

**Ottawa Township High School
District #140**



2010-2011 Curriculum Guide

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Scheduling Information

Counselors and homeroom teachers are available for consultation in constructing a schedule to meet the needs of each individual student. Students should realize that a two-way commitment is being made when they register for courses. The school makes a commitment to provide a variety of classes and the student makes the commitment to accept the classes in which he/she has enrolled. For this reason, schedule changes will not be made routinely.

Necessary schedule changes will be made for the following reasons:

- ❖ If an error was made by OTHS staff in processing a request.
- ❖ If a course conflict is present on a schedule.
- ❖ If an improper course placement has been made.
- ❖ If there is a request from Administration.
- ❖ If a compelling educational reason is cited. (A request will be granted only if space is available in the class).

Students requesting to drop a class will be required to bring a parent note and will be placed in a study hall only. If a study hall is not available, no change will be granted. Any courses dropped after the 5th day of each semester will receive a grade of "F" for that semester.

NOTE: Following registration in January, a student may make a class for class change until the last school day in April.



Graduation Requirements

	Class of 2011	Class of 2012	Class of 2013	Class of 2014
English	6 Semesters- 6 Credits	8 Semesters-8 Credits	8 Semesters-8 Credits	8 Semesters-8 Credits
Mathematics	6 Semesters (1 year must be Algebra I and 1 year must be a course that includes geometry content)	6 Semesters (1 year must be Algebra I and 1 year must be a course that includes geometry content)	6 Semesters (1 year must be Algebra I and 1 year must be a course that includes geometry content)	6 Semesters (1 year must be Algebra I and 1 year must be a course that includes geometry content)
Science	4 Semesters (4 Credits) (2 credits from Biology and 2 credits from Physical Sciences with one being a Physical Science class or a year of Chemistry or Physics)	4 Semesters (4 Credits) (2 credits from Biology and 2 credits from Physical Sciences with one being a Physical Science class or a year of Chemistry or Physics)	4 Semesters (4 Credits) (2 credits from Biology and 2 credits from Physical Sciences with one being a Physical Science class or a year of Chemistry or Physics)	4 Semesters (4 Credits) (2 credits from Biology and 2 credits from Physical Sciences with one being a Physical Science class or a year of Chemistry or Physics)
Social Studies	4 semesters (4 credits) (US History is required as 2 of the credits) (Every student must take World History) (All students must take American Government which includes the constitution test.)	4 semesters (4 credits) (US History is required as 2 of the credits) (Every student must take World History) (All students must take American Government which includes the constitution test.)	4 semesters (4 credits) (2 Credits required from World History, 2 Credits required from US History) (All students must take American Government which includes the constitution test)	4 semesters (4 credits) (2 Credits required from World History, 2 Credits required from US History) (All students must take American Government which includes the constitution test)
Consumer Education	1 Semester (1 credit)*	1 Semester (1 credit)*	1 Semester (1 credit)*	1 Semester (1 credit)*
Fine Arts / Foreign Language / Vocational Education	2 Semesters (2 Credits)	2 Semesters (2 Credits)	2 Semesters (2 Credits)	2 Semesters (2 Credits)
Health	1 Semester (1 credit)	1 Semester (1 credit)	1 Semester (1 credit)	1 Semester (1 credit)
PE	7 Semesters (3.5 credits - .5 credit per PE Class)	7 Semesters (3.5 credits - .5 credit per PE class)	7 Semesters (3.5 credits - .5 credit per PE class)	7 Semesters (3.5 credits - .5 credit per PE class)
Constitution Test	Must Pass to Graduate	Must Pass to Graduate	Must Pass to Graduate	Must Pass to Graduate
PSAE	Must complete to Graduate	Must complete to Graduate	Must complete to Graduate	Must complete to Graduate
Total Credits Needed	40	40	40	40

* Classes that meet the Consumer Education requirement are Applied Consumer Economics, Economics, Personal Finance or passing the full year of Introduction to Business or Cooperative Education class. Passing the Consumer Education proficiency test would also meet this requirement.

In order to graduate from OTHS, a student must have 8 semesters of attendance. Seniors who have all of their credits/requirements completed by the end of the 7th semester may petition for early graduation. Early graduation guidelines are detailed on page 8 of this curriculum guide.

Class Rank / Grade Point Average (GPA) Policy

At Ottawa Township High School all class periods are 47 minutes, 5 times a week, 36 weeks a year. Our school is accredited by the North Central Association of Colleges and Secondary Schools and the State of Illinois.

<u>ACADEMIC GRADES</u>	<u>Point Value</u>	
	Regular	Weighted
A----- Outstanding Achievement -----	4.0 -----	5.0 -----
B----- High Quality -----	3.0 -----	4.0 -----
C----- Average -----	2.0 -----	3.0 -----
D----- Below Average -----	1.0 -----	1.0 -----
F----- Failing - No Credit -----	0.0 -----	0.0 -----
P----- Medical Excuse or Pre-Excused -----	0.0 -----	0.0 -----
I----- Incomplete Work -----	0.0 -----	0.0 -----
R----- Course Repeated-----	0.0 -----	0.0 -----
N----- Sports Waiver -----	0.0 -----	0.0 -----

- I An incomplete (I) will be assigned to a student who finds it impossible because of reasons beyond his or her control, such as illness, to complete the required work by the end of the semester. The required work must be completed no later than the final class day of the following semester. Work not completed by this time will be noted by the letter “I” on the permanent record and will carry no credit toward graduation. Since the grade of “I” carries no credit, courses carrying that grade may not be counted toward academic requirements for co-curricular participation. Six week “incompletes” will be handled at the teacher’s discretion.
- (H)* This symbol following the course title means a weighted course.
- # This symbol following letter grade or course name means course counts as credit, but will not be used to determine class rank.
- R Repeated Course - A course grade of (R) on the transcript will indicate the student has repeated the course at a later time. The (R) will represent 0.0 credits attempted and 0.0 credits earned.

WEIGHTED COURSES

Class of 2011

- Integrated Math III
- Accelerated Algebra II / Trigonometry
- Accelerated Pre-Calculus
- Advanced Placement Calculus
- Accelerated Chemistry
- Advanced Chemistry
- Accelerated Physics
- Advanced Biology
- Advanced Composition
- Advanced Placement United States History
- Speech (Dual Credit)
- Accelerated English III

Class of 2012, 2013 and 2014

- Advanced Placement Calculus
- Advanced Placement United States History
- Advanced Chemistry
- Speech
- Advanced Composition
- Advanced Placement English Lit & Comp
- Advanced Placement Government

CLASS RANK

All courses successfully completed will be used to determine class rank except P.E. and any course described in B below. Any courses given a grade of P (medical excuse), or N (sports waiver) will not be used to determine class rank. (Classes taken as an overload are counted as a credit earned but no grade points are given.)

- A. All students’ class ranks will be determined by grade points.
- B. Courses taken outside the regular campus daytime curriculum, such as summer school, college courses, and night school may be counted as credit, upon administrative approval, but will not be used to determine class rank.

Early Graduation Policy

1. **Students desiring early graduation from Ottawa Township High School must meet the following requirements:**
 - a. Complete a minimum of seven semesters of high school coursework.
 - b. Have written approval of their parent(s)/guardian.
 - c. Complete all required courses or the equivalent and enough electives to equal or surpass the minimum number of credits (40) required for graduation by the anticipated date of early graduation, with the possible exception of physical education credits.
2. **Students desiring early graduation are to observe the following procedures:**
 - a. Apply for early graduation no later than October 1st of their 7th semester.
 - b. Return approval sheet signed by a parent(s)/guardian.
 - c. Consult with a counselor to verify that graduation requirements can be met by the anticipated date for early graduation.
 - d. Consult with the principal about graduation procedures, class rank procedures, honors, and other considerations.
3. **The following are items that students and parents/guardians should consider before deciding about early graduation:**
 - a. Students meeting all other requirements for graduation may have one semester of the physical education requirements waived and one semester of attendance waived.
 - b. Students who graduate one semester early will exit with the grade point average designation earned, but will not qualify for Valedictorian status designated during the graduation ceremony. Class rank based on actual 7th semester GPA would be used to determine eligibility for scholarships that are dependent on class rank.
 - c. Candidates for early graduation will **not** be permitted active participation in school or class activities after leaving Ottawa Township High School. This includes participation in prom, athletic teams, clubs, and/or similar school activities. OTHS **will** allow early graduates to participate in the graduation ceremony.

Student Course Load

- ❖ Minimum Course Load per semester = 5 academic classes, 1 study hall, and Physical Education
- ❖ Recommended Course Load per semester = 6 academic classes and Physical Education
- ❖ Overload Course Load per semester = 7 academic classes with approval of the Principal

NOTE: Every student must successfully complete a physical education class each semester, except as follows:

All Grades

- ❖ Ongoing participation in Marching Band
- ❖ Per individualized education plan (IEP) – utilization of PE time to receive special education support services

10th grade

- ❖ Student enrolled in health may replace one semester of P. E.
- ❖ Student enrolled in BTW (Behind the wheel) may replace P. E. for 9 weeks of a semester.

11th and 12th grade

A student may receive a waiver by the Principal for one of the following reasons:

- ❖ To enroll in academic classes for students to meet post-secondary entrance requirements.
- ❖ To enroll in courses required for student to graduate with their class.
- ❖ Eligibility for ongoing participation in an interscholastic athletic program.

Eligibility for Extra Curricular Activities

In accordance with Illinois state law, students involved in certain activities at Ottawa Township High School must maintain a specified academic standard.

To participate in specific activities, students must meet the academic eligibility standards as established by the Illinois High School Association (IHSA).

- Per IHSA standards, the student must be passing twenty (20) credit hours on a weekly basis to be eligible.
- Per IHSA standards, the student must be passing twenty (20) credit hours on a semester basis to be eligible.

Honors Courses

Honors coursework consists of an enriched curriculum that fosters creativity and imagination, emphasizes peer collaboration and higher level thinking skills, and provides an opportunity for independent learning. Students will experience more in-depth study of the subject matter. When appropriate, the pace of instruction will be accelerated and the study of materials will be more challenging. Honors coursework is a preparatory for Advanced Placement and Accelerated courses.

The prerequisite to be placed in a Freshman Honors course at OTHS is a teacher recommendation or the following Explore score:

Honors Math – Explore score of 18 or higher in Mathematics

Honors English – Explore score of 17 or higher in Reading

Honors Biology – Explore score of 17 or higher in Reading

Honors World History – Explore score of 17 or higher in Reading

The prerequisite to be placed in an upper level Honors course at OTHS is completion of the previous Honors course with a ‘C’ or better and/or teacher recommendation.

Students must earn a grade of “A”, “B”, or “C” during each six week grading period to maintain honors placement.

Advanced Placement (AP)

AP Courses are college level courses taken as a part of a high school program. AP courses offer advanced students the opportunity to take courses with more challenging college-level content. Students who complete AP courses are eligible to take the AP exams, administered each May by the College Board at OTHS. These exams are scored on a scale of 1–5. Students scoring between a 3 and 5 may qualify for college credit at most colleges and universities.

Courses currently available at OTHS are AP U.S. History, AP English Literature and Composition, AP Government, and AP Calculus. OTHS is in the process of developing and implementing additional AP courses.

Dual Credit

Ottawa Township High School offers the option of being dually enrolled with IVCC in 3 classes. This means an OTHS student taking Advanced Comp, Advanced Chemistry, or Speech (as a junior or senior) can earn OTHS credit and by registering with IVCC, can earn college credit at the same time.

Potential E2C/Dual Credit Enrollment students must meet all IVCC admission guidelines, as well as take IVCC placement exams prior to enrolling in dual credit Chemistry or English.

- ❖ Placement into English 1001 (OTHS's Advanced Composition) requires a score of 90-120 on the IVCC Placement test OR a score of 22 or better on the English sub-section of the ACT Test.
- ❖ Placement into CHM 1004 (OTHS's Adv Chemistry class) requires a score of 100 or better on the elementary Algebra Test or concurrent enrollment in our Pre-Calculus class.
- ❖ Speech requires no placement test to register

These classes are offered to our students at a substantially reduced cost. For the 2010-2011 school year, the cost for E2C courses was \$30.25 per credit hour, plus registration and textbook fees.

Will E2C course(s) transfer to other colleges and universities?

IVCC E2C courses are transferable to other colleges and universities, but subject to the course acceptance policies of the transfer college. For additional information about how these IVCC courses transfer, refer to IVCC's transfer link:

“How Courses Transfer “ <http://www.ivcc.edu/transferservices.aspx?id+8590> and scroll down to the 7th option - High School Students Taking IVCC Courses (E2)

An informational night is held in the spring to explain E2C classes in detail. All interested students/parents should plan to attend. These classes are appropriate for a select group of individuals, as students registering for dual credit **are beginning their college transcript.**

Special Needs Services

There are many types of disabilities that make it difficult, or even impossible, for a student to learn in a regular school setting. Some of these disabilities are readily identifiable; vision and hearing problems, physical disabilities, and speech problems. Other disabilities, which cause severe difficulties for the student, may be more subtle. These disabilities require trained professionals to determine the source of the problem and to recommend the proper program to maximize the educational development of the student. Examples of these disabilities include cognitive delays, emotional disorders, and learning disabilities. Students with any of the above disabilities are referred to as “Exceptional Children” because they have exceptional (special) educational needs. All children from age 3 through the age of 21 up to the day before their 22nd birthday who have exceptional needs must be provided with a program to meet those needs by the school district. Regardless of the nature or severity of the child's disability, the child has a right to receive a free appropriate public education. In most cases, the exceptional student's needs will be recognized and the proper special education program prescribed. However, the parents of the student may request the school district to evaluate the student to determine special education eligibility. According to state regulation, the School District has 60 school days from the date the parent or guardian has given signed consent to complete the evaluation. If a student is determined to be eligible for special education, then a program designed to meet the student's needs must be provided. If the parents are dissatisfied with the evaluation or the program provided for the student, the parents may request information from the Superintendent concerning procedures for resolution.

Alternative Education Program

The Alternative Education Program is a self-contained learning experience for students who benefit best in a highly structured classroom situation. It is designed to meet the educational needs of students who have experienced school problems due to learning, behavioral, emotional, and/or attention concerns. The overriding goal is to continue to educate students within the regular high school building and to return students to general education classes as soon as possible. The program focuses on both academic success and personal growth. *Students are placed in the alternative education program based on a recommendation from a referral team.*

NCAA Clearinghouse Resource for Athletes

What Can Parents Do?

- Help your athlete remain eligible to play during the school year
- Be informed on the NCAA Clearing house www.eligibilitycenter.org
- Help with selecting the college and coach
- Work with your counselor through this process

NCAA Clearinghouse

The NCAA has passed rules now governing both Division I and Division II member institutions that determine eligibility for freshman athletes. A sliding scale between grade point average and SAT/ACT is used by the clearinghouse to determine whether the student qualifies. **These requirements must be achieved to be eligible to practice and compete on all intercollegiate athletic teams during the first year of collegiate attendance with or without scholarship assistance.** Visit the [NCAA](http://www.ncaa.org) web site for core course requirements. Use **143340** as the school code for OTHS.

Student-athletes and parents should meet with their guidance counselor during the freshman year to map out a four-year plan that meets the NCAA academic requirements. **Keep in mind that Ottawa Township High School must submit core courses on a yearly basis. Students interested in college athletics should follow the college core classes.**

Testing

- ACT or SAT can be taken: National and State exams are accepted
- The sum of the sub scores: English, math, reading and science are calculated
- Can use the sub scores on different ACT test dates
- NCAA will NOT accept ACT/SAT scores on the transcript
- Use code 9999 when completing ACT registration applications

Comparing grades with test scores

- ACT or SAT sum of scores are compared to the core courses GPA
- No weight is added to any GPA
- A sliding scale issued: the lower the GPA the higher the ACT score is needed

How Can I tell if I will be eligible?

- Talk to your counselor and coach!
- Download approved course handout that lists acceptable OTHS courses.
- Registering through the NCAA Clearinghouse will give absolute answer!

How and when do I register?

- Register at the beginning of your junior year.
- Prospective athletes can register online at the NCAA website.
- Register prior to taking a National or State ACT.
- NCAA will generate a report indicating deficiencies.
- NCAA will not accept ACT scores on your transcript! You must have them sent directly to ACT either by using code 9999 when registering for a National or State Test date or by contacting ACT.

List of Approved Core Courses

(The list of approved courses may change, please check with your counselor)

English	Current Problems	Pre-Calc\Accel.
Basic English I *	Economics	Pre-Calc\Reg.
Basic English II *	Geography	
Basic English III *	Minorities	Science
Composition / Adv.	Political Science	Astronomy
Contemp. Literature	Psychology	Biology
Creative Writing	Sociology	Biology/Adv.
English I	State & Local Hist.	Honors Biology
English I / Humanities	U.S. History / AP	Chemistry/Reg.
English II	U.S. History / Reg	Chemistry/Accel.
English III	World History 1	Chemistry/Adv.
English III /Hum./Accel.	World History 2	Ecology
Honors English I	World History/Humanities	Geology
Honors English II	Personality and Behavior	Life Science
Great Ideas		Environmental Science
Lit. and Life	Mathematics	Physical Science
Speech	Algebra 1 / Accel.	Physics
World Lit. Classics	Honors Algebra 1	Physics/Accel.
World Lit. 1	Algebra 1 / Reg.	
World Lit. 2	Algebra 2	Foreign Language
	Algebra 2 & Trig. / Accel.	French 1, 2, 3 & 4
Social Science	Calculus / AP	German 1, 2, 3, & 4
Basic World History *	Geometry / Accel.	Spanish 1, 2, 3, & 4
Honors World History	Honors Geometry	
American Government	Geometry / Reg.	

* Only students who have receive proper NCAA approval for their diagnosed learning disability may receive credit for “Basic” courses.

Career Clusters

Agriculture, Food & Natural Resources

Introduction to Agriculture Agribusiness
 Operations Agribusiness Management
 Animal Science (S)
 Environmental Science (S)
 Natural Resources Man. (S)
 Ornamental Horticulture (S)
 Landscape Design & Maintenance (S)

Architecture & Construction

Introduction to Technology
 Electronics 1 (S)
 Electronics 2
 Electronics 3
 CAD 1 (S)
 CAD 2 (S)
 CAD 3 (Mechanical Drawing)
 CAD 3 (Architectural Drawing)
 Woods 1 (S)
 Woods 2 (S)
 Building Trades 1 (2 hours)
 Building Trades 2 (2 hours)
 Electronics 1 (S)
 Electronics 2
 Electronics 3

Arts, A/V technology & Communications

Art 1
 Art 2
 Art 3
 Art 4
 Crafts
 3 Dimensional Designs
 Graphic Design (S)
 Band
 Choir
 Music Theory

Business, Management & Administration

Introduction to Business
 Accounting 1
 Accounting 2
 Speedwriting 1 (S)
 Speedwriting 2 (S)
 Recordkeeping (S)
 Business Principles (S)
 Cooperative Education I/II

Education & Training

Parenting (S)
 Vocational Child Care (2 hours)
 Psychology (S)
 Personality & Behavior (S)
 Sociology (S)

Finance

Introduction to Business
 Accounting 1
 Accounting 2
 Personal Finance (S)
 Applied Economics (S)
 Economics (S)

Government & Public Administration

World History
 Honors World History
 U.S. History
 AP U.S. History
 AP Government (S)
 American Government (S)
 State & Local History (S)
 Current Problems (S)

Health Science

Orientation to Health Occupations
 Nurse Assistant One
 Nurse Assistant Two (2 hours)
 Sports Medicine

Hospitality & Tourism

Foods 1 (S)
 Foods 2 (S)
 Vocational Foods Culinary Arts

Human Services

Foods 1 (S)
 Foods 2 (S)
 Vocational Foods Culinary Arts
 Sewing Technology
 Fashion Merchandising (S)
 Living Environment (S)
 Adult Living (S)
 Parenting (S)
 Vocational Child Care (2 hours)

Information Technology

Computer Con. I/Software App (S)
 Computer Con.II/Software App (S)
 Microsoft Word (S)
 Database/Spreadsheets (S)
 Desktop Publishing (S)
 Microsoft Power Point (S)
 Web Page Design (S)

Law, Public Safety, Correction & Security

Psychology (S)
 Personality & Behavior (S)
 Sociology (S)
 Business Law (S)
 American Government (S)
 AP Government (S)

Manufacturing

Woods 1 (S)
 Woods 2 (S)
 Building Trades 1 (2 hours)
 Building Trades 2 (2 hours)

Marketing Sales & Service

Marketing/Sales (S)
 Business Principles (S)
 Cooperative Education I
 Cooperative Education II

Science, Technology, Engineering a & Mathematics

Psychology (S)
 Personality & Behavior (S)
 Sociology (S)
 American Government (S)
 AP Government (S)
 CAD 1 (S)
 CAD 2 (S)
 CAD 3 (Mechanical Drawing)
 CAD 3 (Architectural Drawing)
 ACC Pre-Calculus
 AP Calculus

Transportation, Distribution & Logistics

Power Technology (S)
 Voc. Auto Mechanics 1 (2 hours)
 Voc. Auto Mechanics 2 (2 hours)

(S) = semester class

**PARTNERSHIPS FOR COLLEGE AND CAREER SUCCESS (PCCS)
 Preparing Today for the Challenges of Tomorrow**

PURPOSE OF PCCS - Illinois is in competition with other states for a larger share of industrial jobs. LaSalle County is in competition with other counties across the state for new and expanding industries. Business and industry leaders in LaSalle County are seeking employees who have strong reading, writing, math, thinking and reasoning skills. Employers are demanding a better prepared work force that has both the vocational/technical skills and the academic background to get the job done.

Economic growth in LaSalle County can no longer depend on the entry level job skills of high school graduates. By the mid 1990's seventy-five percent of all new jobs in LaSalle County, Illinois, and the nation will require a high school education plus a vocational/technical degree at a community college or trade school.

In LaSalle County, PCCS programs were started as a partnership between SRAVTE Regional schools and Illinois Valley Community College and the expanding job market. The major goal of these programs is to provide LaSalle County students with improved opportunities to become part of a technical work force that can attract new business and industries.

THE PCCS PROGRAM - PCCS is designed to meet the needs of LaSalle County students, specifically O.H.S. students, so that they can enter Illinois Valley Community College or another technical/community/trade college. They are designed to ensure high school graduates a smooth transition into technical and community college curriculums, but NO STUDENT IS "LOCKED IN" TO PCCS OR TO ATTENDING A TECHNICAL/COMMUNITY COLLEGE.

PCCS COURSES OF STUDY - There are currently six areas offered through Ottawa Township High Schools PCCS Programs: 1) Agriculture Technology; 2) Automotive Technology; 3) Vocational Child Care; 4) Electronics Technology; 5) Information Systems Technology; 6) Technical Drawing Technology. Each of the six curriculum areas provides an outline of specific academic and vocational course requirements. Emphasis is placed on Math, English, Science and a proper sequence of technically oriented vocational courses.

APPRENTICESHIP PROGRAMS FOR UNION JOBS

Illinois Valley Labor Management has created a website that lists required and recommended high school coursework for the various trades. The requirements can be accessed at <http://www.ivlabmgt.org/AppDirframe.htm>.

Agriculture Technology (Agriculture/Horticulture) PCCS Sequence

Grade 9	English I (2 credits) Algebra I (2 credits) Biology (2 credits) Physical Education Introduction to Agriculture (2 credits) Elective(s)/Study Hall
Grade 10	English II (2 credits) Geometry or Algebra II Physical Education/Health Agriculture Science (2 credits) Computer Concepts and Software Applications I (1 credit)/Computer Concepts and Software Applications II (1 credit) Record-keeping (1 credit)/Psychology (1 credit) Elective(s)/Study Hall
Grade 11	English III (2 credits) Algebra II United States History (2 credits) Physical Education Agri-Business Operations or Horticulture (2 credits) Consumer Economics (1 credit)/Ecology (1 credit) Chemistry (2 credits)
Grade 12	Applied Business Communication (1 credit)/Business Principles & Entrepreneurship (1 credit) Physical Education Agri-Business Management or Horticulture (2 credits) Cooperative Education in Agriculture (6 credits)

Automotive Technology PCCS Sequence

Grade 9	English I (2 credits) Algebra I (2 credits) Biology (2 credits) Physical Education Introduction to Technology (2 credits) Elective(s)/Study Hall
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Grade 10	<p>English II (2 credits) Geometry or Algebra II Physical Education/Health Computer Concepts and Software Applications I (1 credit)/Computer Concepts and Software Applications II (1 credit) Power Technology I (1 credit)/Electronics I (1 credit) Physical Science (1 credit)/Astronomy Meteorology or Ecology or Geology (1 credit) Elective(s)/Study Hall</p>
Grade 11	<p>English III (2 credits) Algebra II Physical Education United States History (2 credits) Vocational Automotive I (4 credits) Personal Finance (1 credit)/Study Hall</p>
Grade 12	<p>Applied Business Communication (1 credit)/Business Principles & Entrepreneurship (1 credit) Physical Education Vocational Automotive II (4 credits) CAD I (1 credit)/CAD II (1 credit) Psychology (1 credit)/Personality and Behavior (1 credit) Elective(s)/Study Hall</p>

Vocational Child Care PCCS Sequence

Grade 9	<p>English I (2 credits) Algebra I (2 credits) Biology (2 credits) Physical Education Foods I (2 credits) Art I (2 credits)</p>
Grade 10	<p>English II (2 credits) Geometry or Algebra II Physical Education/Health Computer Concepts and Software Applications I (1 credit)/Computer Concepts and Software Applications II (1 credit) Chemistry (2 credits) or Physical Science (1 credit)/Astronomy Meteorology or Ecology or Geology (1 credit) Spanish I (2 credits) Art II (2 credits)</p>
Grade 11	<p>English III (2 credits) Integrated Math III (2 credits) United States History (2 credits) Personal Finance (1 credit)/Parenting (1 credit) Physical Education Spanish II (2 credits) Record-keeping (1 credit)/*Database Spreadsheets (1 credit)</p>

Grade 12 Applied Business Communication Skill (1 credit)/Modern Business Presentations (1 credit)
 Physical Education
 Vocational Child Care (4 credits)
 Psychology (1 credit)/Personality and Behavior (1 credit)
 Adult Living (1 credit)/Adult Environments (1 credit)
 Microsoft Word I (1 credit)/Microsoft Word II (1 credit)

Electronics Technology PCCS Sequence

Grade 9 English I (2 credits)
 Algebra I (2 credits)
 Biology (2 credits)
 Physical Education
 Introduction to Technology (2 credits)
 Elective(s)/Study Hall

Grade 10 English II (2 credits)
 Geometry or Algebra II
 Physical Education/Health
 Electronics I (1 credit)/CAD I (1 credit)
 Computer Concepts and Software Applications I (1 credit)/Computer Concepts and Software Applications II (1 credit)
 Elective(s)
 Elective(s)

Grade 11 English III (2 credits)
 Algebra II
 United States History (2 credits)
 Physical Education
 Electronics II (2 credits)
 Personal Finance (1 credit)/CAD II (1 credit)
 Science (2 credits) Applied Physics is recommended

Grade 12 Applied Communication Skills (2 credits)
 Physical Education
 Electronics III (2 credits)
 Cooperative Education (6 credits)
 Suggested electives relating to Electronics Technology

Information Systems Technology PCCS Sequence

Grade 9 English I (2 credits)
 Algebra I (2 credits)
 Biology (2 credits)
 Physical Education
 Computer Concepts and Software Applications I (1 credit)/Computer Concepts and Software Applications II (1 credit)

Grade 10	<p>English II (2 credits) Geometry or Algebra II Physical Education/Health Microsoft Word I (1 credit)/Microsoft Word II (1 credit) Chemistry (2 credits) or Physical Science (1 credit)/Astronomy, Meteorology or Geology or Ecology (1 credit) Database/Spread Sheets (1 credit) Elective(s)/Study Hall</p>
Grade 11	<p>English III (2 credits) Integrated Math III (2 credits) United States History (2 credits) Physical Education Accounting I (2 credits) Personal Finance (1 credit)/Business Law (1 credit) Speedwriting I (1 credit)/Speedwriting II (1 credit)</p>
Grade 12	<p>Applied Business Communication (1 credit)/Web Page Design (1 credit) Business Principles (1 credit)/Marketing-Sales (1 credit) Accounting II (2 credits) Physical Education Desktop Publishing (1 credit)/Modern Business Presentations (1 credit) Personal Finance (1 credit)/Psychology (1 credit) Elective(s)/Study Hall</p>

Technical Drawing PCCS Sequence

Grade 9	<p>English I (2 credits) Algebra I (2 credits) Biology (2 credits) Physical Education Introduction to Technology (2 credits) Elective(s)/Study Hall</p>
Grade 10	<p>English II (2 credits) Geometry or Algebra Physical Education/Health CAD I (1 credit)/CAD II (1 credit) Computer Concepts and Software Applications I (1 credit)/Computer Concepts and Software Applications II (1 credit) Psychology (1 credit)/Personality and Behavior (1 credit) Elective(s)/Study Hall</p>
Grade 11	<p>English III (2 credits) Integrated Math III (2 credits) United States History (2 credits) Physics (2 credits) or Physical Science (1 credit) in Astronomy, Meteorology, Ecology or Geology CAD III (Mechanical) (2 credits) Art I (2 credits) Physical Education</p>

Grade 12 Applied Business Communication (1 credit)/Microsoft Word 1 (1 credit)
Physical Education
Consumer Education (1 credit)/Electronics I (1 credit)
CAD III (Architectural) (2 credits)
Art II (2 credits)
Elective(s)/Study Hall

Every course offered at OTHS is open to all students who meet recommended prerequisites regardless of sex, race, or religion. **All courses listed are subject to cancellation or modification.**

Curriculum 2010-2011 at a Glance

English:

English 1
 Honors English 1
 (Literacy Support)
 English 2
 Honors English 2
 (Bas. Eng. 3)
 English 3
 Honors English 3
 AP English Literature & Composition
 (Journalism)
 Speech+(S)*
 Creative Writing (S)
 Advanced Comp.*+ (S)
 Great Ideas in Lit. (S)
 World Literature 1 (S)
 World Literature 2 (S)
 (Contemp. Literature) (S)
 (Literature and Life) (S)
 (ELL)

Mathematics:

(Pre-Algebra)
 Algebra 1
 Honors Algebra 1
 Geometry
 Honors Geometry
 Algebra 2
 Honors Alg. 2/Trig. *
 Pre-Calculus
 Accel. Pre-Calculus*
 AP Calculus*
 (Math Lab)
 (Math Essentials)

Science:

Biology
 Honors Biology
 Geosciences
 Chemistry
 Acc/Honors Chemistry*
 Adv. Chemistry*+
 Physics
 Human Anatomy & Physiology
 Acc. Physics*
 Advanced Biology*
 Physical Science (S)
 Astronomy (S)
 Meteorology (S)
 Ecology (S)
 Geology (S)
 Topics in Physics (S)

Social Science:

World History
 Honors World History
 U.S. History
 AP U.S. History*
 American Government (S)
 AP American Government (S)
 Psychology (S)
 Personality & Behavior (S)
 Sociology (S)
 Minorities (S)

State & Local History (S)
 Current Problems (S)

Consumer Education:

Personal Finance (S)
 Applied Consumer Economics (S)
 Economics (S)
 Intro. to Business

Health, Driver Ed., Physical Ed., Sports Medicine:

(Basic Health) (S)
 Health (S)
 Freshman PE (S)
 PE (S)
 PE-Strength & Conditioning (S)
 Adaptive PE
 Driver Ed./Personal Dev. (S)
 Sports Medicine

Agriculture:

Introduction to Agriculture
 Agribusiness Operations (S)
 Agribusiness Management (S)
 Animal Science (S)
 Environmental Science (S)
 Natural Resources Man. (S)
 Ornamental Horticulture (S)
 Landscape Design & Maint. (S)

Art:

Art 1
 Art 2
 Art 3
 Art 4
 Crafts
 3 Dimen. Design
 Graphic Design (S)

Business:

Intro. to Business
 Accounting 1
 Accounting 2
 Computer Con. I/Software App (S)
 Computer Con.II/Software App (S)
 Microsoft Word (S)
 Database/Spreadsheets (S)
 Desktop Publishing (S)
 Microsoft Power Point (S)
 Web Page Design (S)
 Speedwriting 1 (S)
 Speedwriting 2 (S)
 Recordkeeping (S)
 Marketing/Sales (S)
 Business Law (S)
 Business Principles (S)
 Applied Bus. Communications (S)

Cooperative Education:

Cooperative Education

Family & Cons. Science:

Foods I (S)
 Foods II (S)
 Vocational Foods Service
 Vocational Culinary Arts

Sewing Technology
 Fashion Merchandising (S)
 Living Environment (S)
 Adult Living (S)
 Parenting (S)
 Vocational Child Care (2 hours)

Foreign Language:

French 1
 French 2
 French 3
 French 4
 German 1
 German 2
 German 3
 German 4
 Spanish 1
 Spanish 2
 Spanish 3
 Spanish 4

Health Occupations Ed:

(includes all 3 classes below)
 Orientation to Health Occupations
 Nurse Assistant One
 Nurse Assistant Two (2 hours)

Independent Study:

Independent Study (S)

Ind. Technical Education:

Introduction to Technology
 Power Technology (S)
 Electronics 1 (S)
 Electronics 2
 Electronics 3
 CAD 1 (S)
 CAD 2 (S)
 CAD 3 (Mechanical Drawing)
 CAD 3 (Architectural Drawing)
 Woods 1 (S)
 Woods 2 (S)

Building Trades 1 (2 hours)
 Building Trades 2 (2 hours)
 Voc. Auto Mechanics 1 (2 hours)
 Voc. Auto Mechanics 2 (2 hours)

Music:

Band
 Choir
 Music Theory

Study Hall:

Study Hall (S)

() class does not meet 4-yr college entrance req.

* weighted course (see page 7)

+ dual credit class

(S) semester course

Journalism 11-12 2 Credits Year Course

Prerequisite: None
 News writing, feature writing, editorial writing, and news style are studied, practiced, and published. Editing, design, headline writing, graphics, and mechanics are studied and practiced. Students will be required to interview, research, and write articles for publication in “*The Pirate Press*”, and “*The Times*”. Editing techniques will be utilized in all articles. Students, who are outgoing, self-motivated, received a grade of at least a “B” in sophomore composition, and who like to write will excel in this course.

English Language Learners (ELL) 9-10-11-12 2 Credits Year Course

Prerequisite: None
 Transitional Program of Instruction (TPI-English)
 Prerequisite - Recommendation of TPI Staff
 This class is structured for students, with a native language other than English, who have yet to achieve full proficiency in English. The program goal is to use individualized competency based instruction to facilitate the student’s ability to transition to OTHS’s standard English program. This course may be repeated for credit until English language proficiency can be demonstrated.

ELL Resource 9-10-11-12 2 Credits Year Course

Prerequisite: Recommendation of TPI Staff
Does not meet English graduation requirements
 This course is planned with emphasis on basic academic skills as a supplement to regular course offerings for those students with a native language other than English. The course will meet up to one hour per day based on the needs of the student. This course may be repeated until the student can be fully transitioned to OTHS’s standard program.

Mathematics

All students need 6 semester of mathematics to graduate. Two semesters must be Algebra I. Two semesters must be a course that has geometry content. State Universities recommend at least 3 years of Mathematics.

Regular Mathematics Sequence (ending with minimum graduation requirements)

- Pre-Algebra (Pre-Algebra will not meet post-high school entrance requirements)
- Algebra I
- Geometry
- Algebra II
- Pre-Calculus

Accelerated Mathematics Sequence

- Honors Algebra I
- Honors Geometry
- Honors Algebra II and Trigonometry (Weighted – class of 2011)
- Honors Pre-Calculus (Weighted – class of 2011)
- AP Calculus (Weighted)
 (Honors students who begin this sequence in their freshman year may wish to take two of the courses during their sophomore year if they are certain that Calculus is a necessary part of their curriculum.)

MATH SEQUENCE

Freshman

- Pre-Algebra
- Algebra I
- Honors Algebra I
- Honors Geometry

Sophomores

- Algebra I
- Honors Geometry

Accelerated/Honors Algebra II & Trigonometry

Juniors and Seniors

Math Essentials (11 only)

Accelerated/Honors Algebra II & Trigonometry

Pre-Calculus

Accelerated Pre-Calculus

Algebra II

Seniors

AP Calculus

COURSE OFFERINGS

Math Lab 9 2 Credits Year course

Prerequisite: Teacher recommendation and student must be concurrently enrolled in Algebra I

This course is designed to enable students to become successful, autonomous learners of mathematics. It will focus specifically on organizational skills, note-taking and study skills, and basic math skills. These skills will be developed by working independently using manipulatives, worksheets and games. While this class will provide assistance for Algebra I, it is not a math study hall. **The two credits are elective credits and do not fulfill mathematics graduation requirements.**

Math 1 2 Credits Year Course

Prerequisite: Students must have the permission of the director of special services to enroll in this course.

This math course is an entry level high school math course designed to reinforce the student's prior knowledge and skills in math. Along with reviewing material that the student has previously learned such as addition, subtraction, multiplication, and division, the student will be introduced to many new math concepts in preparation for Math 2. Students will explore data and graphs, fractions, geometry, proportions, percents, and probability.

Math 2 10 2 Credits Year Course

Prerequisite: Students must have the permission of the director of special services to enroll in this course.

This math course is the next math class in the basic math sequence. The purpose of this course is to prepare students for Pre-Algebra. Although this course is designed to build on the concepts obtained in Math 1, the student will learn new concepts as well. The students will be introduced to the display and analysis of data, patterns and rules, measurement, and a more advanced understanding of geometry.

Pre-Algebra 9 2 Credits Year Course

Prerequisite: None

This course is designed for those students who need reinforcement in their computational and problem-solving skills. The student will review basic fundamentals, learn problem-solving strategies, math facts, and mental math. This course will not meet post-high school requirements. Students will be placed into Pre-Algebra based upon 8th grade mathematics instructor recommendation.

Algebra I 9-10 2 Credits Year Course

Prerequisite: None

This is a comprehensive course in algebra designed for the average mathematics student. The class will emphasize symbol manipulation and linear equations, this will include algebraic expressions, equations, inequalities, linear functions, graphs, laws of exponents, polynomials, factoring, quadratics, and rational expressions.

Honors Algebra I 9 2 Credits Year Course

Prerequisites: Explore score of 18 or greater, teacher recommendation

This course is a comprehensive course in algebra designed for the college bound advanced mathematics student. Students will study the topics listed under Algebra I plus an introduction to probability. Honors Algebra consists of an enriched curriculum that fosters creativity and imagination, emphasizes peer

collaboration, and emphasizes higher level thinking skills. Students will experience more in-depth study of the subject matter. When appropriate, the pace of instruction will be accelerated and the study of materials will be more challenging.

Geometry **10-11** **2 Credits** **Year Course**

Prerequisite: Algebra I

This is a comprehensive course in geometry emphasizing logical reasoning and spatial visualization skills designed for the average mathematics student. Students develop higher level thinking skills by the use of mathematical analysis, evaluation, and deductive and inductive reasoning. Students learn technical skills and study angles, lines, triangles, polygons, circles, area and volume.

Honors Geometry **9-10** **2 Credits** **Year Course**

Prerequisite: Successful completion of Algebra I, Explore score with a percentile rank of 85% or greater, teacher recommendation.

This is a comprehensive course in geometry enhanced by emphasizing and integrating logical reasoning and spatial visualization skills. Students develop higher thinking skills by the use of mathematical analysis, evaluation, research, and deductive and inductive reasoning. Students learn technical skills, become familiar with symmetry and transformation, and study angles, lines, and circle relationships in depth. Independent thinking is encouraged, projects are developed, problem-solving skills are stressed, and the students learn to apply geometric knowledge and skills to a variety of purposes. Honors coursework consists of an enriched curriculum that fosters creativity and imagination, emphasizes peer collaboration and higher level thinking skills, and provides an opportunity for independent learning. Students will experience more in-depth study of the subject matter. When appropriate, the pace of instruction will be accelerated and the study of materials will be more challenging.

Math Essentials **11 only** **2 Credits** **Year Course**

Prerequisite: None

This course will review fundamental algebra and geometry concepts and will be taught primarily through computer modules. Additionally, test taking strategies will be introduced to prepare students for standardized tests. Open to any junior who was enrolled in the regular math sequence who is not ready for Algebra II. All juniors not enrolling in any math class will be required to take this course. Also, any junior who has failed one or more math classes will be required to take this course.

Algebra II **11-12** **2 Credits** **Year Course**

Prerequisite: Geometry

This course is a continuation of Algebra I and is designed for the average mathematics student. It is a study of lines, the complex number system, quadratics, series of numbers, and right triangle trigonometry. The student must have a solid grasp of Algebra I and Geometry.

Accelerated / Honors Algebra II and Trigonometry (Weighted- class of 2011)

10-11 2 Credits Year Course

Prerequisite: Honors Geometry or Accelerated Geometry

This course is a continuation of Honors Algebra I. It is a study of the complex number system, and work is done with graphing quadratics and studying series of numbers and triangles. The student must have a solid grasp of Algebra I.

This course is fast paced and students will be expected to do accelerated work.

Pre-Calculus **11-12** **2 Credits** **Year Course**

Prerequisite: Algebra II

This course is designed to prepare the average mathematics student to begin the study of Calculus. It includes the topics of functions, function families, inverses, transformations, exponents and logarithms, analytic geometry, and sequences and series with an emphasis on trigonometry.

Accelerated Pre-Calculus (Weighted) **11-12** **2 Credits** **Year Course**

Prerequisite: Accelerated Algebra II and Trigonometry

Physical Science **10-11** **1 Credit** **One Semester**

Prerequisite: None

Physical Science is a laboratory oriented science course required of all sophomores or juniors who will not be taking Chemistry or Physics. Emphasis is placed on problem solving through hands-on activities. Students will use a variety of critical thinking skills and learning styles to realize unit objectives. The first six weeks will cover lab safety, the System International (metric system) and scientific processes. The second six weeks will cover selected topics in physics and the third will cover selected topics in chemistry. Students who have passed one or more semesters of chemistry or physics cannot take Physical Science.

Geology **10-11-12** **1 Credit** **One Semester**

Prerequisite: None

This course deals with physical and historical geology, with an understanding that earth is a system and also emphasizing plate tectonic theory. Laboratory work will include inspection of rock, mineral and fossil specimens. Topics investigated include earthquakes and volcanoes and their relationship to plate tectonics, geologic time, fossils, the chemistry of rocks and minerals, weathering and erosion, soil formation, mass wasting events, mapping and environmental issues such as acid rain and global warming.

Astronomy **10-11-12** **1 Credit** **One Semester**

Prerequisite: None

This course is an introduction to astronomy. Topics investigated will include understanding the use of telescopes and the electromagnetic spectrum, composition of stars, stellar evolution, types of galaxies, black holes, the big bang theory of the origin of the universe, structure of the sun and its effect on Earth's environment, the solar system and its contents, planetary evolution, the moon and its relationship to Earth, rocketry and the history of space exploration. Opportunities will be provided for hands-on activities and in-depth investigations of various topics.

Meteorology **10-11-12** **1 Credit** **One Semester**

Prerequisite: None

This course is an introduction to meteorology. Topics investigated will include the structure and composition of the atmosphere, elements of weather (temperature, humidity, air pressure) and their measurement, cloud classification, forms of precipitation, air masses, fronts, storm formation and severe weather (thunderstorms, tornadoes, hurricanes, blizzards), weather stations, forecasting and environmental issues such as acid rain and climate change. Opportunities will be provided for hands-on activities and in-depth investigations of various topics.

Geosciences **9** **2 credits** **Year course**

Prerequisite: None

Geosciences is a laboratory science course alternative to Biology for freshman that would fulfill the physical science requirement. Emphasis is placed on problem solving through student-centered activities, note-taking skills and enhancing critical thinking skills for multi-disciplinary learners. Topics covered include basic science skills, physics, chemistry, and earth systems. This course will prepare students for Biology sophomore year. This course is not available for repeat.

Ecology **10-11-12** **1 Credit** **One Semester**

Prerequisite: Biology, Life Science, or Basic Science

A study of the ecological relationship of man to his environment. The conservation, preservation and wise use of natural resources will be emphasized. Laboratory investigation, field trips, and field studies will be included as part of the classroom instruction.

Animal Science (Zoology) **10-11-12** **1 Credit** **Semester Course**

Prerequisite: None

This course introduces the principles of zoology through the study of wild vertebrate animals of North America. This course gives the descriptions of lives, structures, growth, and classification of species in their natural habitats, and raises critical thinking questions to initiate the steps taken in the process of scientific discovery. This course also helps the student appreciate how each animal is adapted to its environment and highlights ways that humans and animals can reduce competition for resources that are

needed by both. Students taking this course will receive science credit towards graduation and also have the opportunity to join and participate in FFA activities. This course will fulfill one semester of credit towards the science requirement.

Environmental Science 10-11-12 1 Credit Semester Course

Prerequisite: None

This course examines the relationship of man and the environment. The impact that man and his activities have on the environment will be investigated. Areas of emphasis include: types of ecosystems, wildlife management, forest management, soil conservation, fresh and saltwater fisheries management, land use, and water and air quality. Careers of game wardens, fisheries biologists, soil and water conservationists, and related occupations will be examined. The students may also have the opportunity to participate in the LaSalle County Envirothon competition. This course will fulfill one semester of credit towards the science requirement.

Chemistry 10-11-12 2 Credits Year Course

Prerequisite: Successful completion of Biology and one year of Math

This course is designed for those who intend to enter the supporting fields of medicine or engineering; (such as pre-dental hygiene, pre-nursing, medical technicians, etc.), or those who desire an understanding of every day chemistry. Emphasis will be placed on demonstration and laboratory experiments of principles.

Accelerated / Honors Chemistry (Weighted – Class of 2011)

10-11-12 2 Credits Year Course

Prerequisite: Recommend "A" or "B" in 9th grade Math

This chemistry course is designed for those who plan to do work in college chemistry in an exacting field; science and engineering, pharmacy, pre-med, 4 year nursing degree, etc. Emphasis will be placed on laboratory experiments, reasoning, and problem solving. In-depth understanding of concepts will be expected. This is a recommended prerequisite for Advanced Chemistry.

Advanced Chemistry (Weighted) 11-12 2 Credits Year Course

Prerequisite: Honors/accelerated chemistry or consent of instructor.

This course will consist of a review of selected topics from first year chemistry and continue with new material including electrochemistry, pH, and thermodynamics. Laboratory experiments are crucial to this course and students will be required to purchase safety goggles and a laboratory notebook; all other equipment and materials will be provided. This course is essential to students interested in the engineering, medical, and pharmaceutical fields. This course is offered as a dual credit course. You will receive credit from Ottawa Township High School towards graduation and may sign up for CHEM 1004 credit from IVCC at a fraction of the cost of the on campus course. You may also choose to take the advanced placement chemistry exam to receive college credit without signing up for the IVCC credit, but you cannot do both. Please see the instructor or counselor before the end of the school year for information about the dual option.

Physics 11-12 2 Credits Year Course

Prerequisite: Completion of two years of math

An introductory physics course studying the fundamental laws of nature. Topics covered include: Newton's laws, simple machines, momentum, energy, gravity, projectile, and satellite motion, sound, light, waves, electricity, magnetism, and nuclear radiation. A variety of instructional methods are used including: laboratory experiments, the textbook *Conceptual Physics*, field trips, videos, and lecture. Although mathematics is involved, a "hands on" approach is used and the emphasis is on the concepts of physics rather than mathematical interpretation.

Topics in Physics 11-12 One Credit One Semester

Prerequisite: Successful completion of two years of science.

This course will consist of the discussion and research of selected topics in physics. Topics of study will consist of Modern Physics such as Einstein's special theory of relativity, string theory, and black holes in

addition to current research events. There will be several books utilized during the semester and students should expect reading and writing assignments on a regular basis.

Accelerated Physics (Weighted) 11-12 2 Credits Year Course

Prerequisite: Enrollment in pre-calculus, accelerated pre-calculus, or AP calculus

A college preparatory physics course that studies the fundamental laws of nature. This course utilizes upper level mathematics to interpret the laws of physics; therefore the pre-requisite is necessary to insure that the student excels at their studies. This course covers the majority of the topics on the College Board Advanced Placement Exam, and the student may take the Advanced Placement Exam for college credit if they desire. Topics covered include: kinematics, force, circular motion, gravity, collisions, waves, sound, light, electricity, optics, quantum mechanics, elementary particles, nuclear radiation, and astrophysics. A variety of instructional methods are used including: laboratory experiments, lecture, the textbook *Physics* by Douglas Giancoli, and applicable videos. Students should expect homework on a regular basis due to the nature of the material.

Advanced Biology (Weighted) 11-12 2 Credits Year Course

Prerequisite: Honors Biology or Chemistry

Topics covered include biochemistry, cell biology, metabolism, genetics, population genetics, anatomy and physiology and bio diversity. Lab activities investigating major concepts will reinforce class discussion.

Minorities 10-11-12 1 Credit One Semester

This history course will study the struggles of minority groups in their fight for equal civil rights in American society. There will be a focus on the African-American civil rights movement and the other civil rights movements it inspired in the 1960's and 1970's such as the Native American, Mexican, and women's movements. The concepts of racism, prejudice, and discrimination will be discussed in historical as well as in present-day situations.

U.S. History 11 2 Credits Year Course

Prerequisite: None.

This course is required of all juniors except those taking A.P. U.S. History. The development of U.S. political, social, and cultural institutions as well as geography is emphasized in this course. The course covers the time period of the Civil War to the present. Successful completion of U.S. History or AP U.S. History is required for graduation.

Advanced Placement United States History 11 2 Credits Year Course

Prerequisite: Honors World History and AP Government with a grade of 'C' or better and/or teacher recommendation

Advanced Placement U.S. History is an intensive, college-level course in the major themes of American History. Students must earn a grade of A, B, or C to receive the weighted grade. Students will be required to complete a summer reading. Students will be dropped from the class and placed into regular United States History if the summer reading is not completed, or if their six weeks grade is below a "C," (70%) average. Successful completion U.S. History course or AP U.S. History is **required** for graduation.

Psychology 10-11-12 1 Credit One Semester

Prerequisite: None.

A basic introductory course in Psychology dealing with analysis and description of individual human behavior with special reference to: A general look at Psychology, psychological methods, human development, biological influences on behavior, measuring intellectual ability, principles of learning, learning, remembering and forgetting, the process of thinking, coping with stress, sleep and dreams, parapsychology, and abnormal behavior. Emphasis will be on psychological principles as they relate to daily life.

Personality and Behavior 10-11-12 1 Credit One Semester

Prerequisite: None.

This course provides the opportunity for an in-depth study of new trends and theories in Psychology that will enable an individual to understand his own behavior and others more clearly. Major emphasis will be placed on how behavior is motivated, how individuals learn intelligent behavior, personality, and applications of Psychology to various social issues.

Sociology 10-11-12 1 Credit One Semester

Prerequisite: None.

An introductory course in sociology focusing on the study of people, social life, and society. Students will gain an understanding of human behavior by studying groups and their role in society. Areas of focus will include the development of sociology, early and current sociological theories, culture, socialization, social structure, research, group dynamics, deviance, lifecycles, racism, and gender inequalities and their influence on current times. Group work is a key aspect of this class.

Applied Consumer Economics 11-12 1 Credit One Semester

Prerequisite: None.

Utilizing the Junior Achievement materials, the course provides students the opportunity to interact on a regular basis with a representative of the local business community. There is a strong focus on mathematics, reading, writing, and team building skills through a variety of hands-on activities and supplemental material. Students will enhance their understanding and take advantage of America's Free enterprise System by creating and building a student-run business. Students will market and sell a product throughout the semester. **(This course fulfills the consumer education requirement, it does not fulfill a social science elective credit).**

Economics 11-12 1 Credit One Semester

Prerequisite: Should be enrolled in a college preparatory curriculum.

Economics consists of an introduction to the forces directing our economy. Major concepts of both microeconomics and macroeconomics will be studied. Students going on to college, especially in the area of Business or Social Science should take this course. **(Fulfills Consumer Education Requirement)**

State and Local History 10-11-12 1 Credit One Semester

Prerequisite: None.

In this course the city of Ottawa, LaSalle County, and the state of Illinois will be examined as a case study of U.S. History. The course will cover Illinois history from prehistoric times to the present day. Topics students will study include Native American Indians, European exploration and immigration, the growth of cities, the role of Ottawa and Illinois in U.S. wars, transportation systems, and local families and businesses, etc. State geography, economics and political science will also be emphasized. This course includes various written projects and an exam at the end of each six-week grading period.

American Government 10 1 Credit One Semester

Prerequisite: None.

American Government is a required course designed for students in the 10th grade. This course is a comprehensive study of the American system of government at the federal, state, and local levels. Students will learn the origins of the basic principles of American government and how to apply these principles towards becoming active, responsible citizens. **This course includes the United States Constitution Test which is a requirement for graduation.** Note: Out-of-state transfer students must pass the flag and Illinois Constitution portions of the test if they have previously passed the United States Constitution Test.

Advanced Placement Government 10 1 Credit One Semester

Prerequisite: Honors World History with a grade of 'C' or better and/or teacher recommendation.

Advanced Placement U.S. Government and Politics is an intensive, one semester, college course that gives students an analytical perspective on government and politics in the United States. Students who successfully complete this course will know important facts, concepts, and theories pertaining to U.S. government and politics. They will understand typical patterns of political processes and behavior and their consequences (including the components of political behavior, the principles used to explain or justify various government structures and procedures, and the political effects of these structures and procedures.) Students will be able to analyze and interpret basic data relevant to U.S. government and politics. Students will also be able to critically analyze relevant theories and concepts, apply them appropriately and develop their connections across the curriculum. **This course includes the United States Constitution Test which is a requirement for graduation.**

Current Problems 10-11-12 1 Credit One Semester

Prerequisite: None.

This Social Science course will focus on local, state, national and international events currently happening in the world. The Internet, periodicals, newscasts, and newspapers will comprise the majority of materials utilized within the course. Methods of research, discussion, and the use of technology will be points of emphasis. Students will learn how to think critically and develop the skills of gathering, analyzing, organizing, assessing, and debating. This course will be valuable to thinkers, writers, and Internet users.

Consumer Education

The requirement for Consumer Education can be satisfied by successfully completing any of the following courses.

Introduction to Business 9-10-11-12 2 Credits Year Course

Prerequisite: None.

This introductory level class introduces students to the business world and helps them prepare to deal successfully with -- and become a part of -- the business community. This offering is designed to help students understand the role of business in a free enterprise economic system. It provides economic principles, concepts, and understandings for preparation of individuals as effective citizens, consumers and employees/employers, participating in the American economy. This class will develop students' abilities to make personal financial decisions in the areas of budgeting, record-keeping, insurance, real estate, transportation and financial institutions and services. Students will learn about topics such as advertising, nutrition, grocery shopping, auto ownership, housing, clothing, banking services, credit, taxes, insurance, and consumer action.

Applied Consumer Economics 11-12 1 Credit One Semester

Prerequisite: None.

Utilizing the Junior Achievement materials, the course provides students the opportunity to interact on a regular basis with a representative of the local business community. There is a strong focus on mathematics, reading, writing, and team building skills through a variety of hands-on activities and supplemental material. Students will enhance their understanding and take advantage of America's Free enterprise System by creating and building a student-run business. Students will market and sell a product throughout the semester.

Economics 11-12 1 Credit One Semester

Prerequisite: Should be enrolled in a college preparatory curriculum

Economics consists of an introduction to the forces directing our economy. Major concepts of both microeconomics and macroeconomics will be studied. Students going on to college, especially in the area of Business or Social Science should have this course.

Personal Finance 11-12 1 Credit One Semester

Prerequisite: None

The purpose of this course is to orient students to their role as consumers in the free enterprise system. As a result, students should be better able to participate as citizens, workers, and consumers. This course will teach students how to manage their personal resources by making informed choices as consumers in the marketplace. The abilities to make personal financial decisions in the areas of budgeting, record keeping, insurance, real estate, and financial institutions and services will be emphasized in the learning activities.

Cooperative Education 11-12 6 Credits Year Course

Prerequisite: Student must have the high school courses necessary to be prepared to successfully pursue occupational training from the local businesses in the Ottawa Township School District.

Enrollment Procedure - Student must obtain an application for Co-op from his or her counselor or in room 209. The application must be completed and the applicant interviewed prior to the end of the school year. During registration the student will be asked to fill out a complete schedule excluding Cooperative Education. Placements will be made over the summer at which time students will be notified and required to make a schedule change. Students may not enroll in Co-op mid year.

This program is designed to give students an opportunity to receive further training in their chosen vocational area. A student enrolled in the program attends school four periods daily and works on-the-job for three periods. Physical Education and Co-op class are required as two of the four periods on-campus. Classroom material includes job-related topics, employment law, writing resumes and handling money.

Sports Medicine 11-12 2 Credits Year Course

Prerequisite: This is a junior/senior course only. It is strongly suggested that each student should have successfully completed regular Health.

This course counts for 1 PE credit (2 semesters of PE). This class deals with athletic related injuries. The class will discuss assessment and evaluation of injuries, as well as, the treatment and rehabilitation of such injuries. The classes involve both lecture and labs. Athletic taping of arches, ankles, shins, elbows, wrists, and fingers will be required in some labs. Wrapping shoulders, knees, and hips involve other labs. The use of the computer lab to study anatomy will also be a required lab.

Strength and Conditioning 10-11-12 ½ Credit Each Semester

Prerequisite: None

Ottawa Township High School uses the BFS (Bigger, Faster, Stronger) weight program for strength and conditioning class. It is ideally suited for male and female student athletes and is designed to improve flexibility, strength and conditioning. Many collegiate and professional athletes use the BFS program. BFS Level II certified staff at OTHS teach and supervise proper technique of the program's core lifts and make necessary accommodations to implement the use of sport-specific auxiliary lifts. A major emphasis will be placed on proper spotting and safety procedures.

Driver Education/Personal Development Age Requirement 1 Credit One Semester

Prerequisite: Age, credit and attendance requirement.

Driver Education is a course that requires a student to take classroom for one hour and lab another hour each day for 9 weeks. There is a \$20 fee charged at the beginning of the class to purchase a permit payable to the Secretary of State and a \$175 fee payable to Ottawa High School by the 2nd week of class. The course is offered during the school day and it is offered in the summer for all students who were unable to take the course during the school year. Before being admitted to driver education, the student must meet the following requirements:

1. Turn 16 the semester they enroll.
2. Receive 8 credits during the two previous semesters in courses that carry a GPA. (Example: P.E. does not count toward the 8 credits)
3. Not be absent in excess of 10% of the last 180 school days.
4. Summer School: Must turn 16 before January 15 of the next school year.
5. Students may NOT request both summer driving/driving during the school year - choose one or the other.
6. All failures in Driver Education can be made up in the summer or sign up the following school year.
7. Students who do not pass the simulator will not be able to drive.
8. This course is not required for graduation.

Personal Development meets one period a day during the opposite 9 weeks a student has driver education. This course is designed for the students to do a self-evaluation of their attitudes, responsibilities and goals in life. Self-image plays a very vital role in the success of individuals in both their personal and professional lives. The course looks at how to best form a strong independent self-image by being responsible for one's own actions. Areas covered are family, school, friends, values and how each of these affects lives. Personal development is not offered for those students taking summer driving.

ELECTIVES

Agriculture

Introduction to Agriculture **9-10** **2 Credits** **Year Course**

Prerequisite: None.

This course introduces students to the agricultural industry, the history and importance of agriculture, and how the industry is organized; agriculture's major components and basic concepts; the economic influence of agriculture at the local, state, national, and international levels, and the scope and types of career opportunities available in the field of agriculture. Areas of study include concepts in basic animal science, basic agricultural mechanization, basic science and technology in agriculture, agricultural occupations, basic soil science principles, basic food science technology, wildlife ecology, basic horticulture and landscaping, hydroponics, aquaculture microcomputer applications in agriculture and the history and organization of the FFA. Students will have the opportunity to participate in FFA activities.

Animal Science (Zoology) **10-11-12** **1 Credit** **Semester Course**

Prerequisite: None.

This course introduces the principles of zoology through the study of wild vertebrate animals of North America. This course gives the descriptions of lives, structures, growth, and classification of species in their natural habitats, and raises critical thinking questions to initiate the steps taken in the process of scientific discovery. This course also helps the student appreciate how each animal is adapted to its environment and highlights ways that humans and animals can reduce competition for resources that are needed by both. Students taking this course will receive science credit towards graduation and also have the opportunity to join and participate in FFA activities. **This course will fulfill one semester of credit towards the science requirement.**

Environmental Science **10-11-12** **1 Credit** **Semester Course**

Prerequisite: None.

This course examines the relationship of man and the environment. The impact that man and his activities have on the environment will be investigated. Areas of emphasis include: types of ecosystems, wildlife management, forest management, soil conservation, fresh and saltwater fisheries management, land use, and water and air quality. Careers of game wardens, fisheries biologists, soil and water conservationists, and related occupations will be examined. The students may also have the opportunity to participate in the LaSalle County Envirothon competition. **This course will fulfill one semester of credit towards the science requirement.**

Natural Resources Management **10-11-12** **1 Credit** **Semester Course**

Prerequisite: None.

This course explores the history of natural resource conservation in the United States and the current issues that face our country today. Student knowledge and skills are developed in understanding the importance of managing our natural resources wisely. Areas of study includes: soil and water conservation, fish and wildlife management, forest management, and renewable and non-renewable fuels. Students will learn how to figure slope using a hand level, measure standing lumber using a Biltmore stick, how to read a map and use both a compass and a GPS receiver for orientation purposes. Natural resource career opportunities will also be explored. Students taking this course will have the opportunity to join and participate in FFA activities.

Art 1 9-10-11-12 2 Credits Year Course

Prerequisite: None.

The students will be required during the first six weeks to furnish their own supplies and equipment that will cost approximately \$35.00. There will also be small costs throughout the year for miscellaneous supplies needed. Students with financial difficulties who cannot afford the required supplies should check with their counselor, principal or teacher.

The basic elements and principles of design (line, shape, color, texture, space, emphasis, balance, rhythm and value) will be studied with various projects in each. Some art history and appreciation will also be covered. The projects will deal with subject matter from still life, figure and landscape with the processes of drawing, painting, printmaking, design, perspective, commercial art techniques and lettering. Media to be used includes pencil, charcoal, conte', ink, pastel, acrylic paints, watercolor paints, markers, colored pencils, collage materials, digital camera, etc. The instructor according to the needs and interests of the class chooses sequence and projects. The first six weeks are almost always spent on drawing and value. All assignments are given a point value and graded accordingly. Extra credit and/or outside work assignments are at the individual instructor's discretion.

Art 2 10-11-12 2 Credits Year Course

Prerequisite: Art 1

Processes used in Art 1 are explored in greater depth. New media and techniques will be introduced. Art history will be taught in the context of the projects. Creative problem solving has greater emphasis than in Art 1. The instructor, according to the needs and interests of the class, chooses sequence and projects. The students will be required to keep a digital as well as standard portfolio. The students will be required to furnish their own supplies that will cost approximately \$40.00. These materials are much the same as those used in Art 1 and Art 3, etc., and can be reused. There will be small costs during the year for miscellaneous materials. Students with financial difficulties should check with their teacher, counselor, or the Principal. No one will be refused for financial difficulties.

Art 3 11-12 2 Credits Year Course

Prerequisite: Art 2

This course requires students to put to use the technical skills they acquired in Art 1 and 2 in projects they create based on a variety of issues and themes. Art history is incorporated into the context of the projects. Advanced and new techniques in printmaking, oil, acrylic, and water painting, photography, and dry media will be presented. The instructor, based on the needs and interests of the class, will choose the sequence and projects. These may change each year. Digital and standard portfolios will be kept and evaluated. The students will be required during the first six weeks to furnish their own supplies that will cost approximately \$40.00. There may be small costs during the year for miscellaneous materials. Students with financial difficulties should check with their teacher, counselor or the Principal. No one will be refused for financial difficulties. A student may register for Art 3 for one or both semesters.

Art 4 12 2 Credits Year Course

Prerequisite: Art 3

Students will be required during the first six weeks to furnish their own supplies and equipment that will cost approximately \$40.00. There will also be small costs during the year for miscellaneous materials needed. Students with financial difficulties who cannot afford to buy the required supplies should check with their counselor, Principal or teacher. This course is a continuation and extension of Art 1, Art 2, and Art 3. More advanced work in the areas of Art History, drawing, painting, printmaking, graphic design, lettering and graphic problems, caricatures, painting styles, figure drawing and relief will be introduced. Students possessing the necessary qualities for working with airbrush will be given the opportunity to do so. The instructor according to the needs and interests of the class chooses sequence and the particular projects. The first six weeks of the year are almost always spent on figure drawing and value. Each student will be required to maintain a sketchbook. When finishing a project the student is to work on their sketchbook. Each student will also keep a digital portfolio and/or slide portfolio of his/her work. A student may register for Art 4 for either one semester or both semesters.

Accounting II 11-12 2 Credits Year Course

Prerequisite: Accounting I

This course will help students acquire an in-depth knowledge of accounting procedures and techniques. Advanced topics include: accounting for accounts receivable, notes receivable/payable, inventories, vouchers, deferrals, and accruals. Students will also be introduced to accounting procedures for partnerships, corporations, departmental businesses, branch divisions, and manufacturing businesses. Accounting software will give students the opportunity to solve accounting problems on the computer. This course will be beneficial to students who plan to major in accounting in college.

Applied Business Communications 11-12 1 Credit Semester Course

Prerequisite: Computer Concepts and Software Applications

This course integrates English with workforce applications and hands-on computer activities. This course will focus on both written and oral communication in the workforce. Applied Business Communication is part of the Tech Prep sequence at Ottawa Township High School.

Business Law 11-12 1 Credit Semester Course

Prerequisite: None.

This course emphasizes the need of a practical knowledge of business law in every day life and the business world. The course attempts to develop a better understanding and appreciation of the rights and obligations of all citizens in their civic and business affairs. Students will study the trial system and attend a session at the criminal and civil courts. Emphasis is placed on law in everyday life.

Business Principles & Entrepreneurship 11-12 1 Credit Semester Course

Prerequisite: None.

Prerequisite - Introduction to Business or Consumer Economics or Personal Finance

This is an upper-level course covering management, marketing, finance and labor relations. Students will study the Business Plan and how to start-up and expand a small business. Students will apply their business skills to the start of a fictional business. Students who major in business will find this course beneficial.

Computer Concepts and Software Applications I 9-10-11-12 1 Credit Semester Course

Prerequisite: None.

Computer Concepts and Software Applications is an introductory course and a prerequisite for all other computer courses offered. This one semester course teaches the touch method of alphabetic and numeric keyboarding while introducing basic computer skills. Technique and skill building are emphasized while using instructional software accompanying the text. Students learn to format documents such as letters, memos, reports, and tables for personal, classroom, and business using Microsoft Word. They are also introduced to the basic elements of spreadsheets, desktop publishing, and presentations through the use of Microsoft Excel, Publisher, and PowerPoint.

Computer Concepts and Software Applications II 9-10-11-12 1 Credit Semester Course

Prerequisite: Computer Concepts and Software Applications I

Computer Concepts and Software Applications II is the continuation of Computer Concepts and Software Applications I which is the prerequisite for this course. This one semester course teaches advanced document formatting using Microsoft Office 2003 including Word, Excel, PowerPoint, Publisher, Access, Front Page and Windows. It is an orientation designed to develop awareness and understanding of business applications used by employees to perform tasks in business, marketing, and management. Students will apply problem-solving skills to hands-on, real-life situations. Business simulations will be used to develop employable skills. Students will also explore topics related to operating systems, computer concepts, technology careers and emerging technologies.

Database/Spreadsheets 10-11-12 1 Credit Semester Course

Prerequisite: Microsoft Word

The purpose of this computer course is to develop a working knowledge of database and spreadsheet programs (Microsoft Access and Excel). Students will become familiar with ways in which these programs have impacted microcomputer applications in personal and business computing. This class is a hands-on course and will prove beneficial for all students, whether planning to attend college or enter the work force at an entry-level position. The student will learn how to organize, create, edit, manipulate, and output information from databases and spreadsheets and complete business simulations using the software.

Desktop Publishing with Adobe PageMaker 11-12 1 Credit Semester Course

Prerequisite: Microsoft Word

This course introduces students to one of today's most requested computer skills, Desktop Publishing. Desktop Publishing technology gives business and industry the ability to produce brochures, letterheads, technical manuals, business cards and other publications in-house, providing considerable savings in time and money. In this class students will learn to use PageMaker, the popular Windows-based desktop publishing package, on an IBM compatible computer. Students will be taught the basics of good design and page layout using PageMaker. Special emphasis is placed on using PageMaker to create advertisements, flyers, and multi-page documents such as newsletters, pamphlets, menus, and a mini-magazine or a desktop publishing simulation.

Introduction to Business 9-10-11-12 2 Credits Year Course

Prerequisite: None.

Fulfills Consumer Education Requirement

This introductory level class introduces students to the business world and helps them prepare to deal successfully with -- and become a part of -- the business community. This offering is designed to help students understand the role of business in a free enterprise economic system. It provides economic principles, concepts, and understandings for preparation of individuals as effective citizens, consumers and employees/employers, participating in the American economy. This class will develop students' abilities to make personal financial decisions in the areas of budgeting, record-keeping, insurance, real estate, transportation and financial institutions and services. Students will learn about topics such as speedwriting, advertising, nutrition, grocery shopping, auto ownership, housing, clothing, banking services, credit, taxes, insurance, and consumer action.

Marketing/Sales 11-12 1 Credit Semester Course

Prerequisite: None

This course is designed to teach students marketing principles and practices as well as an overview of retailing and retail functions. Emphasis will be placed on the study of the principle markets for products and services, channels of distribution and the many activities and job opportunities that occur as a product moves from its point of origin to its point of use. Consideration is given to such topics as buying habits and motives, marketing research, product planning, advertising and sales promotion, selling activities and basic economic principles. Students will be required to participate in: market research, target marketing, promotion and sales, designed to foster a greater understanding of the marketing process.

Personal Finance 11-12 1 Credit Semester Course

Prerequisite: None

Fulfills Consumer Education Requirement

The main focus of this course is to prepare the students to become educated consumers in the marketplace. Topics that will be covered will include: careers, pay and benefits, taxes, budgeting, bank services, saving, investing, credit, housing, transportation, and insurance. This class meets the graduation requirement for consumer education. All students have the option of taking the Illinois Consumer Education Proficiency Test to proficiency out of this course.

Recordkeeping 9-10-11-12 1 Credit Semester Course

Prerequisite: None

This course is designed to teach students recordkeeping skills for vocational and personal use. Areas of study are: budgeting, petty cash records, bank reconciliation statements, calculating interest and installment price, preparing customer statements, preparing invoices and posting from journals. Students can develop the skills that will help prepare them for a variety of entry-level jobs in office and clerical occupations as well as learn basic skills that can be applied in their everyday personal lives. These skills will also be reinforced using software such as Excel and Access. This is a good introductory course for those who are contemplating accounting. Students will need to purchase a workbook for this course.

Speedwriting I 10-11-12 1 Credit Semester Course

Prerequisite: None

Students will learn an alphabetic shorthand system for writing that will be useful in high school, college, business, community, or personal activities. It is especially valuable for college-bound students in taking lecture and research notes and may prove helpful in getting a job requiring dictation skills. Memorization is a must.

Speedwriting II 11-12 1 Credit Semester Course

Prerequisite: Speedwriting I

This course is designed to broaden student’s speedwriting vocabulary, increase student’s ability to transcribe accurately and quickly, and to expand student’s knowledge of business practices and terminology.

Microsoft Word 9-10-11-12 1 Credit Semester Course

Prerequisite: Computer Concepts and Software Applications I

The purpose of this intermediate computer course is to provide college and business bound students with a working knowledge of Microsoft Word for Windows. This computer class will expand on the Microsoft Word fundamentals learned in Computer Concepts and Software Applications I. Upon completion of this course students will be able to format research papers, set and manipulate tabs, create outlines, use templates and wizards, apply visual appeal to documents, sort lists, mail merge, utilize Word Art, create charts, and use the desktop publishing features to create numerous promotional documents.

Microsoft Power Point 10-11-12 1 Credit Semester Course

Prerequisite: Microsoft Word

Learn how to make your presentations come alive with sound and animation. Students will utilize Microsoft PowerPoint to develop presentation skills necessary in today’s job market. Students will incorporate graphic design and public speaking for applications in the world of business. Students will be required to complete several individual and group presentations based on business situations.

Web Page Design 10-11-12 1 Credit Semester Course

Prerequisite: Microsoft Word

Web page design is one of today’s most demanded workforce skills. Students will learn how to design web pages for themselves as well as for the school website. They will learn to create exciting pages with text animation, tables, and graphics and to work with digital cameras and photos.

Cooperative Education

Cooperative Education I 11-12 6 Credits Year Course

Prerequisite: Student must have the high school courses necessary to be prepared to successfully pursue occupational training from the local businesses in the Ottawa Township School District.

Enrollment Procedure - Student must obtain an application for Co-op from his or her counselor or in room 209. The application must be completed and the applicant interviewed prior to the end of the school year. During registration the student will be asked to fill out a complete schedule excluding Cooperative Education. Placements will be made over the summer at which time students will be notified and required to make a schedule change. Students may not enroll in Co-op mid year.

This program is designed to give students an opportunity to receive further training in their chosen vocational area. A student enrolled in the program attends school four periods daily and works on-the-job for three periods. Physical Education and Co-op class are required as two of the four periods on-campus. Classroom material includes job-related topics, employment law, writing resumes and handling money. The co-op class fulfills consumer education requirements.

Family and Consumer Science

Sewing Technology 10-11-12 Two Credits Year Course

Prerequisite: None.

This lab class stresses clothing construction techniques involving the embroidery machines and computer scanner, computerized sewing machine, sergers, and advanced construction skills. Students will construct such projects as boxers, reversible vests, pants with zippers, shirts with buttons and holes, sleepwear, crafts, and quilting. **STUDENTS ARE RESPONSIBLE FOR THEIR OWN FABRICS, PATTERNS, AND SEWING SUPPLIES.** A sewing samples notebook created by each student, an all school craft show in December, and a school based embroidery business are important components of the class. Students learn how to read a commercial pattern, renovate and repair existing clothing, and embellish fabric. Students also learn the principles of entrepreneurship and earning money with learned sewing skills. Second semester will be more independent work with each student working at advanced projects of choice. **STUDENTS MAY ENTER THE COURSE AT SEMESTER TIME WITH PERMISSION OF THE INSTRUCTOR.**

Fashion Merchandising 11-12 One Credit Semester Course

Prerequisite: None.

This class explores the world of fashion merchandising, visual merchandising, merchandise advertising, and store organization through field trips and analysis of existing facilities. Projects include: creation of a store, developing a multi-media advertising campaign, reporting on period costumes that relate to history, exploring fashion designers and their impact on fashion, and creating store-front displays at OTHS and additional visual merchandising activities. Students interested in a future in fashion or looking for job skills in visual merchandising for other fields should find this class helpful.

Foods 1 or 2 Credits(s) Semester or Year Course

Prerequisite: Permission of the director of special services.

This is a hands-on class which focuses on meal planning and preparation. Students are introduced to a variety of foods and learn skills such as shopping, sanitation, safety, measurement, following directions and problem solving.

Foods I 9-10-11-12 One Credit Semester Course

Prerequisite: None.

This course will incorporate basic food preparation and nutrition. The students will prepare fruits, dessert bars, quick breads, pastry, dairy, and holiday vegetables. Increasing knowledge and skill in safety and sanitation procedures will be practiced throughout the course. Students will also learn how to correctly

write recipe cards for their own recipe collection. Upon completion of this course with a passing grade, a student may enroll in Foods II.

Foods II 9-10-11-12 One Credit Semester Course

Prerequisite: Foods I

As a continuation of Foods I, students will prepare recipes from the meat, poultry, salads, yeast breads, holiday foods and candy units. Cooking principles and advanced food preparation techniques will be applied to meal management. Students will prepare a recipe collection using recipes made in class. Upon passing Foods II, a student may enroll in Vocational Foods Service.

Vocational Culinary Arts 11-12 2 Credits Year Course

Prerequisite: Foods II

Students will have a basic understanding of food service careers, trends, education and training in the field of Culinary Arts. Professional employability skills will be introduced. Students will understand safety and sanitation principles that need to be followed in the commercial kitchen. Identification and use of equipment, technology used in the kitchen, and cooking techniques will be thoroughly identified. Students will understand the concepts of Breakfast Cookery, Stocks and Sauces, Soups and Appetizers, Knife Skills, Pasta and Grains, Fruits, Vegetables, Legumes and Baking Yeast and Quick Breads.\

Living Environment 11-12 1 Credit One Semester

Prerequisite: None.

This course is offered for the student who is interested in decorating his/her own home, college dorm, or enters into the field of interior design. Areas covered include use of color and design principles, furniture design and arrangements, home architectural designs, creating design concepts that fit personalities and needs, and creative use of accessories. Activities include coloring rooms using color schemes, creating an original house plan, designing original entertaining rooms, private rooms, and kitchens, and decorating a college dorm room on a budget. Practical experiences may include wallpapering, sponge/faux painting, refinishing furniture, flower arranging, or seasonal decorating.

Adult Living 11-12 1 Credit One Semester

Prerequisite: None.

This co-educational course involves couple oriented simulated activities based upon real life situations. Students will be "married" several times and work through life decision-making procedures. Areas of study include: money management, engagements and planning a wedding, communications skills, inter-personal relationships, resolving conflicts and fighting techniques, dealing with crises, divorce, death and effective parenthood. Guest speakers, hour field trips, community resources, films and role playing help meet individual needs both as a new adult setting out in the world and later as a married partner. This is a practical class dealing with real-life problems.

Parenting 11-12 1 Credit One Semester

Prerequisite: None.

This course is designed for personal use, however, college bound education majors will find this knowledge valuable. Through class activities, the student will participate in an extensive unit on family planning, pregnancy and childbirth. In addition, the student will learn to evaluate physical, social, mental and emotional development of the average child. The class will also consider methods of discipline and problem solving for 1-6 year old children. Visits to community facilities will be a part of the program along with the use of "Baby Think It Over" dolls.

Vocational Child Care - Two periods daily 12 4 Credits Year Course

Prerequisite: Parenting or the consent of the Division Chairman and teacher.

This course is designed to prepare male or female students for employment in the areas of early childhood and elementary education. Students will plan, prepare, and implement lessons in the preschool program at Ottawa High School. This course provides opportunities for adequate training of high school students for group and individual child care and provides a wonderful basis for college bound education majors. Students will demonstrate their ability to take responsibility, show self-initiative, and function successfully with others. The students will practice effective guidance, and evaluate and relate the child's actions to

what is studied in class. Students are required to take the parenting class before or concurrently with this course. Students have the opportunity to articulate with IVCC and receive six hours of college course credit after completing specific requirements.

Foreign Language

BECAUSE OF THE FREQUENT USE OF IN-CLASS VIDEOS AND CDS, STUDENTS WITH FREQUENT ABSENCES ARE LIKELY TO ENCOUNTER DIFFICULTY IN FOREIGN LANGUAGE COURSES.

Class participation, especially oral participation, is an integral part of foreign language study; therefore, a class participation grade will be calculated as part of the student's six weeks grade in all foreign language classes.

French I 9-10-11-12 2 Credits Year Course

Prerequisite: None.

The students will study and practice basic grammar and vocabulary. Students will be expected to use their accumulated knowledge in classroom conversations. Students will be able to recognize and demonstrate accurately basic language patterns in conversation, reading, and writing. Students will respond to simple commands and be able to give commands. The students will be able to compose short answer and short essays on exams. Cultural studies will introduce students to France and to other French speaking countries. Students will also learn the history and geography of France as they build language skills and vocabulary. The student will be able to conduct conversations in French that demonstrate their ability to get in and out of travel situations. Evaluation of the student will be based on tests, quizzes, conversation, oral participation, and project(s). Students will need to purchase a workbook for this course.

French II 10-11-12 2 Credits Year Course

Prerequisite: French I – A grade of “C” or above is strongly suggested.

A review of grammar and vocabulary will begin the second year of French. The course will incorporate vocabulary and grammar building activities to enhance the student's ability to communicate in French in many different social and travel situations. Students will be able to demonstrate their knowledge of how to get around in travel situations. Students will be expected to demonstrate their knowledge of the language by their use of the language in the classroom. Evaluation of course work will be based on tests, quizzes, conversation, daily oral participation in French, and projects. Students will need to purchase a workbook for this course.

French III 11-12 2 Credits Year Course

Prerequisite: French 2 – A grade of “C” or above is strongly suggested.

Students will be using the Advanced Grammar text by Valette and Valette, Discovering French. Advanced grammar studies will emphasize the use of the subjunctive tense, compound tenses, and the literary past tense. Students will study French provinces, cultural studies, and the study of French History all in the context of grammar and vocabulary. A thorough review will give the students time at the beginning of the year to become re-established before literary studies begin. Composition projects will accompany the study of Literature and History. Students will be creating short stories, children's stories, and short video programs. Evaluation of the course will be based on tests, quizzes, conversation, oral participation, and projects. Students will need to purchase a workbook for this course.

French IV 12 2 Credits Year Course

Prerequisite: French 3 – A grade of “C” or above is strongly suggested.

French IV students will be studying French literature, and other cultural resources, including Internet research. The Advanced Text resource will be Discovering French by Valette and Valette. Evaluation of the course will be based on tests, quizzes, conversation, oral participation, and projects.

German I 9-10-11-12 2 Credits Year Course

Prerequisite: None

Text: Komm Mit - Level I

Course Activities:

1. Oral, listening and written exercises from textbook
2. Written exercises in workbook
3. Oral presentation of lesson dialogs and daily conversational practice
4. Use of supplementary materials such as games, audio-visual material, puzzles, charts, worksheets, etc.
5. Quizzes and tests
6. Semester exams
7. Discussion of culture and customs of German speaking countries.

German II 10-11-12 2 Credits Year CoursePrerequisite: German I – A grade of “C” or above is strongly suggested.Text: Komm Mit - Level II

Course Activities:

1. Oral, listening and written exercises from textbook
2. Written exercises in workbook
3. Oral presentation of lesson dialogs and daily conversational practice
4. Use of supplementary materials such as games, audio-visual material, puzzles, charts, worksheets, etc.
5. Quizzes and tests
6. Semester exams
7. Discussion of culture and customs of German speaking countries

German III 11-12 2 Credits Year CoursePrerequisite: German II – A grade of “C” or above is strongly suggested.Text: Komm-Mit - Level III (Ch. 1-6)

Same as German I and German II including a selection of literary work with questions for discussion or written work. Semester exam.

German IV 12 2 Credits Year Course

Prerequisite: German III – A grade of “C” or above is strongly suggested.

Text: Komm Mit - Level III (Ch. 7-12)

Same as German III including a review of German grammar and a selection of literary work with questions for discussion or written work. Semester exam. Sample College Board Exams.

Spanish I 9-10-11-12 2 Credits Year Course

Prerequisite: None

Text: ¡Ven conmigo! Level 1

Course Activities:

1. Introduction, Chapters 1-8
2. Textbook and supplemental oral/written activities
3. Listening and speaking comprehension activities
4. Video and audio activities
5. Vocabulary and lesson quizzes
6. Chapter tests
7. Semester exams
8. Supplementary cultural activities

Spanish II 10-11-12 2 Credits Year CoursePrerequisite: Spanish I – A grade of “C” or above is strongly suggested.Text: ¡ Ven conmigo! Level I (chapters 8 -12), Level II (chapters 1-4)

Course Activities:

1. Textbook and supplemental oral/written activities
2. Listening and speaking comprehension activities

3. Video and audio activities
4. Vocabulary and lesson quizzes
5. Chapter tests
6. Semester exams
7. Supplementary culture activities.

Spanish III **11-12** **2 Credits** **Year Course**

Prerequisite: Spanish II – A grade of “C” or above is strongly suggested.

Text: ¡Ven conmigo! Level II (chapters 5-12)

Course Activities:

1. Individual, paired and small group activities where students practice listening, reading, writing and speaking the target language.
2. Lesson quizzes and chapter tests
3. Authentic assessments in the form of projects and presentations in Spanish
4. Videos dealing with Hispanic culture
5. Semester exams

Spanish IV **12** **2 Credits** **Year Course**

Prerequisite: Spanish III – A grade of “C” or above is strongly suggested.

Text: ¡Ven conmigo! Level III

Course Activities:

1. Individual, paired and small group activities where students practice listening, reading, writing and speaking the target language.
2. Vocabulary quizzes and chapter tests
3. Authentic assessments in the form of projects and presentations in Spanish
4. Videos dealing with Hispanic culture
5. Semester exams

Health Occupations

State law requires a criminal background check on each course participant, no more than 12 students per class and only seven days of absence per semester for state certification. The student is required to have a white shirt, white pants, white shoes and a watch with a second hand. State requires students have a reading comprehension level at seventh grade given the extensive medical terminology needed for certification.

Note: IVCC requires all students entering the nursing program to have a CNA certificate and an overall 2.5 G.P.A.

Orientation to Health Occupations 11-12 1 Credit 1st Semester

Prerequisite: None.

Orientation to Health Occupations provides the student with information regarding various health careers, beyond certified nurse assistants. The course explores the education required, job description, availability of employment, salaries and expectations of different health related careers. This provides the student with knowledge about a variety of health care careers as well as opportunity to shadow professionals in the various health occupations.

Nurse Assistant One 11-12 1 Credit 1st Semester

Prerequisite: None.

This co-educational course is intended to introduce students to health care agencies, their procedures and policies, job descriptions of a nurses aide, work ethics, medical terminology, human growth and development, anatomy and physiology and the basic skills the nurse aid performs. Skills will be taught and demonstrated by the instructor per Illinois Department of Public Health regulation. The students will then practice the basic skills taught either in the lab or clinical setting, after which time they will be tested on these skills to prepare for state certification.

Nurse Assistant Two (Two periods daily) 11-12 2 Credits 2nd Semester

Prerequisite: None.

This co-educational course is intended to prepare students for employment as a certified nurse assistant. Upon successful completion of this course in conjunction with Nurse Assistant One and Orientation to Health Occupations, the student will be eligible to take the state certification test which is mandatory for Illinois employment. The test will cost each student \$50.00 with a \$15.00 fee for a criminal background check. The student will receive classroom, lab, and clinical experience. The clinical rotation will be held at Pleasant View Lutheran Home and Community Hospital of Ottawa and will include activities of daily living such as denture care, showers, bed baths, grooming, feeding, etc.

Independent Study

Independent Study 12 1 Credit One Semester

Prerequisite: None.

Independent Study is expected to be a sixth (if enrolled in P.E.), or seventh (if student has P.E. waiver) subject, and is open only to seniors. A written permission form must be obtained by the supervising teacher from the appropriate division chair and must be attached to the registration form. This course offers a student the opportunity to study and do research work in a chosen course not offered at OTHS. The program of study is determined by the student faculty advisor and the student, and is subject to the approval of a committee comprised of the coordinator, division chair, and Faculty Advisor. A semester project will be required.

C.A.D. I (Computer Aided Drafting) 10-11-12 1 Credit One Semester

Prerequisite: None.

This is a beginning course in mechanical drawing that exposes the student to the basics of the drafting industry. Students interested in engineering and/or any field related to the tech-industrial field should be encouraged to enroll in this course. In 18 weeks, the student will develop skill in using the computer and software to prepare basic mechanical drawings. This is a lab course with emphasis on skill development. Therefore, 70% of the student's grade will be determined by the drawings he submits for grading. Twenty percent of the student's grade will be based on tests and 10% on quizzes and class participation. Basic math skills are essential. The nature of the course being a series of lab experiences requires good daily attendance.

C.A.D. Skills to be mastered:

- Setting up a drawing
- Selecting objects and entering coordinates
- Drawing Objects
- Using precision drawing aids
- Changing the drawing view
- Copying, erasing and moving origin, gender or disability
- Creating and editing text
- Dimensioning and measuring an object

Drawings to be prepared include:

- Small and large titleblock layouts
- Single view drawings
- Beginning multiview drawings
- Ring and box array design projects
- Sectional drawings
- Multiview drawings with basic dimensions
- Isometric and three dimensional drawings

C.A.D II (Computer Aided Drafting) 10-11-12 1 Credit One Semester

Prerequisite: Satisfactory completion of C.A.D. I.

This is a continuation of C.A.D. I. The same software used in C.A.D. I will be used to create advanced drawings in those areas covered in the beginning course. Having mastered the CAD software in C.A.D. I, emphasis will be placed on introducing the students to new types of drawings used in industry. Methods of determining the student's grade will be the same as stated in C.A.D. I.

C.A.D skills to be mastered

- Working with groups and nesting
- Part inserts and CAD libraries
- Modifying object Shapes
- Using parts and symbols
- Customizing AutoCadLT
- Sharing file information

Drawings to be prepared include:

- Preparing charts and diagrams
- Basic Auxiliary view drawings
- Detail Drawings
- Preparing working drawings
- Pictorial drawings
- Basic assembly drawing

C.A.D. III (Mechanical Drawing)

11-12 2 Credits

Year Course

Prerequisite: C.A.D. II

This is an advanced course in C.A.D. in which AutoCadLT is mastered. AutoCadLT is the number one CAD software used in colleges and modern industry. Only the student who is serious in pursuing a drafting/CAD career or a career in engineering should sign up for this course. The student will complete assignments in advanced multiview, sectional, and pictorial drawings. In addition, new material will be introduced consisting of projection theory, advanced dimensioning procedures and tolerancing, thread and fastener drawings; auxiliary and revolution drawings; working and assembly drawings. The last 6 weeks of the second semester each student will prepare a final project consisting of a complete set of working drawings. This project will incorporate all the materials studied throughout the course of the year. The student's grades will be determined as specified in C.A.D. I.

C.A.D skills to be mastered

- Organizing your project
- Using two-dimensional coordinate systems and layers
- Drawing geometry
- Controlling the drawing display
- Copying, moving, and erasing objects
- Working in three dimensions
- Adding text to drawings
- Dimensioning
- Using symbols, blocks, and external references
- Modifying AutoCadLT objects
- Managing Files and other formats

Drawings to be prepared include:

- Point, line and plane projection drawings
- Advanced multiview drawings
- Auxiliary view drawings
- Revolution drawings
- Advanced dimensioned drawings with tolerancing
- Precision dimensioned drawings
- Thread and fastener drawings
- Cam and gear drawings
- Perspective drawings
- Assembly drawings

C.A.D. III (Architectural Drawing)

11-12 2 Credits

Year Course

Prerequisite: C.A.D. II

This course teaches the student how to use AutoCAD LT to generate architectural drawings. As the student experiences each of the sessions through lecture and computer experience, he will learn how to develop a complete set of drawings for house construction. Emphasis is placed on developing a precise set of drawings with accurate dimensions. Topics to be covered will include the history of architecture, architectural styles, area planning, cost analysis, house orientation, etc. Each student will be required to maintain a notebook and gather materials for the course outside of the normal school day. Preliminary sketches and research will be required of each student that enrolls in this architectural C.A.D. course.

C.A.D skills to be mastered

- The same computer skills taught in Technical Drawing III/C.A.D. will be used under the application of architectural drawing

Drawings to be prepared include:

- Floor plan with dimensions
- Foundation plan with dimensions
- Wall and building sections
- Kitchen and bath details
- Fireplace and stairs details
- Elevation drawings
- Framing and construction details
- Site Plans

Vocational Auto Mechanics I (2 class periods daily) 11-12 4 Credits One Year Program

Prerequisite: Successful completion of Power technology

This course is designed for the student who wants to enter one of the many automotive career fields. Some topics covered in this course will be a general overview of most automotive systems, component identification, general maintenance, engine repair, automatic transmission and transaxle, manual drive train and axles, suspension and steering, safety procedures, troubleshooting, reading and interpreting technical information and diagrams, and employment opportunities in these fields. Safety is of prime importance and will be stressed throughout the course. Students will provide their own safety glasses, pay for any materials used, and pass a safety test before being allowed to participate in lab activities. Classroom to lab time is split about 60% classroom to 40% lab time.

Vocational Auto Mechanics (2 class periods daily) 12 4 Credits One Year Program

Prerequisite: Successful completion of Vocational Auto Mechanics I.

This course is designed for the student who wants to enter one of the many Automotive Career fields or continue their education in these fields. Some topics covered in this course will be an overview of current and future automotive systems, component identification, brakes, electrical/electronic systems, heating and air-conditioning, engine performance, safety procedures, reading and interpreting technical information and diagrams, troubleshooting and employment opportunities in these fields. Safety is of prime importance and will be stressed throughout the course. Students will provide their own safety glasses, pay for any materials used, and pass a safety test before being allowed to participate in lab activities. Classroom to lab time is split about 60% classroom to 40% lab time. Note: This follows the *National Automotive Technicians Education Foundation* task list and *Automotive Service Excellence* guidelines.

Music**Instrumental Music - Band 9-10-11-12 2 Credits Year Course**

Prerequisite: None

CONTENT/ACTIVITIES

1. Present three major concerts throughout the year (Fall, Winter, Spring)
2. Participate in the Illinois Music Educators Association (IMEA) District and All-State Music Festivals
3. Participate in the IHSA Solo & Ensemble and Organizational Contests
4. Participate in the NCIC Music Festival
5. Participate in the OEHS Music Fest
6. Perform pre-game and half-time shows for all home football games
7. Perform at home boy's and girl's varsity basketball games
8. Participate in local parades
9. Provide music for graduation

Instrumental students study comprehensive musicianship through band performance. This includes: 1) developing technical and aural skills, 2) understanding the structural elements of music, and 3) gaining the knowledge of music as a creative art form of man in a historical context.

Choir 9-10-11-12 2 Credits Year Course

Prerequisite: None

CONTENT/ACTIVITIES

1. Present three major concerts throughout the year (Christmas, Winter, Spring)
2. Participate in the Illinois Music Educators Association (IMEA) District and All-State Music Festivals.
3. Participate in the IHSA Solo & Ensemble and Organizational contests
4. Participate in the NCIC Music Festival
5. Participate in the OEHS Music Festival
6. Provide soloists, ensembles or large groups to perform the National Anthem at home football and basketball games
7. Provide music at graduation

The basic fundamentals in voice training, sight-reading, and music knowledge are approached and used as the groups study and perform examples of a variety of styles and periods of choral music.

Music Theory 11-12 2 Credits Year Course

Prerequisite: Open to students who have an understanding of music fundamentals. A student must pass a basic skills test for enrollment in the class.

Content/Activities:

1. Learning the fundamentals of music theory (pitch, meters, intervals, scales, key signatures, triads)
 2. Roman numeral analysis and hymn analysis
 3. Sight singing
 4. Ear training leading to harmonic and melodic dictation
 5. Music skills refined through the use of computers.
 6. Music arranging and writing and studying music form and analysis.
- Grades are calculated by completed homework assignments, tests and quizzes, and ear training exercises.

THE OTHS MUSIC DEPARTMENT OFFERS OPUS (JAZZ CHOIR), AND JAZZ BAND AS EXTRA-CURRICULAR ACTIVITIES.

Special Needs Program

Global Strategies I 2 Credits Year Course

Prerequisite: Permission of the director of special services to enroll in this course.

This course is intended to assist freshman in their transition into high school and prepare them for the next four years academically and socially. The class is designed to reinforce and strengthen the terminology, concepts, ideas, reading, and skills taught in core academic areas.

Global Strategies II 2 Credits Year Course

Prerequisite: Permission of the director of special services to enroll in this course.

The student will participate in a variety of activities designed to improve his/her instructional skills. Along with a curriculum, this course will be designed for the student's needs as identified in their Individualized Educational Plan. Through the use of the student's instructional assignments, emphasis will be placed on the development or improvement of organizational skills, instructional support for the required general curriculum, study skills methods, self-advocacy, transition, and adapting and compensating in order to be a successful learner/citizen.

Global Strategies III/IV 2 Credits Year Course

Prerequisite: Permission of the director of special services to enroll in this course.

The student will continue to participate in a variety of activities designed to improve their test taking skills. This course will be designed for the student's needs as identified in their I.E.P. Through the use of the student's instructional assignments, emphasis will be placed on the students test taking skills in order to prepare them for their ACT/PSAE testing. As well as, continue to promote the transition process and provide information on additional post secondary options.

Study Skills 2 Credits Year Course

Prerequisite: Permission of the director of special services.

This class is designed to reinforce students' academic classes by offering extra help and time to complete homework, as well as work to strengthen academic and personal skills. Students are also taught important transition skills needed to succeed in the post-high school community.

Basic Vocational Study Skills 1 or 2 Credit(s) Semester or Year Course

Prerequisite: Permission of the director of special services to enroll in this course.

This class accommodates individual needs while meeting general high school requirements with emphasis on basic skills, social behavior, vocational and occupational training. The class will meet at least one period daily, based on the needs of the students. The number of credits is determined by staffing recommendations.

Four-Year Educational Plan**9th Grade Educational Plan – Class of 2014**

Department	Name of Course	Year/Semester	Credits
English – Required	Freshman English	Year	2
Mathematics - Required		Year	2
Physical Ed. - required		Semester	.5
Science	Biology	Year	2
Social Science	World History	Year	2
Elective			
Elective			
Summer School		Total	

10th Grade Educational Plan – Class of 2013

Department	Name of Course	Year/Semester	Credit
English – Required	Sophomore English	Year	2
Mathematics - Required		Year	2
Physical Ed. - Required	Health	Semester	1
Physical Ed. - Required	Physical Education	Semester	.5
Science	Physical Science or Chemistry	Semester Year	1 2
Social Science	American Government	Semester	1
Elective			
Elective			
Drivers Education	Drivers Education/Personal Development	Semester	1
Summer School		Total	

11th Grade Educational Plan – Class of 2012

Department	Name of Course	Year/Semester	Credit
English – Required	Junior English	Year	2
Mathematics - Required		Year	2
Physical Ed. - required	PE or Sports Medicine	Semester Year	.5 2
Consumer Education	Personal Finance or Applied Economics	Semester Semester	1 1
Social Science	United States History	Year	2
Elective			
Elective			
Summer School			

12th Grade Educational Plan – Class of 2011

Department	Name of Course	Year/Semester	Credit
English			
Mathematics			
Physical Ed. - required			
Science			
Social Science			
Elective			
Elective			
Summer School			