III or Instructor permission

Grade: 11-12

This course is an extension of what is learned in levels one through three. Students who have a strong interest in foreign languages, are college bound and are high achievers will benefit from this course. The French language is used extensively during class through reading, writing, listening and speaking activities. The grammar content extends to more complex verb tenses and grammatical structures. Vocabulary is at a more advanced level, often tied in to texts read in class. Readings are concentrated on French and Francophone culture and civilization, usually drawn from authentic documents from these countries.

HONORS FRENCH V - 31-3851 - 1st Semester
- 31-3852 - 2nd Semester

Full year **Credit:** 0.50 per semester
Prerequisite: "B" or better in French IV or Instructor permission

Fee: Yes
Grade: 12

This course is an advanced-level class, targeting highly motivated, high-achieving students who may envision continuing their French studies at the college level or perhaps studying abroad. The perfection of spoken and written French is the primary goal through high-level grammar explanations, advanced vocabulary study, exposure to authentic historical and literary texts and native-level spoken documents. French is used almost exclusively in class work and students are encouraged to expose themselves to the French language and culture outside of class through movies, music, literature, the media, and the internet. With additional preparation students may choose to take the AP French language exam offered in May.

INDUSTRIAL TECHNOLOGY EDUCATION CURRICULUM

A fee is charged for each course, with the exception of Construction Foundations I & II and Home Maintenance

COURSES	9th Grade	10th Grade	11th Grade	12th Grade
31-2510 TECH DRAW/DESIGN I	31-2510 TECH DRAW/DESIGN I	31-2510 TECH DRAW/DESIGN I	31-2510 TECH DRAW/DESIGN I	31-2510 TECH DRAW/DESIGN I
31-2520 TECH DRAW/DESIGN II	31-2520 TECH DRAW/DESIGN II	31-2520 TECH DRAW/DESIGN II	31-2520 TECH DRAW/DESIGN II	31-2520 TECH DRAW/DESIGN II
31-2610 CONSTRUCTION FOUND I	31-2530 INDUST DESIGN/ENG I	31-2530 INDUST DESIGN/ENG I	31-2530 INDUST DESIGN/ENG I	31-2530 INDUST DESIGN/ENG I
31-2620 CONSTRUCTION FOUND II	31-2540 INDUST DESIGN/ENG II	31-2540 INDUST DESIGN/ENG II	31-2540 INDUST DESIGN/ENG II	31-2540 INDUST DESIGN/ENG II
	31-2580 DESIGN TECHNOLOGY	31-2550 ARCH DRAFT/DESIGN I	31-2550 ARCH DRAFT/DESIGN I	31-2550 ARCH DRAFT/DESIGN I
	31-2610 CONSTRUCTION FOUND I	31-2560 ARCH DRAFT/DESIGN II	31-2560 ARCH DRAFT/DESIGN II	31-2560 ARCH DRAFT/DESIGN II
	31-2620 CONSTRUCTION FOUND II	31-2580 DESIGN TECHNOLOGY	31-2580 DESIGN TECHNOLOGY	31-2571/72 IND STY ENG/ARCH
	31-2630 INDUSTRIAL TECH I	31-2610 CONSTRUCTION FOUND I	31-2610 CONSTRUCTION FOUND I	31-2580 DESIGN TECHNOLOGY
	31-2640I INDUSTRIAL TECH II	31-2620 CONSTRUCTION FOUND II	31-2620 CONSTRUCTION FOUND II	31-2630 INDUSTRIAL TECH I
	31-2650 HOME MAINTENANCE	31-2630 INDUSTRIAL TECH I	31-2630 INDUSTRIAL TECH I	31-2640 INDUSTRIAL TECH II
	31-2710 CAD I	31-2640 INDUSTRIAL TECH II	31-2640 INDUSTRIAL TECH II	31-2650 HOME MAINTENANCE
	31-2720 CAD II	31-2650 HOME MAINTENANCE	31-2650 HOME MAINTENANCE	31-2710 CAD I
		31-2710 CAD I	31-2710 CAD I	31-2720 CAD II
		31-2720 CAD II	31-2720 CAD II	

TECHNICAL DRAWING/DESIGN I - 31-2510

1 Semester

Credit: 0.50 Practical Art

Grade: 9-12

Prerequisite: None

Technical Drawing/Design I is a pre-engineering, pre-architecture, and pre-design oriented class. This class focuses on the instruction of following: measuring, sketching, lettering, single view drawings, orthographic projection, isometrics, design process (design), and problem solving. This course is recommended for students selecting a career or interested in any field of engineering, architecture, interior design, industrial design, graphic design, construction manufacturing, computer technology or any trade using working drawings. Students will be encouraged to proceed at their own rate with a minimum number of drawings to be completed in each area. Advanced drawings with instruction will be provided for the advanced student.

TECHNICAL DRAWING/DESIGN II - 31-2520

1 Semester

Credit: 0.50 Practical Art

Fee: Yes

Grade: 9-12

Prerequisite: Technical Drawing/Design I

Technical Drawing/Design II builds on the foundation of the beginning level of technical drawing/design I. This course is designed to prepare students interested in and/or intending to pursue a career in architecture, design, engineering, construction, and manufacturing or computer technology field. Students will have review instruction from Technical Drawing/Design I and new instruction in model building, airbrushing, and 3D computer modeling. This level 2 course employs the "Design, Draw, Build" philosophy in Industrial Technology. Students will be encouraged to proceed at their own rate although a minimum number of drawings and projects are to be completed in each area. Advanced drawings with instruction will be provided for the advanced student.

INDUSTRIAL DESIGN AND ENGINEERING I - 31-2530

1 Semester

Credit: 0.50 Practical Art

Fee: Yes

Grade: 10-12

Prerequisite: "C" or better in Technical Drawing/Design II

This course is a continuation of Technical Drawing /Design II both in content and subject area. Students will utilize and expand upon the basic skills that were developed in the earlier courses. This course describes the field of engineering and engineering technology allowing students to explore technology systems and design processes. Students will be asked to "Design, Draw, and Build" a variety of projects that require both previous and recent drafting skills as well as math, science, technology, and writing to solve engineering problems. Industrial Design and Engineering is centered on cooperation and participation by all students. Students must be able to work in groups throughout the semester for extended periods of time. However, this course will require some individual work as well.

INDUSTRIAL DESIGN AND ENGINEERING II - 31-2540

1 Semester

Credit: 0.50 Practical Art

Fee: Yes

Grade: 10-12

Prerequisite: "C" or better in Industrial Design and Engineering

This course is a continuation of Industrial Design and Engineering I. Students will utilize and expand upon the basic skills that were developed in the earlier courses. This course describes the field of engineering and engineering technology allowing students to explore technology systems and design processes. Students will be asked again to "Design, Draw, and Build" a variety of projects that require both previous and recent drafting skills as well as math, science, technology, and writing to solve engineering problems. Industrial Design and Engineering is centered on cooperation and participation by all students. Students must be able to work in groups throughout the semester for extended periods of time. However, this course will require some individual work as well.

ARCHITECTURAL DRAFTING AND DESIGN I - 31-2550

1 Semester

Credit: 0.50 Practical Art

Fee: Yes

Grade: 11-12

Prerequisite: "C" or better in Industrial Design and Engineering II, or Instructor permission

Architectural Drafting and Design I is intended to help students learn the fundamental skills and concepts necessary for architectural planning, designing, and drawing parts of a private dwelling. Students must be able to work in groups as well as individually throughout the course. Students will also have a chance to construct models of their design.

ARCHITECTURAL DRAFTING AND DESIGN II - 31-2560

1 Semester

Credit: 0.50 Practical Art

Fee: Yes

Grade: 11-12

Prerequisite: "C" or better in Architectural Drafting & Design I

Architectural Drafting and Design II is intended to help students learn the fundamental skills and concepts necessary for architectural planning, designing, and drawing parts of commercial and industrial structures. Students must be able to work in groups as well as individually throughout the course. Students will have a chance to construct models of their design. This class includes mandatory participation in the yearly local design competition sponsored by the American Institute of Architects, Toledo Chapter.

INDEPENDENT STUDY IN ENGINEERING DESIGN OR ARCHITECTURAL DESIGN

- 31-2571 - 1st Semester

- 31-2572 - 2nd Semester

Full Year

Credit: 0.50 per semester Practical Art

Grade: 12

Prerequisite: Industrial Design & Engineering II; Architectural Drafting & Design II; with instructors permission

This class is designed to provide the student interested in Architectural Design and Engineering Design-related careers with the knowledge and skills necessary to develop and analyze comprehensive engineering and architectural drawings and designs.

The Architecture Design is a course for the student interested in architecture as a career and also will appeal to the student interested in the building trades and home decorating (interior design). The course combines the drafting and CAD skills from the previous courses with additional knowledge and skills related to architectural design. Students will develop their own floor plans, cross sections, elevations and models of their designs.

The Engineering Design is for students interested in engineering and computer modeling related careers. The course combines the drafting and CAD skills from previous courses with additional knowledge and skills related to the engineering fields. Through the presentation of design-related problems students learn about and create two and three dimensional drawings, wire frames, and solid models.

The students must apply to the sponsoring instructor in one of the areas specified. The nature and detail of the work to be completed by the student must be mutually agreed upon prior to the beginning of the course. This course is only for serious students interested in design, problem solving, and technology of the respective areas.

DESIGN TECHNOLOGY - 2580

1 Semester

Credit: 0.50 Practical Art

Grade: 10-12

Prerequisite: Technical Drawing/Design II

Students will study the basic concepts of product design. Students will learn how to identify and clarify a problem, make an in-depth response and then create and test their solutions. Human-factors engineering and production techniques will be integral to this course. Upon successful completion of the course the student will be better able to identify, design, create, and present solutions to better design. Proficiency with drafting and designing tools, materials, and modeling techniques along with technical writing will let the student produce high quality solutions.

CONSTRUCTION FOUNDATION I - 31-2610

1 Semester

Credit: 0.50 Practical Art

Grade: 9-11

Prerequisite: None

Problem solving skills will be used with activities related to residential construction. Construction projects will include an emphasis on residential framing, basic wiring and plumbing activities. Students will brainstorm, design, construct, and test projects and materials. Students will use hand tools, simple wiring techniques, and various fastening methods when constructing these projects. This class will also help students identify careers in residential construction. Many power tools and machines are used in this class so students must maintain a strong awareness of safety. Students are responsible for having three ring binder and a combination lock. Each student is required to wear pair of OSHA approved safety glasses provided by Penta Career Center in the lab at all times. Due to safety concerns, students are expected to wear appropriate foot ware, no open toed shoes.

CONSTRUCTION FOUNDATION II - 31-2620

1 Semester

Credit: 0.50 Practical Art

Grade: 9 - 11

Prerequisite: "C" or better in Construction Foundation I

Problem solving skills will be used with activities related to residential construction. Construction projects will include an emphasis on residential framing, advanced wiring and plumbing activities, hanging drywall and repairing drywall, and roofing. Students will brainstorm, design, construct, and test projects and materials. Students will use hand tools, simple wiring techniques, and various fastening methods when constructing these projects. This class will also help students identify careers in residential construction. Many power tools and machines are used in this class so students must maintain a strong awareness of safety. Each student is required to wear pair of OSHA approved safety glasses provided by Penta Career Center in the lab at all times. Due to safety concerns, students are expected to wear appropriate foot ware, no open toed shoes.

INDUSTRIAL TECHNOLOGY I - 31-2630

1 Semester

Credit: 0.50 Practical Art

Fee: Yes

Grade: 10-12

Prerequisite: None

Problem solving skills will be used with activities related to basic woodworking. Students will brainstorm, design, construct, and test projects and materials. Projects will include the use hand tools, staining and vanishing methods, and various fastening methods when constructing these projects. Students are responsible for their own materials that exceed the fee for the course. Many power tools and machines are used in this class so students must maintain a strong awareness of safety. Each student is required to wear pair of OSHA approved safety glasses provided by Penta Career Center in the lab at all times. Due to safety concerns, students are expected to wear appropriate foot ware, no open toed shoes.

INDUSTRIAL TECHNOLOGY II - 31-2640

1 Semester /1 period/day

Credit: 0.50 Practical Art

Fee: Yes

Grade: 10-12

Prerequisite: "C" or better in Industrial Technology I

Problem solving skills will be used with activities related to advanced woodworking. Students will brainstorm, design, construct, and test projects and materials. Students are responsible for their own materials that exceed the fee for the course. Students will use hand tools, advanced staining and vanishing methods, and various fastening methods when constructing these projects. Many power tools and machines are used in this class so students must maintain a strong awareness of safety. Due to safety concerns, students are expected to wear appropriate foot ware, no open toed shoes.

HOME MAINTENANCE - 31-2650

1 Semester /1 period/day

Credit: 0.50 Practical Art

Grade: 10-12

Prerequisite: None

****Cannot take this class in conjunction with Construction Foundations I or II****

Students will learn skills that will help them perform various maintenance tasks around the home. Projects and activities will include but not limited to work in the categories of plumbing, electricity, structural repair, cosmetic updating (fixing drywall, painting, and wallpapering) servicing household systems (utilities) and appliance repair. Use of tools and machines are used in this class, so students must maintain a strong awareness of safety. Students are responsible for having three ring binder and a combination lock. Each student is required to wear pair of OSHA approved safety glasses provided by Penta Career Center in the lab at all times. Due to safety concerns, students are expected to wear appropriate foot ware, no open toed shoes.

CAD I - COMPUTER AIDED DRAFTING - 31-2710

1 Semester

Credit: 0.50 Practical Art

Fee: Yes

Grade: 10-12

Prerequisite: Technical Drawing/Design I

Computer Aided Drafting II is the continued process of using computer technology to compose mechanical, engineering, or architectural drawings. Students will first review the current CAD program, and then apply the design process to draw various problems on the CAD system. Using CAD as a professional design and drafting package will provide the tools necessary for creating an entire project, from design to finished drawing.

CAD II - COMPUTER AIDED DRAFTING II - 31-2720

1 Semester

Credit: 0.50 Practical Art

Fee: Yes

Grade: 10-12

Prerequisite: "C" or better in CAD I

Computer Aided Drafting II is the continued process of using computer technology to compose mechanical, engineering, or architectural drawings. Students will first review the current CAD program, and then apply the design process to draw various problems on the CAD system. Using CAD as a professional design and drafting package will provide the tools necessary for creating an entire project, from design

MATHEMATICS CURRICULUM

Students must maintain a "B" or better each semester to remain in Honors and AP classes. Students must also earn a "B" or better each semester to move to the next honors level.

COURSES							
9th Grade	10th Grade		11th Grade		12th Grade		
31-4111/12 ALG I CONCEPTS	31-4111/12 ALG I CONCEPTS	31-4111/12 ALG I CONCEPTS	31-4111/12 ALG I CONCEPTS	31-4111/12 ALG I CONCEPTS	31-4111/12 ALG I CONCEPTS	31-4111/12 ALG I CONCEPTS	31-4111/12 ALG I CONCEPTS
31-4121/22 ALG I APPLICATIONS	31-4211/12 GEOM CONCEPTS	31-4211/12 GEOM CONCEPTS	31-4211/12 GEOM CONCEPTS	31-4211/12 GEOM CONCEPTS	31-4211/12 GEOM CONCEPTS	31-4211/12 GEOM CONCEPTS	31-4211/12 GEOM CONCEPTS
31-4211/12 GEOM CONCEPTS	31-4221/22 GEOM APPLICATIONS	31-4221/22 GEOM APPLICATIONS	31-4221/22 GEOM APPLICATIONS	31-4221/22 GEOM APPLICATIONS	31-4221/22 GEOM APPLICATIONS	31-4221/22 GEOM APPLICATIONS	31-4221/22 GEOM APPLICATIONS
31-4221/22 GEOM APPLICATIONS	31-4231/32 GEOMETRY HONORS	31-4231/32 GEOMETRY HONORS	31-4311/12 ALG II CONCEPTS	31-4311/12 ALG II CONCEPTS	31-4311/12 ALG II CONCEPTS	31-4311/12 ALG II CONCEPTS	31-4311/12 ALG II CONCEPTS
31-4231/32 GEOMETRY HONORS	31-4311/12 ALG II CONCEPTS	31-4311/12 ALG II CONCEPTS	31-4321/22 ALG II APPLICATIONS	31-4321/22 ALG II APPLICATIONS	31-4321/22 ALG II APPLICATIONS	31-4321/22 ALG II APPLICATIONS	31-4321/22 ALG II APPLICATIONS
	31-4321/22 ALG II APPLICATIONS	31-4321/22 ALG II APPLICATIONS	31-4331/32 HONORS ALGEBRA II	31-4331/32 HONORS ALGEBRA II	31-4331/32 HONORS ALGEBRA II	31-4411/12 INTRO COLLEGE MATH	31-4411/12 INTRO COLLEGE MATH
	31-4331/32 HONORS ALGEBRA II	31-4331/32 HONORS ALGEBRA II	31-4421/22 PRECALCULUS	31-4421/22 PRECALCULUS	31-4421/22 PRECALCULUS	31-4421/22 PRECALCULUS	31-4421/22 PRECALCULUS
			31-4431/32 H PRECALCULUS	31-4431/32 H PRECALCULUS	31-4431/32 H PRECALCULUS	31-4431/32 H PRECALCULUS	31-4431/32 H PRECALCULUS
			31-4521/22 CALCULUS	31-4521/22 CALCULUS	31-4521/22 CALCULUS	31-4521/22 CALCULUS	31-4521/22 CALCULUS
			31-4531/32 H CALCULUS	31-4531/32 H CALCULUS	31-4531/32 H CALCULUS	31-4531/32 H CALCULUS	31-4531/32 H CALCULUS

ALGEBRA I CONCEPTS - 31-4111 - 1st Semester - 31-4112 - 2nd Semester

Full year **Credit:** 0.50 per semester **Grade:** 9 - 12
Prerequisite: "D" or "F" in Integrated 8 or "C" with teacher recommendation

Algebra I Concepts is a course that incorporates the 9th grade benchmarks of the Ohio Department of Education Standards. The first semester of the course focuses on signed numbers, proportions and percents, solving graphing linear equations, solving inequalities, systems of equations, and basic functions.

The second semester focuses on exponents and exponential functions; polynomials and factoring; radical expressions, basic trig ratios, probability, and quadratic.

**This course does not meet NCAA eligibility core course requirements.

ALGEBRA I APPLICATIONS - 31-4121 - 1st Semester - 31-4122 - 2nd Semester

Full year **Credit:** 0.50 per semester **Grade:** 9
Prerequisite: "A" or "B" Integrated 8 or "C" in Integrated 8 with teacher recommendation

Algebra I Applications is a course that incorporates the 9th grade benchmarks of the Ohio Department of Education Standards. The first semester focuses on signed numbers; percents; solving linear equations, inequalities, and systems of equations, and functions.

The second semester focuses on graphing linear equations, solving systems by graphing, exponents, polynomials, factoring, and introduction to quadratic equation, radicals, Pythagorean Theorem, probability, and trigonometry.

GEOMETRY CONCEPTS - 31-4211 - 1st Semester - 31-4212 - 2nd Semester

Full year **Credit:** 0.50 per semester **Grade:** 9-12
Prerequisite: Algebra I Concepts

This course is designed to incorporate benchmarks included on the Ohio Department of Education Standards. In the first semester, a great deal of time is spent working with the basic elements of plane geometry. Triangle and quadrilateral properties are studied thoroughly in order to cover all relationships involved.

Second semester course time is spent studying ratio, proportions and similarity of figures and covers circle relationships thoroughly. Area and volume of two and three-dimensional figures are covered. Constructions are a hands-on culmination of these relationships and polygons.

**This course does not meet NCAA eligibility core course requirements.

GEOMETRY APPLICATIONS - 31-4221 - 1st Semester - 31-4222 - 2nd Semester

Full year **Credit:** 0.50 per semester **Grade:** 9-12
Prerequisite: Algebra I Applications or "A" in Algebra I Concepts with teacher recommendation

This course is designed to incorporate benchmarks included on the Ohio Department of Education Standards. In the first semester, a great deal of time is spent working with deductive proofs. Triangle and quadrilateral properties are studied thoroughly so as to get all relationships involved. An introduction to the concepts of geometric constructions is established.

Second semester course time is spent studying ratio, proportions and similarity of figures and covers circle relationships thoroughly. Area and volume of two and three-dimensional figures are covered. Constructions are a hands-on culmination of these relationships and polygons.

HONORS GEOMETRY - 31-4231 - 1st Semester**- 31-4232 - 2nd Semester****Full year****Credit:** 0.50 per semester**Grade:** 9-10**Prerequisite:** "A" or "B" in Algebra 8 or "A" in Algebra Applications with teacher recommendation.

This course is designed to incorporate benchmarks included on the Ohio Department of Education Standards. Geometry Honors is a combination of the basic elements of Plane Geometry and Analytic Geometry. An extensive period of time will be devoted to deductive proofs in order to develop the relationships among the sides and angles of plane figures. Experimentation and inductive reasoning will be used to supplement the development of geometric relationships.

In the second semester, the class will do constructions as a hands-on culmination of these relationships and polygons.

ALGEBRA II CONCEPTS - 31-4311 - 1st Semester**- 31-4312 - 2nd Semester****Full year****Credit:** 0.50 per semester**Grade:** 10-12**Prerequisite:** Algebra I Concepts and Geometry Concepts.

In the first semester of the course, the techniques of Algebra are developed through the study of the structure of the real number system. Initially, the basic concepts of Algebra, including operations and properties of real complex numbers and solving equations are reviewed. Additional topics include inequalities, linear equations, functions and matrices. In the second semester, students will work with conic sections, exponential, logarithmic functions and solve higher order equations. A graphing calculator is required for this course, preferably the TI 83 Plus or the TI84.

**This course does not meet NCAA eligibility core course requirements.

ALGEBRA II APPLICATIONS - 31-4321 - 1st Semester**- 31-4322 - 2nd Semester****Full year****Credit:** 0.50 per semester**Grade:** 10-12**Prerequisite:** Algebra I Applications and Geometry Applications or "A" in Geometry Concepts with teacher recommendation.

In the first semester of the course, the techniques of Algebra are developed through the study of the structure of the real number system. Initially, the basic concepts of Algebra, including operations and properties of real complex numbers and solving equations are reviewed. Additional topics include inequalities, linear equations, functions, polynomials, and matrices. In the second semester, students will continue to explore the complex number system. Greater emphasis is placed on solving and graphing higher order equations. Students will work with conic sections, exponential and logarithmic functions and rational expressions. A graphing calculator is required for this course, preferably the TI 83 Plus or the TI84

HONORS ALGEBRA II - 31-4331 - 1st Semester**- 31-4332 - 2nd Semester****Full year****Credit:** 0.50 per semester**Grade:** 10-11**Prerequisite:** "B" or better in Honors Geometry or "A" in Geometry Applications with teacher recommendation.

Honors Algebra II is designed for the student with high math abilities. The first semester covers a basic review of Algebra I concepts, explores the solution of higher order equations and covers extensively the use of matrices in solving linear systems.

Topics covered in second semester include powers and roots, exponential and logarithmic functions, rational equations, analytic geometry, sequences and series and trigonometric functions. A graphing calculator is required for this course, preferably the TI 83 Plus or the TI84.

INTRODUCTION TO COLLEGE MATHEMATICS - 31-4411 - 1st Semester**- 31-4412 - 2nd Semester****Full year****Credit:** 0.50 per semester**Grade:** 12**Prerequisite:** Algebra II Concepts, or a "C" or "D" in Algebra II Applications, or "C" or "D" in Precalculus

First semester students will review many of the topics covered in Algebra II including linear and quadratic functions, polynomial functions, inequalities, functions, exponents and logarithms.

Second semester students will cover trigonometric functions, trigonometric equations, triangle trigonometry, matrices and analytic geometry. A graphing calculator is required

PRECALCULUS - 31-4421 - 1st Semester**- 31-4422 - 2nd Semester****Full year****Credit:** 0.50 per semester**Grade:** 11-12**Prerequisite:** "B" or better in Algebra II Applications, "C" with teacher recommendation.

First semester, students will cover trigonometric functions, equations, and graphs, triangle trigonometry, trigonometry identities, applications of trigonometry, Law of Sines and Law of Cosines, polar coordinates, and vectors in 2 – and 3 – dimensions.

Second semester, students will cover functions and their graphs, systems of equations, matrices, quadratic functions, complex numbers, exponential and logarithmic functions, sequences and series, probability, limits and an introduction to calculus. A graphing calculator is required for this course, preferably the TI 83 Plus or the TI84.

HONORS PRECALCULUS - 31-4431 - 1st Semester
- 31-4432 - 2nd Semester

Full year **Credit:** 0.50 per semester **Grade:** 11-12
Prerequisite: "B" or better in Honors Algebra II or "A" in Algebra II Applications or Precalculus with teacher recommendation

First semester, students will cover trigonometric functions, equations, and graphs, inverse trigonometric functions, triangle trigonometry, trigonometry addition formulas and identities, applications of trigonometry, Law of Sines and Law of Cosines, polar coordinates, and vectors in 2 – and 3 – dimensions, functions and their graphs, systems of equations, and matrices.

Second semester, students will cover quadratic and higher functions and their graphs, complex numbers, exponential and logarithmic functions, sequences and series, probability, limits, derivatives, and basic integrals. A graphing calculator is required for this course, preferably the TI 83 Plus or the TI84.

HONORS CALCULUS - 31-4521 - 1st Semester
- 31-4522 - 2nd Semester

Full year **Credit:** 0.50 per semester **Grade:** 11-12
Prerequisite: Precalculus, or "C" in Honors Precalculus, "A" or "B" in Honors Precalculus with teacher recommendation

This class is meant to prepare students to succeed in calculus during their first year of college. It is not meant to help students earn college credit, but to give students a strong foundation in calculus. Topics covered first and second semester are limits and their properties, differentiation, applications of differentiation, integration, logarithmic, transcendental functions, applications of integration and methods of integration. A graphing calculator is required for this course, preferably the TI 83 Plus or the TI84.

AP CALCULUS AB - 31-4531 - 1st Semester
- 31-4532 - 2nd Semester

Full year **Credit:** 0.50 per semester **Grade:** 11-12
Prerequisite: "B" or better in Honors Pre-Calculus

Students who sign up for AP Calculus AB should do so with the intention of placing out of a comparable college calculus course. It is highly recommended for students to have completed four years of high school honors mathematics courses (Algebra I, Honors Geometry, Honors Algebra II, and Honors Precalculus) before taking AP Calculus AB. The College Board curriculum is closely followed by covering analysis of graphs, limits of functions, asymptotic and unbounded behavior, continuity as a property of functions, concept of the derivative, derivative at a point, derivative as a function, second derivatives, applications of derivatives, computation of derivatives, interpretations and properties of definite integrals, applications of integrals, Fundamental Theorem of Calculus, Techniques of antidifferentiation, applications of antiderivatives, and numerical approximations to definite integrals. A graphing calculator is required for this course, preferably the TI 83 Plus or the TI84, and/or any calculator permitted on the AP exam.

MUSIC CURRICULUM

COURSES

9th Grade		10th Grade		11th Grade		12th Grade	
31-0511	FRESHMEN GIRLS' CHOIR	31-0521	MEN'S CHOIR	31-0521	MEN'S CHOIR	31-0521	MEN'S CHOIR
31-0512	FRESHMEN GIRLS' CHOIR	31-0522	MEN'S CHOIR	31-0522	MEN'S CHOIR	31-0522	MEN'S CHOIR
31-0521	MEN'S CHOIR	31-0531	WOMEN'S CHOIR	31-0531	WOMEN'S CHOIR	31-0531	WOMEN'S CHOIR
31-0522	MEN'S CHOIR	31-0532	WOMEN'S CHOIR	31-0531	WOMEN'S CHOIR	31-0531	WOMEN'S CHOIR
31-0551	CLOSE HARMONY	31-0541	CONCERT CHOIR	31-0531	WOMEN'S CHOIR	31-0531	WOMEN'S CHOIR
31-0552	CLOSE HARMONY	31-0542	CONCERT CHOIR	31-0542	CONCERT CHOIR	31-0542	CONCERT CHOIR
31-0611/12	CONCERT BAND	31-055	CLOSE HARMONY	31-0551	CLOSE HARMONY	31-0551	CLOSE HARMONY
31-0621/22	SYMPHONIC BAND	31-0552	CLOSE HARMONY	31-0552	CLOSE HARMONY	31-0552	CLOSE HARMONY
		31-0611/12	CONCERT BAND	31-0611/12	CONCERT BAND	31-0611/12	CONCERT BAND
		31-0621/22	SYMPHONIC BAND	31-0621/22	SYMPHONIC BAND	31-0621/22	SYMPHONIC BAND
		31-0710	MUSIC APPRECIATION	31-0710	MUSIC APPRECIATION	31-0710	MUSIC APPRECIATION
		31-0720	MUSIC THEORY	31-0720	MUSIC THEORY	31-0720	MUSIC THEORY

FRESHMEN GIRLS' CHOIR - 31-0511 - 1st Semester

1 Semester

Credit: 0.50 Fine Art

Grade: 9

Prerequisite: None

All 9th grade female choir members should sign up for this class. Freshman Girls' Choir offers basic vocal production and focuses on singing three-part harmony. The girls will learn music written specifically for women's voices. The Freshman Girls' Choir will perform in the fall Variety Show and the Winter/Holiday Concert or Madrigal Dinner in December. Music of many styles and genres will be studied. There will be minimal rehearsal time outside of class and only two evening performances during the semester! Freshman Girls' Choir is a performance class and there is little or no homework or written work. There are rarely conflicts with other school activities or sports. Girls are encouraged to sign up for both semesters.

FRESHMEN GIRLS' CHOIR - 31-0512 - 2nd Semester

1 Semester

Credit: 0.50 Fine Art

Grade: 9

Prerequisite: None

All 9th grade female choir members should sign up for this class. Picking up where first semester left off, the second semester offers more vocal training, and two performances. The girls will perform in the OMEA District 1 solo/ensemble competition and the spring concert. There will be only one rehearsal after school hours and two evening or afternoon performances! The girls will perform in the "medley" portion of the Spring Concert. This will require a sense of working as a team and some "choreography" skills that the girls create themselves. Music of many styles and genres will be presented. This is a performance class and there is little or no homework or written work. Attendance at performances is mandatory. There are rarely conflicts with other school activities or sports.

MEN'S CHOIR - 31-0521 - 1st Semester

1 Semester

Credit: 0.50 Fine Art

Grade: 9-12

Prerequisite: None

All 9th grade Male choir members should sign up for this class as well as upperclassmen who are singing for the first time. Men's Choir is designed for high school guys who enjoy singing. From Weird Al to Straight No Chaser, the harmony of men's voices appeals to audiences worldwide. Guys will learn music written specifically for male voices. The class will perform in the fall Variety Show, and the Winter/Holiday Concert or Madrigal Dinner. Music of many styles and genres will be presented. There will be minimal rehearsal time outside of class and only two evening performances during the semester. This is a "performance" class and there is little or no homework or written work. Attendance at performances is mandatory. There are rarely conflicts with other school activities or sports. Men are encouraged to sign up for both semesters.

MEN'S CHOIR - 31-0522 - 2nd Semester

1 Semester

Credit: 0.50 Fine Art

Grade: 9-12

Prerequisite: None

All 9th grade Male choir members should sign up for this class as well as upperclassmen who are singing for the first time. Picking up where first semester left off, the second semester offers more vocal training, and two performances. The men will perform in the OMEA District 1 solo/ensemble competition as a group. The second performance will be the spring concert in May. There will be only one rehearsal after school hours and evening or afternoon performances. The men will perform in the "medley" portion of the Spring Concert which will require a sense of humor and some "choreography" skills that the guys create themselves. Music of many styles and genres will be presented. This is a "performance" class and there is little or no homework or written work. Attendance at performances is mandatory. There are rarely conflicts with other school activities or sports.

WOMEN'S CHOIR - 31-0531 - 1st Semester

1 Semester

Credit: 0.50 Fine Art

Grade: 10-12

Prerequisite: None

Women's' Choir is designed to train female voices and teach them to sing three to four part harmony. Focusing on the female sound, this class will help girls gain confidence and continue vocal training already established. The fall Women's Choir will perform at the fall Variety Show as well as the Winter/Holiday Concert or Madrigal Dinner. Music of many styles and genres will be studied. There will be minimal rehearsal time outside of class as well as a minimum of two evening performances during the semester. This is a "performance" class and there is little or no homework or written work. There are rarely conflicts with other school activities or sports. Women are encouraged to sign up for both semesters.

WOMEN'S CHOIR - 31-0532 - 2nd Semester

1 Semester

Credit: 0.50 Fine Art

Grade: 10-12

Prerequisite: None

Second semester Women's' Choir builds on level attained during the first semester. Sophomore, junior and senior girls will attend the OMEA District 1 Solo/Ensemble competition early in the semester. The Choir will also perform in the Spring Concert in May. Music of many styles and genres will be presented. The women will also create their own presentation in the medley portion of the Spring Concert. This is a "performance" class and there is little or no homework or written work. Attendance at performances is mandatory. There are rarely conflicts with other school activities or sports. Women are encouraged to sign up for both semesters.

CONCERT CHOIR - 31-0541 - 1st Semester

1 Semester

Credit: 0.50 Fine Art

Grade: 10-12

Prerequisite: Audition

Concert Choir is open to junior and senior girls and boys and select sophomore boys. The Concert Choir represents the best of the vocal students at AWHs. Performing music in four to eight parts, the Concert Choir will perform in the Fall Variety Show and the Winter/Holiday Concert or Madrigal Dinner. Students will learn to sight-read new music parts, and perform at a high level. Students who have never been in choir, yet possess musical talent in piano, voice guitar, and other instruments, are highly encouraged to audition. Music of many styles and genres will be presented. This is a "performance" class and there is little or no homework or written work. Attendance at performances is mandatory. There are rarely conflicts with other school activities or sports. Admission is by placement audition. ALL Concert Choir students are encouraged to sign up for both semesters.

CONCERT CHOIR - 31-0542 - 2nd Semester

1 Semester

Credit: 0.50 Fine Art

Grade: 10-12

Prerequisite: Audition

Concert Choir is open to junior and senior girls and boys and select sophomore boys. The Concert Choir represents the best of the vocal students at AWHs. Performing music in four to eight parts, the Concert Choir will perform in smaller ensembles at the OMEA District 1 Solo/Ensemble event for a rating. Students will also continue to improve sight-read skills, and will perform in the Spring Concert in May. Music of many styles and genres will be studied. This is a "performance" class and there is little or no homework or written work. Attendance at performances is mandatory. There are rarely conflicts with other school activities or sports. Admission is by placement audition. ALL Concert Choir students are encouraged to sign up for both semesters.

CLOSE HARMONY VOCAL JAZZ - 31-0551 - 1st semester

- 31-0552 - 2nd semester

Full year

Credit: 0.50 per semester Fine Art

Grade: 9-12

Prerequisite: Audition

Vocal jazz is cool, yet HIGHLY challenging. Students will be required to learn the history of jazz, and be willing to meet the challenges of singing extended chords. Students must be willing to take responsibility in learning their vocal parts and spend time in occasional after school rehearsals, clinics, and workshops. There will also be required performances during and after school hours. Attendance at performances is mandatory. Students who audition should possess a fine sense of pitch and tuning skills as well as excellent rhythm skills, and be willing to perform as a soloist. There will be some individual instruction as well as homework, tests, and quizzes. Students will need to sign up for **BOTH** semesters.

CONCERT BAND - 31-0601 - 1st Semester
- 31-0602 - 2nd Semester

Full year
Prerequisite: None

Credit: 0.50 per semester Fine Art

Grade: 9-12

All 9th grade band members should enroll in this class. The emphasis in Concert Band is a continuation of the fundamental playing techniques for the young musician. Several styles of musical literature will be performed. This band, along with the other bands, will function as the marching band for the first quarter. Band activities will include concerts, festivals, and adjudicated events throughout the school year. Attendance for performances and after school rehearsals is mandatory. Band members will be eligible to audition for Jazz, Pit, and Pep Bands.

***Students who participate in a Fall sport should schedule a meeting with the director, counselor, and administrator to discuss options and develop a plan for participation.**

SYMPHONIC BAND - 31-0611 - 1st Semester
- 31-0612 - 2nd Semester

Full year
Prerequisite: Audition

Credit: 0.50 per semester Fine Art

Grade: 9-12

Membership is achieved by formal audition. The emphasis in Symphonic Band is reinforcement of correct playing techniques for the developing musician. Several styles of musical literature will be performed. This band, along with the other bands, will function as the marching band for the first quarter. Symphonic band activities will include concerts, festivals, and adjudicated events throughout the school year. Attendance for performances and after school rehearsals is mandatory. Band members will be eligible to audition for Jazz, Pit and Pep Bands.

***Students who participate in a Fall sport should schedule a meeting with the director, counselor, and administrator to discuss options and develop a plan for participation.**

SYMPHONIC WINDS - 31-0621 - 1st Semester
- 31-0622 - 2nd Semester

Full year
Prerequisite: Audition

Credit: 0.50 per semester Fine Art

Grade: 9-12

Membership is achieved by formal audition. Symphonic Winds is the most advanced instrumental ensemble of the high school bands and requires excellent musical skills as well as individual practice. Many styles of musical literature will be performed. This band, along with the other bands, will function as the marching band for the first quarter. Symphonic Winds activities will include concerts, festivals, and adjudicated events throughout the school year. Attendance for performances and after school rehearsals is mandatory. Band members will be eligible to audition for Jazz, Pit and Pep Bands.

***Students who participate in a Fall sport should schedule a meeting with the director, counselor, and administrator to discuss options and develop a plan for participation.**

MUSIC APPRECIATION - 31-0710

1 Semester
Prerequisite: None

Credit: 0.50 Fine Art

Grade: 10-12

Music appreciation is a study of many types of music and musical expression. Areas to be studied include the history of music from the earliest forms through modern music. In-depth study of specific musicians will occur for each era of music covered. Students will also learn about sound recording and various music careers.

MUSIC THEORY/COMPOSITION - 31-0720

1 Semester

Credit: 0.50 Fine Art

Grade: 10-12

Prerequisite: Band, Choir or at least 2 years of private study (with a qualified instructor) on piano, voice or other instrument.

Are you interested in music? Do you feel you are the next Bob Dylan or J.S. Bach? Are you looking for an opportunity to enhance your musical skills using the latest musical technology? Then this is the course for you! This course will cover a variety of musical skills including chord progressions, orchestration and composition in various formats from traditional to contemporary. Students will be able to print out, on musical notation, their compositions as well as hear their work via computer synthesizers.

PHYSICAL EDUCATION AND HEALTH CURRICULUM

The Anthony Wayne High School physical education program, in compliance with Title IX legislation, is a coeducational program. The aims of the program are to emphasize physical fitness and to provide the leadership and facilities that will allow the student to participate in activities that are physically wholesome, mentally stimulating, and socially sound. The courses include individual and team sports, and physical fitness testing. Students are taught fundamentals, rules, and strategies. All high school students are required to earn 1/2 credit in physical education.

COURSES							
9th Grade		10th Grade	11th Grade	12th Grade			
31-7000	HEALTH	31-7110	GIRLS CO-ED P.E.	31-7310	GIRLS ADV CO-ED P.E.	31-7310	GIRLS ADV CO-ED P.E.
31-7110	GIRLS CO-ED P.E.	31-7120	BOYS CO-ED P.E.	31-7320	BOYS ADV CO-ED P.E.	31-7320	BOYS ADV CO-ED P.E.
31-7120	BOYS CO-ED P.E.			31-7410	GIRLS LIFETIME FITNESS	31-7410	GIRLS LIFETIME FITNESS
				31-7420	BOYS LIFETIME FITNESS	31-7420	BOYS LIFETIME FITNESS
				31-7510	GIRLS GENERALS POWER	31-7510	GIRLS GENERALS POWER
				31-7520	BOYS GENERALS POWER	31-7520	BOYS GENERALS POWER

HEALTH - 31-7000

1 Semester

Credit: 0.50

Grade: 9

Prerequisite: None

Health is designed to provide the student with the knowledge necessary to understand student growth and health needs now and in the future. The subjects covered are personality and mental health, systems of the body, protection against diseases, wellness, community health, nutrition, human sexuality and illegal/misused drugs. This course is a state requirement for graduation.

9TH and 10th GRADE CO-ED P.E. - GIRLS - 31-7110

- BOYS - 31-7120

1 Semester

Credit: 0.25

Grade: 9 - 10

Prerequisite: None

Anthony Wayne High School Physical Education program is designed to provide students with the skills and knowledge necessary to maintain a high level of personal fitness. Lifetime sports will be stressed. Leadership, teamwork, and sportsmanship will be emphasized.

ADVANCED CO-ED P.E. - GIRLS - 31-7310

- BOYS - 31-7320

1 Semester

Credit: 0.25

Grade: 11-12

Prerequisite: "A" in previous physical education class.

Advanced Co-ed P.E. is a course designed for juniors and seniors who wish to continue to take physical education on an elective basis after fulfilling the physical education requirement. This course allows students to develop recreational skills, which carry over into adult leisure time activities. Class size will be limited. Priority will be given to seniors. If selected, students are allowed one semester of Advanced Co-ed P.E.

LIFETIME FITNESS - GIRLS - 31-7410

- BOYS - 31-7420

1 Semester

Credit: 0.25

Grade: 11-12

Prerequisite: "A" in previous physical education class.

Lifetime Fitness is a course designed for juniors and seniors who are interested in improving their physical conditions and gaining knowledge of the latest and most accepted forms of aerobic and anaerobic exercises. The course will spend significant time dealing with issues of general health and inform students on how to make healthier lifestyle choices. Aerobic and anaerobic exercise will comprise the physical portion of this course that along with discussion topics will lead to a more physically fit individual. Class size will be limited and priority will be given to seniors.

GENERALS POWER - STRENGTH AND CONDITIONING CLASS - GIRLS - 31-7510
- BOYS - 31-7520

Block Schedule

Credit: 0.50

Grades 10-12

Prerequisite: "A" in previous physical education class and a coach or Physical Education Instructor recommendation.

This course is designed to be a high level, high intensity fitness class. All students will participate in a total conditioning program. Students will learn proper lifting and spotting techniques, weight room safety, flexibility, plyometric, agility, and endurance training, speed and performance enhancement, and mental preparation for competition. This is an advanced course and only students serious about improving their fitness level should sign up. (This is an elective class and will not count toward Physical Education credit for high school graduation.)

SCIENCE CURRICULUM

A student in an honors class earning less than a "B" at the quarter may be given the option to move to a regular level course if a course is available. Students must also earn a "B" or better each semester to move to the next honors level.

The Science Department strongly recommends that prospective Science or Engineering majors enroll in as many upper level science classes as possible.

A lab fee is charged for science classes.

Block Schedule - 2 periods per day
- 1 semester

Impact chemical splash goggles with indirect vents are required for all science classes. Each student must have his/her own goggles. Students may use the goggles purchased in our junior high school. New ones are available at the cashier's office.

Three science credits are required for graduation; one must be a biological science, one must be a physical science.

COURSES

9th Grade	10th Grade	11th Grade	12th Grade
31-5110 PHYS/EARTH SCIENCE CONC	31-5210 BIOLOGY CONCEPTS	31-5320 ANATOMY/PHYSIOLOGY	31-5320 ANATOMY/PHYSIOLOGY
31-5120 PHYS/EARTH SCIENCE APP	31-5220 BIOLOGY APPLICATIONS	31-5330 H ANATOMY/PHYSIOLOGY	31-5330 H ANAT/PHYSIOLOGY
31-5130 HONORS PHYS/EARTH SCIENCE	31-5230 HONORS BIOLOGY	31-5420 CHEMISTRY I	31-5420 CHEMISTRY I
	31-5320 ANATOMY/PHYSIOLOGY	31-5425 HONORS CHEMISTRY I	31-5425 HONORS CHEMISTRY I
	31-5330 H ANATOMY/PHYSIOLOGY	31-5430 HONORS CHEMISTRY II	31-5430 HONORS CHEMISTRY II
	31-5425 HONORS CHEMISTRY I	31-5440 AP CHEMISTRY	31-5440 AP CHEMISTRY
		31-5520 PHYSICS	31-5520 PHYSICS
		31-5530 AP PHYSICS	31-5530 AP PHYSICS
		31-5601/02 GEOLOGY	31-5601/02 GEOLOGY
		31-5611/12 ENVIRO SCIENCE	31-5611/12 ENVIRO SCIENCE
		31-5620 APPLIED PHYSICS	31-5620 APPLIED PHYSICS
		31-5630 ZOOLOGY	31-5630 ZOOLOGY
		31-5650 MICROBIOLOGY	31-5650 MICROBIOLOGY
		31-5660 BOTANY	31-5660 BOTANY
		31-5670 MARINE MISSION	31-5670 MARINE MISSION

PHYSICAL/EARTH SCIENCE CONCEPTS - 31-5110

Block Schedule

Credit: 1.0 Physical Science

Fee: Yes

Grade: 9

Prerequisite: "D" or "F" in Science 8 or "C" with teacher recommendation

Integrated Science is an introductory course that incorporates the Ohio Department of Education Standards benchmarks for physical, Earth, and space sciences. Topics covered include forces and motion, atomic structure and chemical reactions, and the dynamics of the Earth. Students should master these topics as they prepare for the OGT. There are numerous experiments and hands-on activities related to the various concepts explored.

**This course does not meet NCAA eligibility core course requirements.

PHYSICAL/EARTH SCIENCE APPLICATIONS - 31-5120

Block Schedule

Credit: 1.0 Physical Science

Fee: Yes

Grade: 9

Prerequisite: "A" or "B" in Science 8 or "C" with teacher recommendation

Physical/Earth Science addresses the various aspects of physical, Earth, and space sciences and the benchmarks for the Ohio Department of Education Standards. It is designed for those students with average interest in science that plan to attend college after high school graduation. There is a large range of laboratory exercises related to the concepts presented.

HONORS PHYSICAL/EARTH SCIENCE - 31-5130

Block Schedule

Credit: 1.0 Physical Science

Fee: Yes

Grade: 9

Prerequisite: "A" or "B" in Honors Science 8 or "A" in Regular Science 8 and teacher recommendation.

Honors Physical/Earth Science is designed for the highly ability, college bound student with a keen interested in science and high ability in math. Labs are in the nature of investigation and the student centered inquiry method is emphasized. Students in Honors Physical/Earth Science are expected to use initiative and to be self-motivated. A major term paper is required.

BIOLOGY CONCEPTS - 31-5210

Block Schedule

Credit: 1.0 Biological Science

Fee: Yes

Grade: 10

Prerequisite: Physical/Earth Science Concepts.

Biology Concepts is a course that introduces students to living things and the factors affecting them. Language is kept simple technical terminology is kept minimal. Topics covered include cells and their structure/function, ecology, genetics and heredity, classification, and evolution. Learning activities may include microscopic studies, general laboratory work, introductory lab reports, dissection, and the use of the nature trail as a learning lab.

**This course does not meet NCAA eligibility core course requirements.

BIOLOGY APPLICATIONS - 31-5220

Block Schedule

Credit: 1.0 Biological Science

Fee: Yes

Grade: 10

Prerequisite: "C" or higher in Physical/Earth Science Applications or "D" in Physical/Earth Science Applications or "A" in Physical/Earth Science Concepts and teacher recommendation.

Biology introduces the student to a systematic study of living things and life processes. Topics include cell structure and function, cellular processes, ecology, genetics, classification, and evolution. A wide range of activities include laboratory work, written reports, microscopic studies, dissections, and modeling of concepts. The nature trail may also be used as a land laboratory.

HONORS BIOLOGY - 31-5230

Block Schedule

Credit: 1.0 Biological Science

Fee: Yes

Grade: 10

Prerequisite: "A" or "B" in Honors Physical/Earth and "A" in Physical/Earth Science Applications and teacher recommendation.

This course is designed for the high ability, college bound student with a keen interest in the biological sciences. The course emphasizes a molecular approach to biology. Areas of study include cell theory, process, and function; genetics; and animal and plant kingdoms. Some areas of study incorporate chemical as well as biological aspects. Labs are in the nature of investigations and the student centered inquiry method is emphasized. Written lab reports are required. Dissections are more in depth and more numerous than in Biology. A major term paper is required. There are seminars on current science topics. Students in Honors Biology are expected to use initiative and to be self-motivated.

ANATOMY AND PHYSIOLOGY - 31-5320

Block Schedule

Credit: 1.0 Biological Science

Fee: Yes

Grade: 10-12

Prerequisite: "C" or better in Biology Applications or "A" or "B" in Biology Concepts and teacher recommendation.

Physiology is a course designed to investigate the structure and function of the human body. Students entering Physiology should have well-developed reading skills. The vocabulary in the text is advanced and technical. A large percentage of the laboratory work is dedicated to the dissection of the various organ systems of the cat. Four practical examinations on the cat are given during the semester. Other laboratory exercises include microscopic studies of tissue slides, in depth studies of the skeleton and individual bones of the human body, blood typing, and blood smears, blood pressure determinations under varying conditions, heart monitoring, and urinalysis. Quarterly reports using current scientific literature are required.

HONORS ANATOMY AND PHYSIOLOGY - 31-5330

Block Schedule

Credit: 1.0 Biological Science

Fee: Yes

Grade: 10-12

Prerequisite: "B" or better in Biology Honors or "A" in Biology Applications and teacher recommendation.

Honors Physiology is designed for the self-motivated student having a keen interest in biological science and who plans to study biological science or a related field at an accredited university. Students will study the same topics as those in regular Physiology. Additional details and extended times will be spent on the various organ systems. A research paper involving human disease is required.

CHEMISTRY I - 31-5420

Block Schedule

Credit: 1.0 Physical Science

Fee: Yes

Grade: 11-12

Prerequisite (Grade: 11): "B" or better in Biology Applications or Honors Biology or "A" in Biology Concepts.

***Co-requisite (Grade: 11):** Algebra II Applications.

Prerequisite (Grade: 12): "B" or better in Algebra II Applications or "A" in Algebra II Concepts and "B" or better in Biology Applications or Honors Biology or a "A" in Biology Concepts.

Chemistry I is a lab oriented study of matter and its behavior, metric system, dimensional analysis, density, physical and chemical properties of matter, nomenclature, reaction chemistry, stoichiometry and gas laws. Due to potentially hazardous experiments, students must demonstrate an ability to follow directions and conduct themselves appropriately in a laboratory situation. Grades are achieved through homework assignments, quizzes, unit tests, and lab reports. State law requires that students in chemistry laboratories in public schools wear industrial and quality eye protection. If you wear prescription glasses, you MUST still wear goggles. Contact lenses are dangerous in the laboratory due to their difficulty of removal if an accident should occur. Students going into any health related field, including 2 year nursing programs, should take this course.

HONORS CHEMISTRY I - 31-5425**Block Schedule****Credit:** 1.0 Physical Science**Fee:** Yes**Grade:** 10-12**Prerequisite:** A minimum grade of "A" in both Algebra II Applications and Biology Applications or "B" or better in Honors Biology.***Co-requisite (Grade: 10):** Algebra II Honors.

This course is designed to help prepare students who maybe interested in taking AP Chemistry. Students in this class are expected to do independent thinking and learning. This course is intended for students interested in pursuing and education at a four-year institution and majoring in a science related field, such as pharmacy, engineering, chemistry etc. The student will be offered a more in depth look at core chemistry content and exposes them to more advanced topics and problems. Students will be required to keep a laboratory notebook and do formal laboratory reports. State law requires that students in chemistry laboratories in public schools wear industrial and quality eye protection. If you wear prescription glasses, you MUST still wear goggles. Contact lenses are dangerous in the laboratory due to their difficulty of removal if an accident should occur.

AP CHEMISTRY - 31-5440**Full year – 1 Period per day****Credit** 1.0 Physical Science**Fee:** Yes**Grade** 11-12**Students who have already taken Honors Chemistry II may not take AP Chemistry****Prerequisite:** A minimum grade of a "B" in Honors Chemistry I or an "A" in Chemistry I and teacher recommendation.

This course is intended to meet the requirements of a first year college chemistry course. In May the students have the opportunity to take the AP Examination with the possibility of earning college credit based on their score. There is a fee to take the AP Examination and students are encouraged to participate, but it is not requirement to pass the class. Due to the fast paced nature of the course, students who enroll need to be highly motivated and posses good study habits to do well. The course offers a more in depth study of higher-level chemistry, such as equilibrium, them chemistry, electrochemistry, and organic chemistry. A summer assignment is required. Advanced laboratory techniques and safety are emphasized due to students handling potentially dangerous chemicals. Students are required to maintain a laboratory notebook and purchase a laboratory manual. State law requires that students in chemistry laboratories in public schools wear industrial and quality eye protection. If you wear prescription glasses, you MUST still wear goggles. Contact lenses are dangerous in the laboratory due to their difficulty of removal if an accident should occur.

**APPLIED PHYSICS - 31-5621 - 1st Semester
- 31-5621 - 2nd Semester****Full year – 1 Period per day****Credit** 1.0 Physical Science**Fee:** Yes**Grade** 11-12**Prerequisite:** "B" or better in Algebra I Applications or "A" in Algebra I Concepts and Biology Applications or Biology Concepts.

Physics is the study of matter and energy and their interactions. This General Physics course is designed to teach students general Newtonian physics, atomic structure and wave theory concepts, develop the students' analytical, problem solving, and laboratory skills and integrate math, science and technology. General Physics is a conceptual based approach to physics. There are some algebra-based explanations and problems. This course targets students needing or wanting more science, for the proficiency, for college/trade school admission, or preparation for higher-level high school science classes such as chemistry or physics. Grades for the class are based on homework, labs, tests, quizzes and class participation. A calculator is required for this course.

PHYSICS - 31-5520**Block Schedule****Credit** 1.0 Physical Science**Fee:** Yes**Grade** 11-12**Prerequisite:** "B" or better in Algebra II Applications.

Physics is the study of matter and energy and their interactions. This Physics course is designed to teach students general Newtonian physics concepts and basic wave theory, develop the students' analytical, problem solving, and laboratory skills and integrate math, science and technology. Students considering Engineering, Science, or Mathematics Majors in college will benefit from this class. Grades for the class are based on homework, labs, tests, quizzes and class participation. A calculator is required for this course. The course work will include algebra-based problems and topics.

**AP PHYSICS - 31-5531 - 1st Semester
- 31-5532 - 2nd Semester****Full year – 1 Period per day****Credit** 1.0 Physical Science**Fee:** Yes**Grade** 11-12**Prerequisite:** "B" or better in Honors Precalculus.***Co-requisite:** Calculus Honors.

Physics is the study of matter and energy and their interactions. This Physics course is designed to teach students general Newtonian physics concepts, develop the students' analytical, problem solving, and laboratory skills and integrate math, science and technology. Students considering Engineering, Science, or Mathematics Majors in college will benefit from this class. Grades for the class are based on homework, labs, tests, quizzes and class participation. A graphing calculator is required for this course. The course work will include calculus-based problems and topics. Taking the AP Physics C - mechanics test is an option at the end of the course

GEOLOGY - 31-5601 - 1st Semester
- 31-5602 - 2nd Semester

Full year – 1 Period per day **Credit:** 1.0 Physical Science
Prerequisite: Biology Applications or Biology Concepts.

Fee: Yes
Grade: 11-12

Geology is a general science course with emphasis on the study of the earth and its environment. Topics to be studied include history of geology, identification of minerals, topographic maps, faults and earth movement, and pollution of the atmosphere and ground water. The major objective of the course is to stimulate an awareness of the ever-changing character of the earth's surroundings.

ENVIRONMENTAL SCIENCE - 31-5611 - 1st Semester
- 31-5612 - 2nd Semester

Full year – 1 Period per day **Credit:** 1.0 Physical Science
Prerequisite: Biology Applications or Biology Concepts.

Fee: Yes
Grade: 11-12

The term conservation implies "The wise use of our natural resources in order to prevent their depletion in future generations." The Environmental Science course attempts to make the student more aware of his/her environment and of man's role as stewards of the natural world. Environmental issues such as over-population, air and water pollution, and endangered species are explored and possible solutions are discussed. Major objectives of the course are to understand the science of ecology and develop a respect for nature. Outdoor activities are an important aspect of the course. Prospective students should possess an interest in nature and the outdoors and share in a concern for the environment.

ZOOLOGY - 31-5630

Block Schedule **Credit:** 1.0 Biological Science
Prerequisite: "C" in Biology Applications or "B" or better Biology Concepts.

Fee: Yes
Grade: 11-12

Zoology offers students the opportunity to learn about local species of animals. This course will emphasize identification, classification, and ecology of fishes, amphibians, reptiles, birds, and mammals, concentrating on animals found in Northwest Ohio. Emphasis will also be placed on identification, classification, ecology, and developing a respect for the natural world and its inhabitants. Students will spend time in the classroom and the field learning how to identify local forms of animals, learning how they are classified, and studying how they fit into ecosystems. A high level of self-motivation and interest in the natural world is expected of students.

MICROBIOLOGY - 31-5650

Block Schedule **Credit:** 1.0 Biological Science
Prerequisite: "C" in Biology Applications or "B" or better Biology Concepts.
(Offered alternating years - will be offered in the 12-13 school year)

Fee: Yes
Grade: 11 - 12

Microbiology consists of the study of microorganisms, with an emphasis on bacteria. This course involves extensive laboratory work, including the cultivation and growth of bacterial cultures, staining and identification of specific microorganisms, genetic transformations, gel electrophoresis procedures and the role of these microorganisms in our lives including their impact in disease, DNA testing, food production. Current issues of biotechnology are emphasized including the use of DNA fingerprinting to solve crimes, or paternity issues. This is an excellent course for the student that plans on pursuing a career in the biology or chemistry fields. Immunosuppressed students should NOT enroll in this class.

BOTANY - 31-5660

Block Schedule **Credit:** 1.0 Biological Science
Prerequisite: "C" or better in Biology Applications or "B" Biology Concepts.
(Offered alternating years - will be offered in the 13-14 school year)

Grade: 11 - 12

Botany will offer the students the opportunity to learn about the plant life around them. Through identification, classification, and the study of plant physiology and anatomy the student will learn the intricacies of plant life. This course will also emphasize developing a respect for the natural world and its inhabitants. Students will spend time in the classroom, conducting experiments, and in the field examining plant ecology, plant communities, and environmental responses. A high level of self-motivation and interest in the natural world is expected of students. The students will be expected to collect and catalog different species of plants as part of the requirements for this course.

MARINE MISSION - 31-5670

Block Schedule **Credit:** 1.0 Biological Science
Prerequisite: Biology; Application, essay and three teacher recommendations required.
(Offered alternating years - will be offered in the 13-14 school year) Limited to 24 students

Fee: Yes
Grade: 11-12

Marine Mission is a course that focuses on various aspects of our seas such as the geology of sea floors, the chemical and physical properties of ocean water, flora and fauna of the seas and the relations between humans and the sea. Emphasis will be placed on developing a respectful, caring attitude for the oceans and their inhabitants. The course is designed for those with strong interest in science. Students are expected to be mature, independent, use initiative and be self-motivated. A wide range of learning activities will be encountered-from dissections to projects to lectures and discussions. The course will culminate in a mandatory 7-day field experience in the Florida Keys, scheduled for the first week of summer vacation. Here students will complete their final exam-field notebook. The field notebook involves taxonomic listings, chemical/physical/geological analyses of various ocean habitats, essay questions and other assessment items. The cost of the trip is approximately \$1350. Limited fundraisers can be used to help defray a portion of this cost.

SOCIAL STUDIES CURRICULUM

Students must maintain a “B” or better each semester to remain in Honors and AP classes. Students must also earn a “B” or better each semester to move to the next honors level.

COURSES

9th Grade	10th Grade	11th Grade	12th Grade
31-6225/26 U.S. HISTORY	Class of 2015	31-6331/32 AP U.S. HISTORY	31-6420 AMERICAN GOVERNMENT
31-6235/36 H U.S. HISTORY	31-6221/22 U.S. HISTORY	31-6500 SOCIOLOGY	31-6431 AP U.S. GOV & POLITICS
	31-6231/32 H U.S. HISTORY	31-6510 BEHAVIORAL PSYCHOLOGY	31-6432 AP COMP GOV & POLITICS
	Class of 2016 and beyond	31-6520 SOCIAL PSYCHOLOGY	31-6510 BEHAVIORAL PSYCHOLOGY
	31-6121/22 WORLD HISTORY	31-6610 WORLD WAR II ERA	31-6520 SOCIAL PSYCHOLOGY
	31-6131/32 H WORLD HISTORY	31-6620 VIETNAM ERA	31-6610 WORLD WAR
		31-6630 CONTEMPORARY ISSUES	31-6620 VIETNAM ERA
		31-6640 GLOBAL PERSPECTIVES	31-6630 CONTEMPORARY ISSUES
		31-6650 CIVIL WAR	31-6640 GLOBAL PERSPECTIVES
			31-6650 CIVIL WAR

U.S. HISTORY - 31-6225 - 1st Semester

Post Reconstruction - 31-6226 - 2nd Semester

Full year

Credit: 0.50 per semester

Grade: 9 (Class of 2016 and beyond)

Prerequisite: None

Grade: 10 (Class of 2015)

Ninth-grade students continue the chronological study of the history of the United States with emphasis on domestic affairs. The study incorporates each of the seven standards. As students study historic eras, they consider the geographic, cultural, economic and governmental changes that have occurred. Students develop a deeper understanding of their role as citizens and continue to expand their command of social studies skills and methods. This course will address the benchmarks for the Ohio Department of Education Standards.

* Meets the financial literacy requirement for the class of 2014 and beyond.

HONORS U.S. HISTORY - 31-6235 - 1st Semester

- 31-6236 - 2nd Semester

Full year

Credit: 0.50 per semester

Grade: 9 (Class of 2016 and beyond)

Grade: 10 (Class of 2015)

Prerequisite: "B" or better in Honors World History each quarter or "A" in World History with teacher recommendation and a writing sample.

This course will focus on the events from the time period following the American Civil War through present day. Extensive time and study will be dedicated to the involvement of the United States in the major wars of the world in the 20th Century. The class will also focus on the major changes in American society in the last 150 years. Examples of topics that will be covered are imperialism, the Great Depression, the New Deal, the Cold War, and the civil rights movement. Students will be expected to complete homework assignments almost every night. There will also be numerous research and group projects throughout the year. This course will address the benchmarks for the Ohio Department of Education Standards.

* Meets the financial literacy requirement for the class of 2014 and beyond.

WORLD HISTORY - (Will be offered in the 13-14 school year to the class of 2016 and beyond)

Age of Revolutions Through the 20th Century

Full year

Credit: 0.50 per semester

Grade: 10 (Class of 2016 and beyond)

Prerequisite: None

Tenth-grade students continue the chronological study of world history. This study incorporates each of the seven standards. As students study historic eras, they consider the influence of geographic settings, cultural perspectives, economic systems and various forms of government. Students gain a deeper understanding of the role of citizens and continue to develop their research skills. Some of the major concepts studied include the Enlightenment, the French and American Revolution, the Napoleonic and post-Napoleonic (Congress of Vienna) era, the Industrial Revolution, economic expansion, slave trade, WWII, and the Cold War. This course will address the benchmarks for the Ohio Department of Education Standards.

*Meets the financial literacy requirement for the class of 2014 and beyond.

HONORS WORLD HISTORY - (Will be offered in the 13-14 school year to the class of 2016 and beyond)

Intellectualism and Revolution Through the 20th Century

Full year

Credit: 0.50 per semester

Grade: 10(Class of 2016 and beyond)

Prerequisite: "A" in Social Studies 8 or "B" average with teacher recommendation and successful completion of a writing assignment chosen and administered by the Social Studies department

The Student will examine Global Civilization from the Colonial and Enlightenment period to the present. The course will focus on intellectualism with the Enlightenment, the relationship of intellectualism and revolution in the 19th century, and the impact of industrialization. Particular focus will be given to the political and social theories of the period, scientific discoveries and inventions, and the importance of religious thought. It is an examination of the World Wars in Europe and the changes that resulted in presented-day world conflicts. Students will have weekly reading, group projects, compositions, web quests, and should have a strong reading background in relation to the advanced reading materials covered in class. This course will address the benchmarks for the Ohio Department of Education Standards.

*Meets the financial literacy requirement for the class of 2014 and beyond.

AP U.S. HISTORY - 31-6331 - 1st Semester - 31-6332 - 2nd Semester

Full year

Credit: 0.50 per semester

Grade: 11

Prerequisite: "B" or better in two semesters of Honors U.S. History.

The Advanced Placement course is a one-year course spanning from settlement in 1607 to present day United States. This course will prepare the student for the Advanced Placement Test in May, which provides the possibility for students to gain credit for two college courses. In order to prepare students for exam, numerous in-class essays will be assigned which include document-based essays that challenge students to work with primary sources. In addition, objective multiple-choice tests will be part of the assessment process. Students are expected to read four to five school nights a week.

AMERICAN GOVERNMENT - 31-6420

1 Semester

Credit: 0.50

Grade: 12

Prerequisite: None

American Government is a study of the American political system: the legislative (Congress), the judicial (Supreme Court), and the executive (Presidency) branches of government. The student will learn about other forms of government and compare them to the democratic system. The student will also have an exposure to the politics and practices of elections and be encouraged to participate in campaigns. Students will be expected to do weekly reading assignments and homework. Grades will be based on tests, quizzes, homework, and class participation.

AP U.S. GOVERNMENT AND POLITICS - 31-6431

1 Semester

Credit: 0.50 per semester

Grade: 12

Prerequisite: "B" or better in two semesters of AP U.S. History.

AP U.S. Government and Politics is a one-semester course offered in the first semester for students with a high interest level in history, government, economics, and politics. This course is fast-paced with a heavy workload, and involves a large amount of reading on a nightly basis. This course will give students an analytical perspective on government and politics in the United States. It includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitutes U.S. government and politics. Students will become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes. Topics covered include: Constitutional underpinnings of the U.S. government, Political beliefs and behaviors, Political parties, interest groups, and mass media, Institutions of national government, Public policy, and Civil rights and civil liberties.

This course fulfills the 1/2 credit American Government requirement for graduation.

AP COMPARATIVE GOVERNMENT AND POLITICS - 31-6432

1 Semester

Credit: 0.50 per semester

Grade: 12

Prerequisite: "B" or better in two semesters of AP U.S. History.

The AP course in Comparative Government and Politics introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. This course is fast-paced with heavy workload, and involves a large amount of reading on a nightly basis. It is a one-semester course offered during the second semester of the school year. It is usually paired with AP U.S. Government and Politics. The course aims to illustrate the rich diversity of political life, to show available institutional alternatives, to explain differences in processes and policy outcomes, and communicate to students the importance of global political and economic changes. Students will understand how comparison assists both in identifying problems and in analyzing policymaking. Furthermore, by comparing the political intuitions and practices of wealthy and poor countries, students will begin to understand the political consequences of economic well-being. Six countries will be covered: China, Great Britain, Iran, Mexico, Nigeria, and Russia. Topics covered include: Comparative politics, Sovereignty, authority, and power, Political institutions, Citizens, society, and the state, Political and economic change, and Public policy.

BEHAVIORAL PSYCHOLOGY - 31-6510

(Psychology Spelled with a "You")

1 Semester

Credit: 0.50

Grade: 11-12

Prerequisite: None

This course focuses on the development of the individual and concentrates on how the principles of psychology apply to you as an individual. Some areas of study will be why individuals behave the way they do, individual learning styles, personality development, and the workings of the brain, intelligence, individual perception of the environment, psychological disorders, and careers in psychology. Grades are based on self-investigation papers, tests, projects, journal, and class participation.

SOCIAL PSYCHOLOGY - 31-6520

(Psychology of YOU with others)

1 Semester

Credit: 0.50

Grade: 11-12

Prerequisite: None

This course explores how we interact with each other, how we shape society, and how society shapes us. Some areas of study are: the self-concept, loving and close relationships, attitudes, prejudice and stereotypes, aggression, and social influence. Grades are based on quizzes, tests, self-investigation papers, and a major project.

WORLD WAR II ERA - 31-6610

1 Semester

Credit: 0.50

Fee: Yes

Grade: 11-12

Prerequisite: None

This course will focus on the events prior to, during, and immediately following World War II. Special areas of interest will be the major cause of the war, new types of warfare, the battles in Europe, North Africa, and the Pacific, major figures of the war, the use of the atomic bomb, and the Holocaust. A variety of different teaching methods will be used during this course and students will be expected to do some individual research. Students will also be expected to complete a few projects that demonstrate their understanding of specific topics.

Typical questions that will be answered include: What caused WWII? Who was Adolf Hitler? What was the Holocaust? When and what was D-Day? Why did the United States drop the atomic bomb on Japan?

VIETNAM ERA - 31-6620

1 Semester

Credit: 0.50

Grade: 11-12

Prerequisite: None

This course will survey the Cold War era up through the Vietnam War, from the Truman Doctrine, to French involvement of French Indochina, including a synopsis on the Korean War, leading to the brink of Vietnam with the Geneva Conference in 1954. The class will analyze Ho Chi Minh's decision to implement communism into Vietnam and will also analyze the North Vietnamese viewpoint of the war as well as the U.S. and South Vietnamese viewpoint. The class will also focus on the different Presidents' involvement and their diplomatic strategies in "winning" Vietnam. Although Vietnam was primarily guerilla style warfare there were significant battles that helped define this war that will be looked at. As well, the war in Vietnam was the war on the home front with protesters and supporters. There will be a sociologic analysis as to America's differing viewpoints of the war and its impact on veterans returning from the war. Supplemental activities will include:

- Guest speakers (veterans) throughout the semester with different accounts of the war, veteran interview,
- Debates relating to the war objectives or the American public's viewpoints, and
- Movie clips or movies relating to the subject at hand.

CONTEMPORARY ISSUES - 31-6630

1 Semester

Credit: 0.50

Grade: 11-12

Prerequisite: None

Contemporary Issues is the study of controversy that exists in our society today. This class will give students the opportunity to participate in a student-centered learning environment that will challenge them to participate in numerous research activities, debates, and other activities that will enable students to find solutions to controversial issues. Students will be challenged to utilize their critical thinking skills to reach an educated opinion on the issue at hand. The issues covered will include political, social, economic, moral, and environmental problems.

GLOBAL PERSPECTIVES: Controversial issues in our WORLD today - 31-6640

1 Semester

Credit: 0.50

Grade: 11-12

Prerequisite: None

This course will deal with controversial issues that are currently paramount in our WORLD today. While the Contemporary Issues course deals mostly with American issues, Global Perspectives will focus on issues that extend beyond U.S. borders. This course will begin with a brief overview of the United Nations and how it impacts our world. Global Perspectives will be in touch with the United Nations, but the course will not be dictated by the United Nations entirely. Issues discussed during this course could include, but are not limited to, include: Atomic Energy, Climate Change, Democracy, Disarmament, Human Rights, Peace and Security, Refugees, Terrorism and Volunteerism. Assessments in the course will be research projects and participation in class discussions and debates.

CIVIL WAR ERA - 31-6650**1 Semester****Credit: 0.50****Grade: 11-12****Prerequisite: None**

This course will focus on the events leading up to, during, and immediately following the American Civil War. The goal of this course is to understand the meanings of what is a major transformative event in American History. Those meanings can be viewed from national, moral, racial, social, and constitutional perspectives. The course will cover roughly a 30-year period and will examine the themes of Union/Disunion, Slavery, Emancipation, and Reconciliation/Reconstruction. Also the effects of modern total war on individuals and society as a whole will be explored.

Penta Career Center

Career-Technical Course Descriptions 2012-2013

Penta Career Center
9301 Buck Road
Perrysburg, Ohio 43551
419-666-1120
www.pentacareercenter.org

Our History

Since 1965, Penta Career Center has provided career-technical training programs for high school students in our member school communities. For 43 years Penta was located on Oregon Road (next to Owens Community College). In 2008 a new era began for Penta when it opened a new, 522,000 square-foot school at 9301 Buck Road in Perrysburg Township. This school is expanded not only in size but, more importantly, in terms of curriculum and scope of services. Penta provides innovative career-technical programs, expanded academic courses, and enhancements to traditional programs. Some highlights of the new school include: professionally designed career-technical labs, science labs, and academic classrooms; a 600-seat auditorium; state-of-the-art infrastructure for technology; an expanded media center; and conferencing facilities.

About Penta and Career-Technical Education

Penta offers a focused, career-oriented education for students who wish to achieve success in a chosen career, in college, in the military, or wherever their paths may lead. In addition, students learn what is expected in the world of work. Students at Penta benefit from hands-on training in programs grouped under 14 career fields. Penta follows the **Career Field Concept** that has been developed by the Ohio Department of Education, which provides “both broad and specialized technical content standards that serve as a framework for curriculum, instruction, assessment, and program design” (Source: Ohio Career Field Initiative). This concept aligns with national efforts to improve the delivery of career-technical education and academic study to adapt to the workforce needs of our global economy.

Member Schools

Penta serves the following school districts: Anthony Wayne, Benton-Carroll-Salem, Bowling Green, Eastwood, Elmwood, Genoa, Lake, Maumee, North Baltimore, Northwood, Otsego, Perrysburg, Rossford, Springfield, Swanton, and Woodmore.

Academics at Penta

Penta prepares students for careers and post-secondary education by offering challenging academic courses in an 85-minute block format. The courses are aligned with Ohio’s K-12 academic content standards. Through their academic courses, students participate in a variety of project-based learning experiences. Some of the academic courses offered include: English; American History; Government; World Issues; Anatomy & Physiology I & II; Environmental Science; Physics; Chemistry; Algebra I, II & III; Geometry; Pre-Calculus; and Ohio Department of Education Standards readiness classes.

High Schools That Work & North Central Association

Penta utilizes High Schools That Work (HSTW) as a model for school improvement. The HSTW initiative promotes a curriculum that emphasizes rigorous career-technical training along with relevant academic studies. A close working relationship between the career and academic studies creates an environment that motivates students to succeed. Additionally, Penta is accredited by the North Central Association Commission on Accreditation and School Improvement.

College Tech Prep*

Penta programs listed in this brochure with an asterisk (*) are College Tech Prep programs. These programs are designed to meet current and emerging labor market needs by preparing students for “high tech” occupations of today and tomorrow. College Tech Prep programs integrate high academic expectations with challenging career technical programming and provide post-secondary linkages with related majors at two and four-year colleges. Some of these programs offer **Dual Enrollment** options that enable students to earn college credit at NO COST while still in high school. See your high school counselor for more information about College Tech Prep.

Articulation Agreements; Business & Industry Certifications

Students can get a head start on college or other post-secondary training through Articulation Agreements and/or Business & Industry Certifications. Many Penta programs have Articulation Agreements with area colleges. This means that students who meet certain career-technical criteria or college entrance requirements may earn college credit while attending Penta depending on the articulation agreement for the specific college. In some Penta programs, students can take exams that may qualify them for specific Business & Industry Certifications in areas such as OSHA, state licensures or credentials

Sophomore Exploratory Program

The Sophomore Exploratory Program is designed for students who are interested in exploring career-technical fields on Penta's campus. In this yearlong program, sophomores will explore two career areas, earn academic credits, and receive small group and one-on-one career and life skills mentoring. At the conclusion of this program, students will have the tools and knowledge necessary to make informed choices regarding their future educational, career and life plans. For more information, see your high school counselor.

Student Activities

Students are encouraged to continue to participate in extracurricular activities at their member schools. While attending Penta, students can participate in career-technical organizations including: Business Professionals of America (BPA); SkillsUSA; FFA; Family, Career, and Community Leaders of America (FCCLA); Future Educators Association (FEA); and DECA. Throughout the school year, many students compete in local, regional, state, and national contests sponsored by these organizations. Students can also get involved in the Penta Career-Technical Student Leadership Council.

How To Apply

Applying to Penta Career Center is easy for high school students residing in one of Penta's 16 member school districts. Students can apply by requesting an application from their high school guidance counselor or by contacting the Penta Student Services and Admissions office at **419-661-6480**.

Graduation

Upon successful completion of a career-training program at Penta, students will receive a Career Passport. The Career Passport includes: a Certificate of Completion; a list of competencies which the student attained while attending Penta; a personal data sheet; and other documents listing the student's accomplishments. Students may also participate in graduation ceremonies at their member schools where they will receive their high school diploma.

Career Assessment

Penta offers Career Assessment as a service to help students determine their interests and abilities in order to assist them in choosing a career path. Interested students can request a Career Assessment through their member school counselor.

Additional Career-Technical Programs and Services

Career-technical programs are also offered as early as tenth grade for students who would benefit from specialized instruction and support services. Admission to these programs requires a referral from the student's high school counselor along with an evaluation through Penta's Career Assessment service.

These programs include:

- Automotive Technology
- Business & Marketing Concepts
- Construction Trades (includes one year each of Carpentry and Masonry)
- Culinary Arts
- Floral Design/Greenhouse Production
- Landscape & Turfgrass Management
- Medical Technologies
- Welding

Each of these programs may include participation in the Transition-to-Work program.

Additionally, Penta also offers a Job Training program for students who may require assistance in preparing for their future. All of these programs provide supplemental assistance or specialized personnel to meet students' individual needs.

Penta also provides Career Based Intervention (CBI) programs in satellite locations for those students who are behind in credits and have a desire to be employed.

For more information on these programs and services, see your high school counselor.

AGRICULTURAL & ENVIRONMENTAL SYSTEMS

Floral Design/Greenhouse Production

Developed for students who are creative, like to work with their hands, enjoy working with people, like to work with plants and flowers, and desire a variety of learning experiences. Students become proficient in areas such as: the care and handling of fresh, live and dried flowers; interior design; floral arranging; greenhouse management; plant growth; soils; and hydroponics.

Gas & Diesel Engine Systems

Provides students with the skills needed for employment in either a small engines career (such as repair of lawn, industrial, and recreational equipment) or a career in industrial, tractor-trailer, or agricultural engine repair and maintenance.

Landscape & Turfgrass Management

Developed for students who enjoy the outdoors and like to work with their hands. Students are instructed in landscape design, construction and maintenance, sports turf management, retail and marketing, project pricing and estimating, plant identification and usage, and arboriculture.

Small Animal Care

Designed for students who enjoy working with a wide variety of small animal species. The program is an excellent opportunity for students who wish to explore careers in the animal care industry. Students will learn through hands-on experiences in areas such as: grooming, health, customer service, and science.

ARTS & COMMUNICATION

Digital Video Production *

This program introduces the skills you need to enter the broadcast and production industries and covers the technical aspects of television and radio. It includes sound engineering and lighting technologies for the various forms of production including traditional studio and remote location work.

Interactive Media *

Provides students with entry-level knowledge and skills needed to enter the business and artistic job markets and/or articulate to further educational programs. Students create portfolios in visual and digital media; learn digital photography, study videography, and basic Web design.

Business & Administrative Services

Medical-Legal Office Management

Students learn the skills necessary to further their education or proceed into careers in the medical and legal office fields. Upon successful completion of the program, students are prepared to work in entry-level positions in medical and legal offices.

CONSTRUCTION TECHNOLOGIES

Construction Carpentry *

Provides students with the basic skills in rough and finish carpentry construction. Students develop the concepts, knowledge and skills required for successful employment in the construction trades.

Construction Electricity *

Provides students with the basic skills required for successful employment in electrical construction positions. Students develop the concepts, knowledge and skills that are applicable to many other construction occupations.

Construction Masonry

Students learn the basic manipulative skills and related work associated with the field of masonry. Upon successful completion of the program, students have the skills necessary to enter gainful employment in the area of construction masonry.

Construction Remodeling

Designed for students interested in pursuing a career in rough and finish carpentry, plumbing, basic electricity, heating and air conditioning, or general property maintenance and repair. Students learn to inspect structures and determine a repair or remodeling plan.

HVAC/R Piping Systems Technology *

Developed for students interested in a career in the heating, ventilation, air conditioning, refrigeration, and piping industry. There is an increasing demand for trained technicians in this industry. The program will help students develop skills to renovate, convert and service HVAC/R and piping equipment.

EDUCATION & TRAINING

Early Childhood Education *

Provides students with the skills needed for employment in careers that care for, and work with, children from birth to school age. Students participate in work-based learning experiences in a variety of early childhood settings.

Teaching Professions *

This one-year program is designed to give qualified seniors a head start on a successful career path to teaching. Students have focused class work and actual field experiences in a variety of educational settings in local school systems. This program is available at Anthony Wayne High School.

ENGINEERING & SCIENCE TECHNOLOGIES

Green Energy Management *

Provides students with the skills to utilize and manage our natural resources by exploring emerging renewable energy technology. The program is an excellent opportunity for students who wish to pursue careers in new energy sources including: solar, wind power, biomass, geothermal, fuel cells, and hydropower.

HEALTH SCIENCE

Dental Assistant *

Provides students with the skills needed to obtain a responsible position in general or specialized dentistry. Students are instructed in areas such as: laboratory procedures, radiology, chair side assisting, and dental office management.

Exercise Science/Sports Health Care *

This program is designed to provide students with an introduction to the area of fitness training and athletic training. Students will be prepared to work as a personal trainer, or for college to further study athletic training, strength and conditioning, or physical therapy or occupational therapy.

Medical Technologies *

Students learn skills in patient care, diagnostic procedures, medical office procedures, and emergency care. Upon successful completion of this program, students are prepared for career opportunities such as: nurse aide, patient care technician and medical assistant. Students are also prepared to further their education for certification or degrees in areas such as nursing (RN or LPN), medical assisting, massage therapy, and emergency medical technician.

HOSPITALITY & TOURISM

Culinary Arts

Designed to prepare students for employment in managerial, production, and service jobs in a variety of food service operations. Students receive instruction and training experiences in Penta's Culinary Connection restaurant.

HUMAN SERVICES

Cosmetology

Provides students the opportunity to become licensed cosmetologists through the State of Ohio Board of Cosmetology. Training includes areas such as: scalp and hair care, hair styling, manicure/pedicure, facials, and salon management.

Hair Design

Students focus on hair cutting, color, style, and chemical treatments. Students will have the opportunity to become licensed by the State of Ohio Board of Cosmetology as a hair designer.

INFORMATION TECHNOLOGY

A+ Computer Technology *

Provides students with skills in computer building, updating and repair. Students will have the opportunity to earn computer industry certifications. Upon certification, a student can gain employment as a computer support specialist, computer technician, help desk technician, and a remote support technician. This program also helps students prepare for a degree in microcomputer technology.

Geospatial Information Systems (GIS) *

Students will use ArcGIS mapping software to gather data, create and analyze charts, graphs, maps and other visuals that are used in a wide variety of career fields. This program can lead students to certification as a Geospatial Technician and/or provide articulated credits in related post-secondary majors.

LAW & PUBLIC SAFETY

Public Safety/Criminal Justice *

A program designed for students who want to pursue employment in criminal justice, private/public safety, or pursue post-secondary education leading to employment in a law-related field.

Public Safety/EMT-Fire Science *

A program for students who want to pursue employment as emergency medical technicians, fire fighters and emergency response personnel, or for work in homeland security. Students who successfully complete this program will have the opportunity to earn EMT/Basic certification.

MANUFACTURING TECHNOLOGIES

Applied Manufacturing Technologies *

Designed for students interested in careers in areas such as: machining, tool and die, CNC programming/operation, millwright, robotics, and engineering. This program offers a high earning potential and a wide array of career choices. Students learn to apply the concepts of the various manufacturing technologies on both manual and state-of-the-art machines.

Computer-Aided Design *

Developed for students interested in a career in the drafting and engineering fields of mechanical, civil and architectural design. Using state-of-the-art computers and design software, students learn the drafting and engineering concepts required to generate high-quality industry standard drawings.

Welding

Students become proficient in performing welding processes, reading blueprints and welding symbols, and developing safe work habits. Upon successful completion of the program, students are eligible to apply for skilled trades apprenticeships, weld & fabricate metal, read and interpret blueprints, and operate CNC fabrication equipment.

MARKETING

Marketing Education

A one-year program for seniors interested in pursuing a career in marketing, management or a related field. Students obtain skills in marketing, distribution, management, sales, promotion, and entrepreneurship. Penta also offers this program at several satellite classrooms within its member school districts. Marketing programs are available at: Anthony Wayne, Oak Harbor, Bowling Green, Maumee, Perrysburg (for juniors and seniors), Rossford, and Springfield high schools.

TRANSPORTATION SYSTEMS

Automotive Collision Repair *

Provides the necessary entry-level knowledge and hands-on experience to repair damaged vehicles to factory specifications. The program prepares students to begin a life-long career in the automotive collision repair industry.

Automotive Technology *

This program is designed to provide students with the skills to inspect, diagnose, maintain and repair today's modern automobile. Students learn to use the latest resources and equipment to be successful in this ever-changing technical field.

Our Mission

Penta Career Center's is a high-performing school that provides:

- Options and opportunities
- Real-world learning
- Partnerships with business and industry
- Productive citizens.

Our Commitment

The staff at Penta Career Center is committed to:

- Achieving excellence
- Delivering results
- Responding to our communities
- Creating an environment for success

Penta Career Center hereby gives notice that it does not discriminate on the basis of race, color, national origin, ancestry, sex, religion, disability/handicap, citizenship status, or veteran status in its educational programs, activities, employment policies, or admission policies, and practices, as required by law. Penta has a Section 504, Title VI, and Title IX Coordinator.