

Ottawa Township High School

2023-2024 Course Catalog

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English

(Instructional Reading)
(English A)
(English B)
(English C)
(English D1 and D2) (S)
(Literacy Support)
English 1
Honors English 1*
English 2
Honors English 2*
English 3
Honors English 3*
English 4 A and 4 B (S)
Creative Writing (S)
(Journalism)
(Journalism Publications Seminar)
(Yearbook Publications Seminar)
AP English Literature & Composition*
Advanced Speech *(S)
Advanced Composition 1 *(S)
Advanced Composition 2 *(S)
ELL

Mathematics

(Math 1)
(Math 2)
(Math 3)
(Vocational and Consumer Math)
Algebra A
Algebra B
Algebra 1
Honors Algebra 1*
Geometry
Honors Geometry*
Algebra 2
Honors Algebra 2/Trigonometry*
Algebra 3 (S)
Conics & Trigonometry (S)
Honors Pre-Calculus*
AP Calculus*
Transitional Math

Science

Life Science

(Life Science)
Biology
Honors Biology*
Human Anatomy and Physiology*
Advanced Biology*+
Ecology (S)

Physical Science

(Geoscience)
(Earth Science)
Chemistry
Honors Chemistry*
Advanced Chemistry*+
Physics
Accelerated Physics*
Topics in Physics (S)
Astronomy (S)
Meteorology (S)
Geology (S)

Social Science

(Social Science)
World History
Honors World History*
American Government (S)
Advanced Placement American Gov't. *(S)
U.S. History
Advanced Placement U.S. History*
State & Local History (S)

Social Science (Cont'd)

Current Problems (S)
Minorities (S)
Psychology (S)
Sociology (S)
Personality & Behavior (S)
Economics
Applied Consumer Education –(Junior Achievement)

Physical Ed., Health, Driver Ed.

Adaptive PE
PE 1 (S)
PE 2 (S)
PE – Body Sculpting (S)
PE – Strength & Conditioning (S)
(Healthy Living) (S)
Health (S)

Sports Medicine – *Not PE Credit*
Drivers Education (S)

Foreign Language

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

Business and Consumer Education

(Consumer Education)
(Computer Technology)
Study Skills & Test Taking Strategies (S)
Introduction to Business
Computer Concepts (S)
Microsoft Office (S)
Introduction to Multimedia (S)
Web Design (S)
Digital Communications (S)
Personal Finance (S)
Accounting
Marketing/Sales (S)
Business Law (S)
Business Principles & Entrepreneurship (S)
Economics (S)
Applied Consumer Economics (S)
Cooperative Education

Agriculture

Introduction to Agriculture
Basic Agriculture Science
Animal Science (S)
Agribusiness Management (S)

Industrial Technology Education

Introduction to Technology (S)
Power Technology (S)
Carpentry and Plumbing (S)
Welding and Electricity(S)
Basic Home Repair (S)
CAD 1 (S)
CAD 2 (S)
CAD 3 - Engineering
CAD 3 - Architecture
Vocational Auto Mechanics 1 (2 hours)
Vocational Auto Mechanics 2 (2 hours)

Area Career Center – 2-hour Block at LP

Aviation 1
Building Trades 1
Building Trades 2
Residential Wiring 1
Residential Wiring 2
Basic Fire Skills 1/Emerg. Medical Responder
Health Occupations 2/Emergency Medical Respon.
Basic Fire Skills 2
Welding 1
Welding 2
Machine Technology 1
Machine Technology 2
Health Occupations 1
Health Occupations 2
Computer Repair 1 (S)
Computer Repair 2 (S)
Intro to Comp Prog. OPP & APP Develop. (S)
Cosmetology 1 and 2
Ill. Valley Entrepreneurial Opportunities

Family & Consumer Science

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

Art

(Art)
Art 1 - Foundations of Art
Art 2 - Art and Composition
Art 3 - Advanced Concepts in Art
Art 4 - Advanced Placement 2D Studio Art
Crafts
Three-Dimensional Design
Digital Art and Design (S)
Digital Photography (S)

Music

Intro to Band
Band
Concert Choir
Treble Choir
Crimson Choir
Music Theory

Independent Study

Independent Study (S)

Special Needs Programming

Global Strategies
Basic Vocational Study Skills
Life Skills
Global Post-Secondary Prep
Transition Program

KEY:

(S) – Semester Course
* – Weighted Course
+ – Dual Credit Course

English

All students are required to be enrolled in an English course. Eight semesters of English are required for graduation. State Universities recommend at least four years of English.

Instructional Reading (0754) **9-12** **2 Credits** **Year Course**

Prerequisite: Permission of the Director of Special Services

Course Description: This course is designed to accommodate the full range of problem readers based on their Individualized Educational Program and identified areas of deficit(s). This course will provide extensive practice in following directions and statement repetition. It will also present various analytical skills that relate to ‘higher-order’ thinking tasks, cover both “fact system” and vocabulary words, teach written expression, and address the student’s self-image with reading. This course does not meet 4-year college entrance requirements.

English A (0214) (0215 – Lab) **9** **4 Credits** **Year Course – 2 Hour Block**

Prerequisite: Recommendation of the Director of Special Services

Course Description: English A uses Read 180, which is an intensive English Language Arts course designed to assist struggling readers in moving toward grade level in reading skills. Course activities focus on expanding vocabulary skills, improving comprehension skills, and strengthening listening, viewing, speaking, and writing skills. Students will learn reading strategies to use with a broad range of fiction and nonfiction texts and respond orally and in written form. Students will further develop academic writing skills by improving language mechanics and grammar usage. This course focuses on skills and strategies that meet the Illinois Common Core Standards in reading, writing, speaking, and listening. This course does not meet 4-year college entrance requirements.

Literacy Support Lab (0202LB) **9** **2 credits** **Year Course**

Prerequisite: Recommendation of the Assistant Principal

Course Description: The literacy support course will be taken alongside English I and will provide students with an opportunity to learn and apply a variety of reading strategies to improve the comprehension of both fiction and nonfiction texts. Designed to support students in the required content area classes, this course utilizes students’ content area texts as well as independent reading books. Emphasis is placed on comprehension skills such as predicting, summarizing, connecting, questioning, and inferring. In addition, students will improve their understanding of the writing process, grammar, study strategies, and organizational techniques. This course does not meet 4-year college entrance requirements.

English 1 (0206) (0209T) **9** **2 Credits** **Year Course**

Course Description: All English I students will study a core curriculum which continues and expands in the second and third years. This core curriculum is based on the Common Core State Standards and College Readiness Standards. Readings in literature will be supplemented with vocabulary lessons, grammar lessons, writing assignments, speaking assignments, and library assignments. Major readings will include works by Shakespeare and a variety of novels, short stories, nonfiction, and poetry. Students will receive instruction on computer literacy standards throughout the English I curriculum.

Honors English 1 (0227) **9** **2 Credits** **Year Course**

Prerequisite: Meets or exceeds placement guidelines determined by the district

Lab Fee: Cost of paperback books for summer reading

Course Description: Honors English 1 is a **weighted** course that does require students to complete summer reading prior to the start of the school year. The course is designed to accelerate the English program in preparation for taking advanced courses in the English curriculum during sophomore, junior and senior years. This course is substantially more rigorous than English I. While students review basic essay structure and grammar, they work extensively on in-depth literary analysis, including study of short stories, novels, plays, poetry, and nonfiction. Students will submit at least two major projects, write at least two MLA formatted essays, complete discussion-style assessments, complete reading check quizzes, and keep a class binder. Students must maintain a “C” average in this course to be eligible for Honors English 2.

English B (0216) **10-12** **2 Credits** **Year Course**
Prerequisite: Permission of the Director of Special Services
Course Description: This course is structured to improve each student’s listening, reading, speaking, and writing skills and the processes (language and literature) in a thematic organization. Students experience texts of different genres and forms related to each theme and complete mandatory common tasks. Common tasks focus primarily on critical reading, writing, and research but also address other language skills. Instruction in reading and writing strategies, grammar, and vocabulary is integrated into every unit. Major readings include but are not limited to Romeo and Juliet, The Odyssey, and a variety of novels, short stories, nonfiction, and poetry. This course does not meet 4-year college entrance requirements.

English 2 (0222) (0223T) **10-12** **2 Credits** **Year Course**
Prerequisite: Successful completion of English 1
Course Description: English II students will continue studying the core curriculum sequence begun in English 1. The communication process, both written and oral, will be the primary focus of the English 2 curriculum. The overall writing process will be studied through a focus on expository and persuasive writing, including a research paper, while the oral component will be comprised of a minimum of eight classroom speeches throughout the year. Readings in World and American Literature may include novels, plays, short stories, nonfiction, and poetry. English 2 will also consist of vocabulary lessons, grammar lessons, library usage, note-taking lessons, journaling, group discussions, and group presentations.

Honors English 2 (0228) **10** **2 Credits** **Year Course**
Prerequisite: Successful completion of Honors English 1 with a grade of “C” or better and completion of required summer reading—a teacher recommendation is required if Honors English 1 was not taken
Lab Fees: Cost of paperback books for summer reading
Course Description: Honors English 2 is a **weighted** course that does require students to complete summer readings prior to the start of the school year. The course is designed to accelerate the English program in preparation for taking advanced courses in the English curriculum during junior and senior years. This course is substantially more rigorous than English 2. Readings in World and American Literature will be supplemented with vocabulary lessons, grammar lessons, writing assignments, speaking assignments, and library assignments. A research paper will be assigned and completed during this course. Students must maintain a “C” average in this course to be eligible for Honors English 2.

English C (0212) **10-12** **2 credits** **Year Course**
Prerequisite: Permission of the Director of Special Needs
Course Description: This course is structured to improve each student’s listening, reading, speaking, grammar, and writing skills. The overall writing process will be studied through a focus on descriptive, narrative, expository, and persuasive writing, including a research paper. The communication process will also be a focus with a minimum of six classroom speeches required. Major readings include but will not be limited to Julius Caesar and Othello. A variety of novels, short stories, nonfiction, and poetry will also be included. This course does not meet 4-year college entrance requirements.

English 3 (0226) (0208T) **11-12** **2 Credits** **Year Course**
Course Description: All English 3 students will continue studying the core curriculum sequence begun in English 1 and continued in English 2. Readings in American Literature will be supplemented with vocabulary lessons, grammar lessons, writing assignments, speaking assignments, presentations, and research assignments. Readings include novels, plays, short stories, nonfiction, essays, and poetry.

Honors English 3 (0244) **11** **2 Credits** **Year Course**
Prerequisites: Successful completion of Honors English 2 with a grade of “C” or better and completion of required summer reading—a teacher recommendation is required if Honors English 2 was not taken
Lab Fee: Cost of paperback books for summer reading
Course Description: Honors English 3 is a **weighted** course that does require students to complete summer readings prior to the start of the school year. The course is designed to accelerate the English program in preparation for taking advanced courses in the English curriculum during senior year. Students analyze themes and writing techniques used in selected works of American literature, ranging from Native American works to the more contemporary, as they further develop sensitivity to language and ideas and increase their ability to mirror these writers’ rhetorical choices in their own writing. Students will analyze the historical, cultural, social, political, religious, psychological, and philosophical influences on writers and their works.

English D1 (0203) **11-12** **1 Credit** **Semester Course**

Prerequisite: Permission of the Director of Special Services

Course Description: This course is designed to expand vocabulary, improve comprehension, and strengthen listening, viewing, speaking, and writing skills. English D-1 will improve college and career readiness by providing exposure to nonfiction and fictional texts for students to engage in deep analysis of literature and informational texts with complex comprehension tasks. In addition, students will further develop academic writing skills by improving language mechanics and grammar usage, as well as informative and argumentative essay writing. Students will focus on functional English skills including public reading, speaking, and interviewing in order to create successful opportunities in a post-secondary setting. This course does not meet 4-year college entrance requirements.

English D2 (0204) **11-12** **1 Credit** **Semester Course**

Prerequisite: Permission of the Director of Special Services

Course Description: This course is structured to improve each student's listening, reading, speaking, and writing skills and the processes (language and literature) in a thematic organization. Students experience texts of different genres and forms related to each theme and complete mandatory common tasks. Common tasks focus primarily on critical reading, writing, and research but also address other language skills. Instruction in reading and writing strategies, grammar, and vocabulary is integrated into every unit. Major readings include but are not limited to: *Taming of the Shrew* and *The Secret Life of Bees*. Students will focus on functional English skills to create successful opportunities in a post-secondary setting. This course does not meet 4-year college entrance requirements.

English 4A (0237) **12** **1 Credit** **Semester Course**

Course Description: English 4A is a survey course of fiction, poetry, and informational readings from a variety of time periods. The purpose of this course is to prepare students to evaluate different points of view critically and constructively while becoming more reflective and further developing their collaborative, research, and independent study skills. Students will be expected to write formal emails and professional correspondence, research post-high-school plans, develop and write analytical and college application essays, and participate in Socratic style discussion in class and online.

English 4B (0237) **12** **1 Credit** **Semester Course**

Course Description: English 4B is a survey course of drama, folk literature, and informational readings from a variety of time periods. The purpose of this course is to prepare students to evaluate different points of view critically and constructively while becoming more reflective and further developing their collaborative, research, and independent study skills. Students will be expected to improve interviewing and speaking skills, research, and present ideas in multimedia format, write an analytical essay, and participate in Socratic style discussion in class and online.

Creative Writing (0229) **11-12** **1 Credit** **Semester Course**

Course Description: The purpose of Creative Writing is to help students improve as writers and to help them find their voices. Students will be expected to write well and write often. They will keep a writer's notebook and make daily entries. Students will learn how to "show" and not "tell" in their writing through the development of imagery, figurative language, vivid verbs, and other techniques. Students will write personal narratives, a minimum of two short stories, and a collection of poetry. Smaller assignments include 6-Word Memoirs, Micro-Fiction, and script writing. Because one cannot be a good writer without reading, the writing exercises will be supplemented with a substantial reading load. The readings will include chapters from the text as well as published works of fiction, creative nonfiction, dramatic forms, and poetry. Students will learn the use of language and creativity as a way of communicating a message to a reader for a purpose which will transfer to other methods of writing.

English Electives

These courses count only as an elective credit at OTHS. They do not satisfy English graduation requirements and do not meet 4-year college entrance requirements.

Journalism (0233) **10-12** **1 Credit** **Semester Course**
Prerequisite: Successful completion of English 2 with a grade of a “B” or higher. Sophomore students may enroll with a recommendation from their freshman English teacher and a grade of “B” or higher in English 1.
Course Description: This course focuses on the principles of print and online journalism through the development of the school newspaper, the *Pirate Press*. Students will conduct interviews and research to create original articles using varied writing techniques.

Journalism Publications Seminar (0230) **10-12** **1 Credit** **Semester Course**
Prerequisite: Selection as editor of the *Pirate Press*
Course Description: Students will apply their knowledge of print and online journalism to create original articles for the *Pirate Press*. Students will learn to edit and professionally format the newspaper, working with Shaw Media to create a finished layout for publication and to maintain a news website. The course may be taken concurrently with or after the completion of Journalism.

Yearbook Publications Seminar (0231) **10-12** **2 Credits** **Year Course**
Prerequisite: Selection as a member of the yearbook staff
Course Description: Students apply for this class at the end of the prior school year. Applications require students to receive three letters of recommendation from teachers, including one English teacher. Additionally, they will write an essay and complete a formal interview prior to selection. This class teaches students the elements and rules of design and layout, photography skills, editing and journalistic style copy writing, and interviewing.

ELL Resource (0795) **9-12** **2 Credits** **Year Course**
Prerequisite: Recommendation of administration
Course Description: Transitional Program of Instruction (TPI-English). The 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 English program of study.

Mathematics

All students need 6 semesters of mathematics to graduate. Two semesters must be Algebra 1. Two semesters must be a course that has geometry content. State Universities recommend at least 3 years of Mathematics, with a minimum successful completion of Algebra 2.

Math 1 (0302) **9-12** **2 Credits** **Year Course**

Prerequisite: Permission of the Director of Special Services.

Course Description: This math course is an entry level high school math course designed to reinforce the student's prior knowledge and skills in math. Students will utilize Apex Online Learning, a research-based math intervention program, to review previously learned material such as addition, subtraction, multiplication, and division; and to introduce many new math concepts in preparation for Math 2. Concepts explored will include data and graphs, fractions, geometry, proportions, percentages, and probability. This course does not meet 4-year college entrance requirements.

Math 2 (0306) **9-12** **2 Credits** **Year Course**

Prerequisite: Permission of the Director of Special Services.

Course Description: This course is the next class in the basic math sequence. The purpose of this course is to prepare students for Math 3. 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. This course does not meet 4-year college entrance requirements.

Math 3 (0300) **9-12** **2 Credits** **Year Course**

Prerequisite: Permission of the Director of Special Services.

Course Description: This course is designed to present basic math skills used in everyday situations, such as paying taxes, buying food, banking and investing, and managing a household. This course will reinforce many of the skills previously learned in Math 1 and Math 2, while bringing a real-world experience to mathematics. This course does not meet 4-year college entrance requirements.

Instructional Math (0755) **9-12** **2 Credits** **Year Course**

Prerequisite: Permission of the Director of Special Services.

Course Description: This course is designed to provide support for students who have difficulty with mathematics based on their Individualized Educational Program. The course is organized to assist students with specific weaknesses in computational skills by breaking concepts down into small skills, rules, and procedures. This course does not meet 4-year college entrance requirements.

Algebra A (0308A,0309A) (0312T, 0313T) (0310, 0311) **9-12** **2 Credits** **Year Course**

Prerequisite: Meets placement guidelines determined by the district.

Course Description: The Algebra A and Algebra B sequence is designed to cover the same objectives as Algebra 1, but it is done over the period of two years. Those who are enrolled in and successfully complete Algebra A are required to take Algebra B the following year. Algebra A is designed for those students who need reinforcement in their computational and problem-solving skills. The class will emphasize symbol manipulation, linear equations, algebraic expressions, equations, inequalities, linear functions, and graphs.

Algebra B (0314,0315) (0321T, 0322T) **10-12** **2 Credits** **Year Course**

Prerequisite: Algebra A.

Course Description: The Algebra A and Algebra B sequence is designed to cover the same objectives as Algebra 1, but it is done over the period of two years. Algebra B is designed for those students who need reinforcement in their computational and problem-solving skills. The class will emphasize symbol manipulation, linear equations, linear functions, graphs, systems of equations, laws of exponents, polynomials, factoring, quadratics, and radicals.

Vocational and Consumer Math (0304) **10-11-12** **2 Credits** **Year Course**

Prerequisite: Permission of the Director of Special Services.

Course Description: This course will provide an opportunity for students to receive an intensive math program that focuses on math skills needed to make students better consumers in the post-secondary world. Vocational and Consumer Math will provide students with a deeper knowledge of consumer and career math skills by providing real-life, problem-based scenarios. This course does not meet 4-year college entrance requirements.

Algebra 1 (0366) 9 2 Credits Year Course

Prerequisite: Meets placement guidelines determined by the district.

Course Description: 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 1 (0381) 9 2 Credits Year Course

Prerequisites: Meets or exceeds placement guidelines determined by the district.

Course Description: This is a **Weighted** Course in algebra and is designed for the college-bound, advanced mathematics student. Students will study the topics listed under Algebra 1 plus an introduction to probability. Honors Algebra 1 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 (0316, (0316T) 10-11 2 Credits Year Course

Prerequisite: Successful Completion of Algebra 1

Course Description: 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 (0317) 9-10 2 Credits Year Course

Prerequisite: Meets/exceeds placement guidelines determined by the district (9th grade) or successful completion of Honors Algebra 1 (10th grade).

Course Description: This is a **Weighted** 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.

Algebra 2 (0324) 11-12 2 Credits Year Course

Prerequisite: Successful completion of Geometry

Course Description: This course is a continuation of Algebra 1 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 1 and Geometry.

Honors Algebra 2 and Trigonometry (0328) 10-11 2 Credits Year Course

Prerequisite: Successful Completion of Honors Geometry

Course Description: This **Weighted** Course is a continuation of Honors Algebra 1. 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 1. This course is fast paced, and students will be expected to do accelerated work.

Algebra 3 (0374) 11-12 1 Credit Semester Course

Prerequisite: Successful completion of Algebra 2 or Honors Algebra 2

Course Description: Algebra 3 will enable students to transition directly into credit bearing college-level algebra courses. Upon completion students should be able to understand and demonstrate proficiency in the following areas: functions, function families, exponents and logarithms, polynomials, rational, and radical expressions. Maybe taken in conjunction with Conics & Trigonometry. Students who complete this class with a C or better have the option to add a portability code to their transcript for entrance into a college barring math course at a participating community college or university.

Conics & Trigonometry (0375) 11-12 1 Credit Semester Course

Prerequisite: Successful completion of Algebra 2 or Honors Algebra 2

Course Description: Conics & Trigonometry will enable students to transition directly into credit bearing college-level algebra courses upon taking and passing the placement exam that may be required for placement. Upon completion

students should be able to understand and demonstrate proficiency in the following areas: Conic Sections, Sequences and Series, and Trigonometry. Maybe taken in conjunction with Algebra 3.

Honors Pre-Calculus (0350) **11-12** **2 Credits** **Year Course**

Prerequisite: Successful completion of Honors Algebra 2

Course Description: This **Weighted** Course is designed to prepare the advanced mathematics student to begin the study of Calculus. It includes the topics of linear and quadratic functions, graphs, analytic geometry, sequences and series, and vectors, with a strong emphasis on trigonometry. This course is fast paced, and students will be expected to do accelerated work.

Advanced Placement Calculus (0355) **12** **2 Credits** **Year Course**

Prerequisite: Successful completion of Pre-Calculus

Course Description: This **Weighted** Course is a college level course. Calculus is a branch of higher mathematics that deals with variable or changing quantities. Calculus is based on the concept of infinitesimals (exceedingly small quantities) and on the concept of limits (quantities that can be approached more and more closely but never reached). The two related branches of Calculus (differential and integral) will be studied. The syllabus followed will enable the student to prepare to take the Advanced Placement Calculus AB exam given in May of each year.

Transitional Math (0319,0320) **12** **2 Credits** **Year Course**

Prerequisite: Successful completion of 3 Years of High School Math Credits

Course Description: Math course framework designed to prepare and transition students directly into college and career pathways requiring general education college level math competencies in quantitative literacy and statistics. The competencies within each domain should include but are not limited to: numeracy (operation sense, estimation, measurement, quantitative reasoning, basic statistics, and mathematical summaries), application based algebraic topics, and functions and modeling. Upon completion students should be able to: demonstrate proficiency and understanding in basic numeracy competencies in whole numbers, integers, fractions, and decimals, use estimation and explain/justify estimates, apply quantitative reasoning to solve problems involving quantities or rates, use mathematical summaries of data such as mean, median, and mode, use and apply algebraic reasoning as one of multiple problem-solving tools, and use functions and modeling processes. Course to be delivered through authentic application, problem-based instruction designed to build mathematical conceptual understanding and critical thinking skills. Students who complete both semesters of this class with a C or better have the option to add a portability code to their transcript for entrance into a college barring math course at a participating community college or university.

Science

All students must attain 4 credits in science. 2 credits need to be from Biology and 2 credits need to be from the physical sciences. State Universities recommend at least 3 years of science.

Life Science (0400) **9-12** **2 Credits** **Year Course**

Prerequisite: Permission of the Director of Special Services.

Course Description: This course emphasizes the study of living things through laboratory-based experiments and investigation techniques. Topics include the cell structure as it relates to plants and animals, scientific tools as they relate to biology, characteristics of living and non-living things, ecology, and environmental issues. Students will also learn methods of collecting and interpreting facts and data, along with important biological concepts and ideas. This course does not meet 4-year college entrance requirements.

Earth Science (0401) **9-12** **2 Credits** **Year Course**

Prerequisite: Permission of the Director of Special Services.

Course Description: This course is designed to present basic principles in the field of physical science. It affords an opportunity to students to survey in a broad sense many of the principles which affect their lives. Topics include scientific method, graphing, the metric system, scientific tools, structures of matter, volcanoes, earthquakes, planets, weather and climate, rock layers, motion and forces, sound and light waves, and energy. Successful completion of this course will fulfill the physical science requirement. This course does not meet 4-year college entrance requirements.

Geoscience (0415) **9** **2 Credits** **Year Course**

Course Description: Geoscience 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. This course does not meet 4-year college entrance requirements.

Biology (0412A, 0407T) **9-12** **2 Credits** **Year Course**

Course Description: Special emphasis will be placed upon the areas of molecular and cellular biology, classification, reproduction, and principles of heredity and biodiversity. Successful completion of this course will prepare the student to continue on to higher-level science courses.

Honors Biology (0409) **9** **2 Credits** **Year Course**

Prerequisite: Meets or exceeds placement guidelines determined by the district. Students are expected to complete Summer Reading and a Summer Reading Guide in preparation for Honors Biology.

Course Description: Honors Biology is a **weighted** course designed for students interested in pursuing advanced sciences or careers in the science or engineering fields. Students will learn and understand biological processes that occur on the molecular, cellular, systemic, and environmental levels. Honors Biology stresses the same processes as in Biology but carries the study to a greater depth and sets higher standards of achievement. Honors Biology differs from Biology in that the pace of instruction will be accelerated and the study of materials will be more challenging compared to the standard Biology course.

Advanced Biology (0430) **11-12** **2 Credits** **Year Course**

Prerequisite: A grade of C or better in Biology or Honors Biology and a grade of C or better in Chemistry or Honors Chemistry.

Course Description: This course is **weighted**. Topics covered in this Dual Credit Course include biochemistry, cell biology, metabolism and cell signaling, genetics, protein synthesis, evolutionary biology including biodiversity and taxonomy, energy flow within an ecological system including photosynthesis, respiration, and fermentation. Lab activities investigating major concepts will reinforce class discussion.

Advanced Physics (0442) **11-12** **2 Credits** **Year Course**

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

Course Description: Accelerated Physics is a **Weighted** Course. It is 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 ensure 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, and applicable videos. Students should expect homework on a regular basis due to the nature of the material.

Astronomy (0457) **10-12** **1 Credit** **Semester Course**

Course Description: 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.

Ecology (0459) **10-12** **1 Credit** **Semester Course**

Prerequisite: Successful completion of Biology

Course Description: This course is a study of the ecological relationship between humans and their environment. The conservation, preservation, and sustainable use of natural resources will be emphasized. Topics investigated include environmental studies, biomes, populations, air, water, soil pollution, and the effects of global climate change.

Geology (0455) **10-12** **1 Credit** **Semester Course**

Course Description: This course deals with both physical and historical geology. Physically, the planet acts like a plate tectonic driven engine. Historically, rocks and fossils mark the 4.6-billion-year age of the planet. Laboratory work includes rock, mineral, and fossil identification. Topics investigated include earthquakes, volcanoes, deep time, weathering, erosion, mapping, and environmental topics like acid rain and global climate change.

Meteorology (0458) **10-12** **1 Credit** **Semester Course**

Course Description: 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.

SOCIAL SCIENCE

All students must earn a minimum of 4 credits in the social sciences for graduation. All students will be enrolled in World History, American Government, and U.S. History. Students must take and pass U.S. History and the Constitution Test offered in American Government to graduate. State Universities recommend at least 3 years of Social Science.

Social Science (0502) 9-12 2 Credits Year Course

Prerequisite: Permission of the Director of Special Services.

Course Description: This course is provided for eligible students of which placement in the standard education World History is deemed inappropriate by consensus of standard and special services teachers, related services personnel, and parents. A fundamental knowledge of World History is a necessary component of the student's basic education. Emphasis is not placed upon the memorization of dates and names, but rather on an understanding of the ideas, vocabulary, cause-effect relationships, economics, political and social systems, and geography from the development of early civilization to the Twentieth Century. This course does not meet 4-year college entrance requirements.

World History (0505A, 0510T) 9 2 Credits Year Course

Course Description: This course is taken by all freshmen except those taking Honors World History. Students will study a variety of current issue topics that affect our everyday world and the society we live in. Students will examine in-depth topics such as world religions, culture, genocide, population, political systems, economic systems, and the United Nations. Geography will be an emphasis throughout the course. Topics will include other major issues or events that may emerge as the school year progresses.

Honors World History (0509) 9 2 Credits Year Course

Prerequisite: Meets or exceeds placement guidelines determined by the district.

Course Description: This **Weighted** Course is required of all freshmen except those taking World History. Students will study a variety of current issue topics that affect our everyday world and the society we live in. Students will examine in-depth topics such as world religions, culture, genocide, population, political systems, economic systems, and the United Nations. Geography will be an emphasis throughout the course. Topics will include other major issues or events that may emerge as the school year progresses.

American Government (0534, 0535T) 10 1 Credit Semester Course

Course Description: American Government is a required course 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 American Government (0533) 10 1 Credit Semester Course

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

Course Description: Advanced Placement U.S. Government and Politics is a **Weighted** Course. This course 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.**

United States History (0532, 0531T) 11 2 Credits Year Course

Course Description: Successful completion of U.S. History is a graduation requirement. 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 (0536) 11 2 Credits Year Course

Prerequisites: Honors World History and AP Government with grade of ‘C’ or better and/or teacher recommendations. Successful completion of summer reading assignments.

Course Description: The Advanced Placement program in United States History is a **Weighted** Course and is designed to provide students with the analytical skills and enduring understandings necessary to deal critically with the problems and materials in United States history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students will learn to assess historical materials-their relevance to a given interpretive problem, their reliability, and their importance-and to weight the evidence and interpretations presented in historical scholarship. This class is extensive in its coverage of the topics of United States history. Students can expect between 10-15 pages of college level reading per night in addition to writing assignments, projects, quizzes, and tests. Students who do not maintain a “C” average per 9 weeks will be dropped from the class and placed in a regular United States history course. With a score of a 3, 4, or 5 out of 5 possible points a student may test out of 1 to 2 semesters of first year college social science courses.

State and Local History (0575) 10-12 1 Credit Semester Course

Course Description: This course provides an opportunity to study our state and local community. The course focuses upon Illinois’ history, from its prehistory to the present day with special attention to Ottawa and LaSalle County. Topics students will study include Native Americans, French exploration, the Blackhawk War and white settlement, I&M Canal, Lincoln-Douglas debates, origins and growth of Ottawa and Marseilles, OTHS, the Cherry Mine Disaster, Starved Rock Murders, Radium Dial and the city of Chicago. Emphasis is placed on local geography, economic, social and political issues as well as local historical figures.

Current Problems (0519) 10-12 1 Credit Semester Course

Course Description: 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. Readings include George Orwell’s 1984, Ron Paul’s The Revolution, and Saul Alinsky’s Rules for Radicals.

Minorities (0571) 10-12 1 Credit Semester Course

Course Description: 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.

Psychology (0539) 10-12 1 Credit Semester Course

Course Description: 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, 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.

Sociology (0547) 10-12 1 Credit Semester Course

Course Description: 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.

Personality and Behavior (0543) 10-12 1 Credit Semester Course

Course Description: 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. Teen violence/dating violence are addressed within the course.

Economics (0551)

11-12

1 Credit

Semester Course

Course Description: Successful completion of this course fulfills the Consumer Education graduation requirement.

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.

Applied Consumer Economics (0577)

11-12

1 Credit

Semester Course

Course Description: Successful completion of this course fulfills the Consumer Education graduation requirement.

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.

Physical Education

Physical Education is the science of human movement. All offerings are designed to promote good health, safety, awareness, value of recreation, and the importance of life-long fitness.

Adaptive PE (0958) **9-12** **1 Credit** **Semester Course**

Prerequisite: Permission from the director of special needs services

Course Description: This course is designed to fit the capabilities of students with special needs. The main focus of this course is to develop the physical, cognitive and social-emotional skills needed by students to be physically active for a lifetime. The curriculum includes a wide range of activities that promotes socialization, encourages participation and enriches leisure time. The instructional design focuses on individual progress with varied learning experiences and with individualized and cooperative learning opportunities in relevant physical activity.

Physical Education 1 (0951, 0952) **9-10** **1 Credit** **Semester Course**

Prerequisites: None

Course Description: P.E. 1 will introduce students to a variety of team sports. Units may include but are not limited to; rugby, speedball, volleyball, dance, handball, eclipse ball, floor hockey, ultimate frisbee, badminton, softball, spike ball, bottle bash, create-a-game dance. Progress monitoring of student health-related fitness levels based on the FitnessGram assessment program will begin in this class and continue throughout a student's four years of high school. Aerobic capacity, flexibility, muscular strength, muscular endurance, and body composition will be assessed. Ongoing assessments will include both written and performance-based evaluations.

Physical Education 2 (0955, 0956) **11-12** **1 Credit** **Semester Course**

Prerequisites: None

Course Description: This course will introduce students to a variety of activities which may include but are not limited to; flag football, soccer, tennis, bowling, basketball, bags, bocce ball, nitro ball, disc golf, pickleball, archery, table tennis. Students will also engage in team building activities. A focus of life-long fitness activities and games will be a primary focus on a weekly basis. In conjunction with this course, progress monitoring of student health-related fitness levels based on the FitnessGram assessment program will begin in this class and continue throughout a student's four years of high school. Aerobic capacity, body composition, flexibility, muscular strength, muscular endurance and body composition will be assessed. Ongoing assessments will include both written and performance-based evaluations.

PE Body Sculpt (0949, 0950) **11-12** **1 Credit** **Semester Course**

Prerequisite: None

Course Description: This course is designed for any student wishing to increase their fitness levels through a variety of exercises and activities such as but not limited to: dance, interval workouts, Pilates, step aerobics, aerobic kick boxing, and yoga. P.E. 1 will introduce students to a variety of team sports. Units may include but are not limited to; rugby, speedball, volleyball, dance, handball, eclipse ball, floor hockey, ultimate frisbee, badminton, softball, spike ball, bottle bash, create-a-game dance. Progress monitoring of student health-related fitness levels based on the FitnessGram assessment program will begin in this class and continue throughout a student's four years of high school. Aerobic capacity, flexibility, muscular strength, muscular endurance, and body composition will be assessed. Ongoing assessments will include both written and performance-based evaluations. Ongoing assessments will include both written and performance-based evaluations. Class sizes are limited; juniors and seniors will be given preference as schedules permit.

PE Strength and Conditioning (0959, 0960) **10-12** **1 Credit** **Semester Course**

Prerequisite: "C" or better in previous PE course

Course Description: The purpose of this course is to allow students to improve their physical fitness levels. The focus of this program is on strength, endurance, agility skills training, and flexibility of the individual. OTHS teachers supervise the proper technique of the program's core lifts, with a major emphasis on proper spotting and safety procedures. In conjunction with this course, progress monitoring of student health-related fitness levels based on the Fitnessgram assessment program will continue throughout a student's four years of high school. Aerobic capacity, body composition, flexibility, muscular strength, muscular endurance and body composition will be assessed. Ongoing

assessments will include both written and performance-based evaluations. Class sizes are limited; juniors and seniors will be given preference as schedules permit.

Health

Healthy Living (0905) **10-12** **1 Credit** **Semester Course**

Prerequisite: Permission from the director of special needs services

Course Description: All students enrolled in Healthy Living will study the direct and factual approach to health education that is practical, personal, and positive. Health topics include safety, drug education, disease prevention, family living, nutrition, personal health, growth, and development, building self-esteem and relationship skills. By acquiring knowledge, attitudes, and skills necessary to a healthful life, students will learn to take responsibilities for their own health.

Health (0903, 0904) (0901T, 0902T) **10** **1 Credit** **Semester Course**

Course Description: This course provides the sophomore student with the current information in the fields of personal, environment and community health. Students will gain valuable information in the following areas:

1. Mental Health – including personality, self-esteem, stress management, mental disorders, and suicide prevention
2. Human Development – including reproduction, heredity, pregnancy, birth, contraception, sexually transmitted diseases, childhood, adolescence, adulthood, aging, death and organ/tissue transplant and donation.
3. Nutrition
4. Substance Abuse – including prevention of alcohol, tobacco, and drug abuse
5. Disease Prevention
6. Injury Prevention - including first aid and CPR

The students will engage in a daily ongoing evaluation of their overall health wellness. Students consider making better choices in relationship to risk behaviors, which ultimately will allow them to live longer, healthier, and productive lives.

Sports Medicine (0908) **11- 12** **2 Credits** **Year Course**

Prerequisite: Successful completion of Health (Application required, see counselor)

Course Description: **Credit for this course does not count toward physical education and health graduation requirements.** In this course students will learn proper protocol when dealing with sports-related injuries. The class will discuss assessment and evaluation of injuries, as well as the treatment and rehabilitation of these injuries. The class encompasses both lecture and lab portions of the class. Athletic taping of arches, ankles, shins, elbows, wrists and fingers will be required as well as wrapping shoulders, knees, and hips. The use of the computer lab to study human anatomy will also be a required portion of the lab.

Drivers Education

Drivers Education (0915, 0917)

10-12

1 Credit

Semester Course

Lab Fee: (during the school year)

- A \$20.00 fee is used to purchase permits, this is made payable to the Secretary of State and may not be waived under any circumstances.
- A \$175.00 fee is made payable to Ottawa Township High School and is due at the conclusion of the second week of class.

Course Description: Drivers Education is an elective course which requires students to participate in classroom instruction and lab (Behind the Wheel) portions of the class. The classroom portion will meet for nine weeks. Students who accumulate three or more absences during this nine-week grading period may be dropped from the class. The lab portion of the class will take place during the second nine weeks following successful completion of the first nine weeks grading period. Students will drive 12-14 days, depending on vehicle availability. On non-driving days, students report to an assigned study hall. This course is also offered in the summer for students who were unable to take the course during the school year. (Based on availability)

Before being admitted to Drivers Education the students must meet the following requirements:

1. Turn 16 the semester they enroll in driver's education.
2. Receive at least 8 credits during the first two previous semesters in courses that carry a GPA. (Example: P.E. does not count toward the 8 credits.)

Additional Information:

1. Summer School: Students must be 15 years of age prior to enrolling in summer school.
2. Students may NOT request both summer driving/driving during the school year – choose one or the other.
3. Students who do not pass the first nine weeks (classroom portion of the course) will not be allowed to drive in the lab portion on the class (Behind the wheel.)
4. This course is not required for graduation.

Foreign Language

German 1 (0066) 9-12 2 Credits Year Course

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 2 (0070) 10-12 2 Credits Year Course

Prerequisite: Successful completion of German 1 – 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 3 (0074) 11-12 2 Credits Year Course

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

Text: Komm-Mit - Level III (Ch. 1-6)

Course Description: Same as German I and German II including a selection of literary work with questions for discussion or written work also, authentic assessments in the form of projects and presentations in German.

German 4 (0078) 12 2 Credits Year Course

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

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

Course Description: Same as German III including a review of German grammar and a selection of literary work with questions for discussion or written work also, authentic assessments in the form of projects and presentations in German.

Spanish 1 (0082) **9-12** **2 Credits** **Year Course**

Text: ¡Exprésate! Level I (Ch. 1-6)

Course Activities:

1. Introduction
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 2 (0086) **10-12** **2 Credits** **Year Course**

Prerequisite: Successful completion of Spanish 1 – A grade of “C” or above is strongly suggested.

Text: ¡Exprésate! Level I (Ch. 7-10) and ¡Exprésate! Level II (Ch. 1-3)

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. Supplementary culture activities.

Spanish 3 (0090) **11-12** **2 Credits** **Year Course**

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

Text: ¡Exprésate! Level II (Ch. 4-9)

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

Spanish 4 (0094) **12** **2 Credits** **Year Course**

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

Text: ¡Exprésate! Level II (Ch. 10) and 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

Business and Consumer Education

Consumer Education (Macroeconomics Application Network) (0050) 11-12 1 Credit Semester Course

Prerequisite: Permission of the Director of Special Services.

Course Description: This course is a comprehensive consumer education program that has all the elements needed to simulate living in the real world after high school. Activities focus on everyday scenarios that help students develop a clear understanding of the steps they will need to take and the decisions they will need to make to set up and manage their households after finishing high school. Students will study such topics as; salaries, budgeting, personal income taxes, personal banking, housing costs and associated expenses, purchasing, credit, savings and investments, insurance, borrowing and repaying money, consumer rights and responsibilities, and travel, recreation, and vacations.

Study Skills & Test Taking Strategies (0136) 9-12 1 Credit Semester Course

Course Description: This course is open to all students who need help with taking notes, reading textbooks, managing time, and taking tests and test anxiety. Strategies presented include Cornell notes, SQ3R textbook study system, note cards, study tips for various types of tests, and tips for overcoming test stress and anxiety.

Introduction to Business (0162) 9 2 Credits Year Course

Fulfills Consumer Education Graduation Requirement

Course Description: 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.

Computer Concepts (0103) 9-12 1 Credit Semester Course

Course Description: Computer Concepts is an introductory course and a prerequisite for all other computer courses. This one semester course teaches the touch method of alphabetic and numeric keyboarding while introducing basic computer skills. Students learn to format documents such as letter, memos, reports, and tables for personal, classroom, and business use. Students use Microsoft Word to format documents and are introduced to the basic elements of Microsoft Excel, Publisher, and PowerPoint. Success in this course will allow students to be successful on the IVCC Keyboarding proficiency exam.

Microsoft Office (0105) 9-12 1 Credit Semester Course

Prerequisite: Successful completion of Computer Concepts

Course Description: Microsoft Office is an all-in-one class that contains everything a student needs to learn the basics of computers and Microsoft Office 2016 Word, Excel, and PowerPoint. Multiple learning activities, including virtual hands-on labs, are designed to develop proficiency in Microsoft Office skills. The course is uniquely designed to help students obtain academic and career success. At the end of the class, students will have the opportunity to receive Microsoft Office certification.

Introduction to Multimedia (0154) 9-12 1 Credit Semester Course

Prerequisite: Successful completion of Computer Concepts

Course Description: This course is an introduction to the study and creation of multimedia using Adobe CS4. Students will be introduced to photo editing, graphic design, sound editing, animation, and web design. The course is

designed as a survey course in which students can explore various aspects of multimedia and determine which of those aspects they may wish to pursue further.

Web Design (0117) 9-12 1 Credit Semester Course

Prerequisite: Successful completion of Computer Concepts

Course Description: Web page design is one of the workforce skills in greatest demand. Students will learn to design web pages while learning the basics of hypertext markup language and CSS along with web page editing. The semester will be capped off with a business simulation in which students will go through the steps of designing a site for a business from start to finish.

Digital Communications (0119) 10-12 1 Credit Semester Course

Prerequisite: Successful completion of Computer Concepts

Course Description: This course is an introduction to current and emerging technologies. Throughout the semester, students will interact and experience the latest digital tools through blogging, branding, social media content creation, and managing syndicate online materials. The course is designed as a survey course in which students can explore the different aspects of marketing, branding, and professional social media use in the business world.

Personal Finance (0135) 11-12 1 Credit Semester Course

Fulfills Consumer Education Requirement

Course Description: 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.

Accounting (0130) 11-12 2 Credits Year Course

Course Description: Accounting is designed to introduce students to the basic concepts of accounting theory and fundamental principles. Students are given a thorough knowledge of the accounting operations used in a business by learning to analyze transactions, record them in a journal and post them to the appropriate accounts in the ledger. Students cover all steps involved in completing an accounting cycle. Knowledge of accounting may prove helpful to each student for personal use as well as those students who plan to major in business in college.

Marketing/Sales (0151) 11-12 1 Credit Semester Course

Course Description: 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.

Business Law (0145) 11-12 1 Credit Semester Course

Course Description: Students will gain the practical knowledge of business law in everyday life and in the business world. This course is designed to help the students 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. Projects will include the integration of technology to research current topics related to the types and kinds of laws regarding criminal, civil, family, consumer, and contract law areas.

Economics (0551) 11-12 1 Credit Semester Course

Course Description: Successful completion of this course fulfills the Consumer Education graduation requirement. 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.

Applied Consumer Economics (0577) 11-12 1 Credit Semester Course

Course Description: Successful completion of this course fulfills the Consumer Education graduation requirement. 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.

Cooperative Education (0680, 0698)

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.

Course Description: The co-op class fulfills consumer education requirements for those students successfully completing a full 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.

Enrollment Procedure: Student must obtain an application for Co-op from his or her counselor or in room 109. 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 enroll in Co-op mid-year.

Agriculture

Introduction to Agriculture (0656) **9-10** **2 Credits** **Year Course**
Course Description: 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.

Basic Agriculture Science (0606) **10-11** **2 Credits** **Year Course**
Course Prerequisite: Successful completion of Biology or Introduction to Agriculture.
Course Description: This course builds on basic skills and knowledge gained in Introduction to Agriculture. Major units of instruction include agriculture research, soil science, natural resources management, advanced plant science, and biotechnology. Applied science and math skills and concepts will be stressed throughout the course as they relate to each area. Improving computer and workplace skills will be a focus throughout the course. Students will have the opportunity to participate in FFA activities.

Animal Science (0658) **10-12** **1 Credit** **Semester Course**
Prerequisite: Successful completion of Biology or Introduction to Agriculture.
Course Description: This course does not meet NCAA Clearinghouse requirements. 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 only meets 4-year Illinois college entrance requirements.

Agribusiness Management (0666) **10-12** **1 Credit** **Semester Course**
Prerequisite: Successful completion of Introduction to Agriculture.
Course Description: Successful completion of this course fulfills the Consumer Education graduation requirement. This course is designed to develop the student's business and managerial skills. Students will develop the decision making and entrepreneurial skills necessary for the operation of a successful business. Areas of study include the impact of technology on agriculture, keeping and using records, economic principles, basic business organization, financing the business, agricultural law, insuring the business, career establishment in an agricultural occupation, microcomputer applications, marketing agricultural products and services, aquaculture, wildlife conservation, economic principles of livestock production, food science, genetic applications in agriculture, advanced care and health management of animals and their environment, and agricultural engineering and mechanization. Students will have the opportunity to participate in FFA activities.

CAD 2 (Computer Aided Drafting & Design) (0815) 10-12 1 Credit Semester Course

Prerequisite: Successful completion of CAD 1

Course Description: This is a continuation of CAD 1. The same software used in CAD I will be used to create advanced drawings in those areas covered in the beginning course. Having mastered the CAD software in CAD 1 emphasis will be placed on introducing the students to new types of drawings used in industry. Method of determining the student's grade will be the same as stated in CAD 1. Students who complete CAD 1 and CAD 2 with an average of 80% or better will receive College credit from Illinois Valley Community College of 3 semester hours at no cost or any testing requirements.

CAD 3 – Engineering (0820) 11-12 2 Credits Year Course

Prerequisite: Successful completion of CAD 2

Course Description: This is an advanced course in Computer Aided Design (CADD) which uses the Autodesk Design Academy suite of software including, three-dimensional design software (Inventor) AutoCAD latest versions of software for Computer Aided Drafting and Design work. Autodesk is the number one CAD software used in colleges, universities, and modern industry. The student will complete assignments in advanced multi-view, sectional, and pictorial drawings, 3D modeling and 3D assembly models. In addition, new material will be introduced consisting of projection theory, advanced dimensioning procedures and tolerance, thread, and fastener drawings; auxiliary and revolution drawings; working and assembly drawings to include 3D assemblies and models. Project will incorporate all the materials studied throughout the course of the year.

CAD 3 – Architecture (0822) 11-12 2 Credits Year Course

Prerequisite: Successful completion of CAD 2

Course Description: This is an advanced course in Computer Aided Drafting and Design (CADD) which uses the Autodesk Design Academy suite of software including, three-dimensional design software. This course teaches the student how to use AutoCAD to generate architectural drawings. Students will use the Autodesk Design Academy suite of software. The student will be instructed through guided lecture and computer experience. Students, 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, architectural styles, area planning, cost analysis, house orientation, etc. Each student will be required to design 2 homes including all working drawings for construction. Students' will also learn concepts related to topography and topographical and legal descriptions as it relates to Architecture. Student will construct a model structure to better understand building construction and its relationship to design.

Vocational Auto Mechanics 1 (0838, 0839) 11-12 4 Credits Year Course (2-hour block)

Prerequisite: Successful completion of Power Technology

Course Description: 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, preventative 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 20% classroom to 80% lab time.

Vocational Auto Mechanics 2 (0842, 0843) 12 4 Credits Year Course (2-hour block)

Prerequisite: Successful completion of Vocational Auto Mechanics 1.

Course Description: 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 20% classroom to 80% lab time. Note: This follows the *National Automotive Technicians Education Foundation* task list and *Automotive Service Excellence* guidelines.

Area Career Center – LP High School

All Classes are 2 hours per day at the Area Career Center located at LaSalle-Peru High School.

Aviation 1 (0808CC) 11-12 2 Credits Semester Course

Course Description: This course is offered 1st semester only. This course is focused on taking students through the elements included in the ground school portion of an aviation education program. Major topics include, but are not limited to, a fundamental study of the technical subject matter necessary to operate safely as private pilot. This includes basic aerodynamics and aircraft performance, aviation regulations, cross-country flight planning, basic meteorology, aeromedical factors, and aeronautical decision-making. Students will be exposed to careers across the aviation industry and will have the opportunity to be taken up in flight on at least two occasions.

Building Trades 1(0844CC) 11-12 4 Credits Year Course

Required Supplies: Students may buy safety glasses or borrow from ACC (required equipment).

Course Description: Students enrolled in Building Trades will learn the skills necessary to pursue a career in the Carpentry Profession. In addition to learning how to properly use hand and power tools students will learn how to design and construct stair risers, raise general framing, install roofing, and perform interior and exterior finish work. Whenever possible students will put their skills to work in off-site construction projects. Students will be eligible to earn an OSHA 10-hour safety credential, as well as earn certification in construction and safety through the NCCER curriculum.

Building Trades 2 (0852CC) 12 4 Credits Year Course

Prerequisite: Successful completion of Building Trades 1.

Required Supplies: Students may buy safety glasses or borrow from ACC (required equipment).

Course Description: This second year of the Career and Technical Education series in Building Trades is a continuation and expansion of the first course.

Residential Wiring 1 (0857CC) 11-12 4 Credits Year Course

Required Supplies: Students may buy safety glasses or borrow from ACC (required equipment).

Course Description: Students taking this course will be taught a curriculum that is designed to instill in them the basic knowledge necessary to become a residential electrician. Students will learn how to read, create, layout, and diagnose electrical blueprints. Additionally, as part of a hands-on experience students will learn how to hang light fixtures, install smoke detectors, as well as build and install a main service panel with electrical breakers. Enrolled students will be eligible for five college credit hours from IVCC.

Residential Wiring 2 (0858CC) 12 4 Credits Year Course

Prerequisite: Successful completion of Residential Wiring I.

Required Supplies: Students may buy safety glasses or borrow from ACC (required equipment).

Course Description: This second year of the Career and Technical Education series in Residential Wiring is a continuation and expansion of the first course.

Basic Fire Skills 1/Emergency Medical Responder (0850CC) 11-12 4 Credits Year Course

Course Description: This course is designed to provide students with the basic skills and knowledge to provide emergency medical treatment as well as understand the techniques needed to fight and extinguish fires. The course is run as a working fire house with students assigned roles and duties to simulate this experience. Students will be eligible for four college credit hours by completing the emergency Medical Responder certification through IVCC.

Basic Fire Skills 2 (0851CC) 12 4 Credits Year Course

Prerequisite: Successful completion of Basic Fire Skills/Emergency Medical Responder.

Course Description: This second year of the Career and Technical Education series in Basic Fire Skills is a continuation and expansion of the first course.

Welding 1 (0859CC) **11-12** **4 Credits** **Year Course**

Required Supplies: Welding gloves, helmets, aprons, etc. are provided. Students are expected to wear proper shoes, and appropriate clothing. Students may wish to purchase their own safety glasses and apparel.

Course Description: Students enrolled in this course will learn proper welding techniques and procedures. The first year introduces students to basic techniques, tool use, and safety. Second year students will continue to learn more advanced methods and will build upon skills learned in the first year. Students who successfully complete the course will be eligible for four proficiency hours and six hours of college credit from IVCC. Additionally, students will be exposed to, and taught use of plasma cutters with CNC controllers.

Welding 2 (0860CC) **11-12** **4 Credits** **Year Course**

Prerequisite: Successful completion of Welding I.

Required Supplies: Welding gloves, helmets, aprons, etc. are provided. Students are expected to wear proper shoes, and appropriate clothing. Students may wish to purchase their own safety glasses and apparel.

Course Description: This second year of the Career and Technical Education series in Welding is a continuation and expansion of the first course.

Machine Technology 1 (0855CC) **11-12** **4 Credits** **Year Course**

Required Supplies: Students may buy safety glasses or borrow from ACC (required equipment).

Course Description: Students enrolled in this class will learn to operate lathes, mills, grinders, presses, band saws, and state of the art CNC equipment to manufacture projects of their own design. Students will be eligible for four college credit hours from IVCC. In addition, students enrolled for a second year will have opportunity to earn Manufacturing Production Technician Certification through the use of the Manufacturing Skills Standards Council curriculum.

Machine Technology 2 (0856CC) **12** **4 Credits** **Year Course**

Prerequisite: Successful completion of Machine Technology I.

Required Supplies: Students may buy safety glasses or borrow from ACC (required equipment).

Course Description: This second year of the Career and Technical Education series in Machine Technology is a continuation and expansion of the first course.

Health Occupations 1 (0661CC, 0663CC) **11-12** **4 Credits** **Year Course**

Prerequisite: At ACC only if not offered at OTHS. Limited placements available; student's grades and attendance will be considered if there are more applicants than positions available.

Required Supplies: Scrubs. Fees: \$35.00 Background check; \$65.00 Certification exam; \$TBA TB Skin Test; \$60.00 Textbook (optional)

Course Description: Students enrolled in this course will learn basic anatomy and physiology terminology as well as patient care skills (such as taking vital signs). In the second semester students will get the hands on clinical experience required by the Illinois State Department of Public Health to become a certified Nursing Assistant (CNA).

Health Occupations 2 (0668CC) **12** **2 Credits** **Semester Course**

Prerequisite: Successful Completion of Health Occupations 1.

Required Supplies: Scrubs. Fees: \$60.00

Course Description: This second year of the Career and Technical Education series in Health Occupations is a continuation and expansion of the first course. Second year students will earn credit for IVCC's Medical Terminology (3 credit hours).

Health Occupations 2/Emergency Medical Responder (0671CC) **11-12** **4 credit** **Year Course**

Course Description: This course is a college level course that is meant to introduce students to the concepts and

Terminology that permeates the medical profession. Any student going into the health care field would find this Course an excellent addition to their course load. Second semester student will join into the Fire Science Course to Work on basic skills and knowledge to provide emergency medical treatment.

Computer Repair 1 (0853CC) **11-12** **2 Credits** **Semester Course**
Course Description: This course is designed as a core class for becoming a PC technician. You will learn both the hardware and software components of the PC environment. Soft skills and professionalism needed for working with clients or “users” are also heavily emphasized. We will also be using a ticketing and inventory system in class, to build familiarity with the ticketing and documenting process used in the industry. The first level of this course prepares the student for two certification programs TestOut’s PC Pro certification and CompTIA’s A+ Core certification. The TestOut PC Pro certification is included and will be used as the Midterm Exam.

Computer Repair 2 (0861CC) **11-12** **2 Credits** **Semester Course**
Prerequisite: Successful completion of Computer Repair 1
Course Description: This course is designed as a core class for becoming a PC technician. You will learn both the hardware and software components of the PC environment. Soft skills and professionalism needed for working with clients or “users” are also heavily emphasized. We will also be using a ticketing and inventory system in class, to build familiarity with the ticketing and documenting process used in the industry. The second level of this course allows the student to pick a in the IT field, they will then study for the corresponding industry certification while honing their skills in a simulated work environment.

Introduction to Computer Programming OPP & APP Development (0854CC) **11-12** **2 Credits** **Semester Course**
Course Description: This course is designed as a core class for becoming a Software Developer. You will learn both object-oriented programming (aka OOP) and APP development, through the use of the C# programming language. Soft skills and professionalism needed for working with clients or collaborators are also heavily emphasized. We will also be using SQL(Structured Query Language) in class, to build familiarity with databases and how to utilize them in your software. The first level of this course develops familiarity with the C# programming language, programming logic, and the process of designing and developing software start to finish. The first level of this course also prepares students to take Knowledge Pillars C# Associates Certification. Spring Semester only.

Computer Programming 2 (0862CC) **12** **2 Credits** **Semester Course**
Course Description: This course is designed as a core class for becoming a Software Developer. You will learn both object-oriented programming (aka OOP) and APP development, through the use of the C# programming language. Soft skills and professionalism needed for working with clients or collaborators are also heavily emphasized. We will also be using SQL(Structured Query Language) in class, to build familiarity with databases and how to utilize them in your software. The second level of this course takes what they have learned in level one and applies it in the Unity Game Engine to round out their understanding OOP and its application through the creation of 3D Apps, simulations, game, and even VR or AR experiences. The second level also prepares the students for the Unity Certified User Programmer Certification. Spring semester only.

Cosmetology 1 and 2 (0636CC, 0637CC) **12** **4 Credits** **Year Course**
Fees: \$200 to Educators of Beauty
Course Description: This course is open to seniors only. The class is offered at Educators of Beauty which is a Pivot Point School. The class will engage students in both practice and theory of introductory concepts as facials, shampooing, permanent waves, makeup application, manicures, pedicures, hair removal/scalp massage, chemical hair relaxing, and retail. Upon completion students will have been eligible to have earned up to 150 hours towards a licensure in cosmetology. More information can be found at www.educatorsofbeauty.com.

Illinois Valley Entrepreneurial Opportunities (IVEO) (0158CC) **12** **4 Credits** **Year Course**

Fashion Merchandising (0605) **11-12** **1 Credit** **Semester Course**

Course Description: This class explores the world of fashion merchandising, visual merchandising, 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.

Fashion Design (0635) **11-12** **1 Credit** **Semester course**

Course Description: Fashion Design is a semester long, hands on course for any student interested in the creative side of the fashion industry. Topics covered will include fashion illustration, history of fashion and fashion designers, textile design, trend forecasting, and careers. The main goal for this class is to focus on the inspiration of each student and how to creatively express that through fashion. Fashion design is a non-sewing, project-based class and it is suggested that students take this course opposite of Fashion Merchandising.

Adult Living (0651) **11-12** **1 Credit** **Semester Course**

Course Description: Adult Living is a class designed for life after high school. It includes practical information for college and jobs, as well as helpful ways to handle your everyday life. This course is designed to assist individuals and families in achieving life satisfaction through responsible participation as adults in the home, community, and workplace. The course content includes: developing short and long-range plans, demonstrating goal setting and decision-making skills; developing proficient money management skills; evaluating and adapting basic needs to assume roles and responsibilities; recognizing and following health practices that assist in coping, selecting and using resources to enhance individual growth and development; developing effective relationships to promote communication with others; understanding what parenthood entails and the foundation and characteristics that make up a family; and identifying resources.

Child Development (0643) **11-12** **1 Credit** **Semester Course**

Course Description: Child Development is a course designed for students who are planning to pursue any occupation related to children. This course provides information about conception, pregnancy, and the delivery of a baby. Other topics include growth and development of infants and young children up to age three. Emphasis is placed on parental roles, responsibilities, and guidance techniques in disciplining and educating children.

Vocational Child Care (0646, 0647) **12** **4 Credits** **Year Course (2-hour block)**

Prerequisite: Successful completion of Child Development or the consent of the Division Chair and teacher.

Course Description: 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 a wonder basis for college-bound early education majors. Students will demonstrate their ability to take responsibility, show self-initiative, and function successfully with others. The students will practice effective guidance while evaluating and relating the child's actions to what is studied in class. Students are required to take the Child Development class before or concurrently with this course. Students have the opportunity to articulate with IVCC and receive three hours of college credit after completing specific requirements.

Art

Art (0782, 0783) **9-12** **2 Credits** **Semester Course**

Prerequisite: Permission of the Director of Special Needs

Course Description: Art is a semester course that covers many disciplines and mediums. Students work with paints, clay, fabric, markers, pastels, paper, colored pencils, dye, scratch art, etc. Students also learn and utilize the principles and elements of design such as line, shape, color, texture, movement, pattern, composition, etc. Through the use of differentiated instructional strategies, each student is able to meet the criterion that is adjusted to individual student abilities. Most importantly, students have fun make art that focuses on the individual expression of each student.

Art 1 – Foundations of Art (0002) **9-12** **2 Credits** **Year Course**

Course Description: This course introduces students to the elements and principles of art and design. The students will be exposed to various media and techniques as they explore a wide range of class projects. An emphasis will be placed on craftsmanship and creative problem solving. Some art history and appreciation will be covered to strengthen the student's understanding of the role art plays throughout society. The projects in this course will deal with subject matter ranging from still life to figure and landscape. The students will work with pencil, charcoal, pastels, ink, acrylic paint, watercolors, colored pencils and markers. Many other design processes will also be explored and utilized during the course. The instructor determines the sequence of the projects according to the student's needs and interests. The first six weeks will be used to focus on drawing and value. The students are required to furnish their own supplies and equipment that costs approximately \$35.00. The materials will need to be obtained during the first few weeks of the school year. Students with financial difficulties who cannot afford the required supplies should check with their counselor, principal or teacher. No student will be refused placement due to financial difficulties.

Art 2 – Art and Composition (0006) **10-12** **2 Credits** **Year Course**

Prerequisite: Successful completion of Art I – Foundations of Art

Course Description: During this course, the students will further explore the techniques and processes they encountered during the foundations of art course. New media and processes will be introduced to further develop and broaden the student's artistic abilities. Art history will be taught in context with the projects. Creative problem solving has a greater emphasis in this course and the students will be encouraged to begin developing their personal, artistic identity. The projects in this course cover a range of artistic movements that challenge the students to create realistic and abstract solutions. During this course, students will be encouraged to maintain a standard and digital portfolio. Digital art is introduced during the second semester. The students will create projects using digital design software and animation software. The students will be required to furnish their own supplies and equipment. These materials are much the same as those used in Foundations of Art (Art 1), and they can be reused. Students with financial difficulties should check with their teacher, counselor, or principal. No student will be refused placement due to financial difficulties.

Art 3 – Advanced Concepts in Art (0010) **11-12** **2 Credits** **Year Course**

Prerequisite: Successful completion of Art II – Art and Composition

Course Description: This course requires students to use the technical skills they acquired in Art1/ Foundations of Art and Art 2/ Art and Composition. The course is intended to prepare students for the senior level AP Studio class. This course allows students to exercise their creative freedom while building a portfolio that will be accepted to the College Board at the end of their senior year. In this course, students can engage in a working studio atmosphere while fostering their creative vision in preparation for their senior portfolio. Many of the projects are thematic and issue based. Art history continues to be incorporated into the context of the projects. Advanced and new techniques in printmaking, oil, acrylic, watercolor, photography, and dry media will be presented. The instructor, based on the

Digital Art and Design (0020) **10-12** **1 Credit** **Semester Course**

Prerequisite: Foundations of Art 1

Lab Fee: \$15.00

Course Description: This course will introduce students to the progressive world of digital art. Students will explore the design process and develop techniques for creating computer-based artwork. The course utilizes Adobe's Creative Cloud software. Students will use the software to create projects that cover a wide spectrum of digital art careers. The projects in this course will cover logo design, corporate identity, print-based visual communication, digital painting, and character design. A strong emphasis will be placed on the history of graphic design and digital art to better prepare students for the competitive design market. If you like drawing, working with computers and challenging your creativity then this course will introduce you to a whole new side of the art world. Computer equipment will be furnished, and each student will be expected to maintain a digital portfolio. No students will be refused placement due to financial difficulties.

Digital Photography (0016) **10-12** **1 Credit** **Semester Course**

Prerequisite: Successful completion of Art 1 – Foundations of Art 1

Lab Fee: \$15.00

Course Description: This course is designed to introduce students to the art of photography. The students will learn how a digital SLR camera operates and techniques for improving their photographic composition. While in this course, students will also learn about career opportunities and examine the work of famous photographers. Since taking the picture is only part of a photographer's job, this class will also emphasize digital darkroom techniques using Adobe Photoshop. Digital cameras will be available for the students to use during the semester. Students will be required to sign an equipment contract upon admission to the course. The contract is in place to ensure responsible handling of school property. Admission to this course will be limited. Admission will be based on Art Experience, grade level, and GPA. Students with financial difficulties who cannot afford the required supplies should check with their counselor, principal or teacher. No student will be refused placement due to financial difficulties.

Special Needs Program

Core courses are listed under each individual department

Global Strategies 9 (0743)	9	2 Credits	Year Course
<u>Prerequisite:</u> Permission of the Director of Special Services.			
<u>Course Description:</u> 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 program. Using 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.			
Basic Vocational Study Skills (0725)	9-12	1 or 2 Credits(s)	Semester/Year Course
<u>Prerequisite:</u> Permission of the Director of Special Services.			
<u>Course Description:</u> 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.			
Life Skills (0766)	9-12	1 or 2 Credits(s)	Semester/Year Course
<u>Prerequisite:</u> Permission of the Director of Special Services.			
<u>Course Description:</u> Students complete high school requirements utilizing a modified curriculum that will accommodate individual needs. Students also work on life skills, job skills, and opportunities for community-based instruction. Instruction is provided in a classroom environment that follows the bell schedule.			
Global Strategies (0742)	10-11	2 Credits	Year Course
<u>Prerequisite:</u> Permission of the Director of Special Services.			
<u>Course Description:</u> 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 program. Using student's instruction 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 Post-Secondary Preparatory (0740)	12	1 or 2 Credits(s)	Semester/Year Course
<u>Prerequisite:</u> Permission of the Director of Special Services as well as 12th grade status.			
<u>Course Description:</u> This course will offer activities and curriculum designed to address post-secondary employment, education/training and independent living. Individual post-secondary goals will be explored and developed. Along with curriculum, this course will be aligned to the student's needs as identified in their Individualized Educational program.			
Transition Program (0767)		12+	
<u>Prerequisite:</u> Permission of the Director of Special Services.			
<u>Course Description:</u> The Transition Program provides quality transition services that foster the development of skills necessary for post-secondary education, adult education and training, adult service coordination, independent living, community participation, job/career planning, placement, and support.			

Course Requirements: Students aged 19-22 with a disability indicated by an Individual Educational Plan who have completed their high school requirements but seek additional training/education transition related services.

****Note****

Students may receive services in the transition program until the day prior to their 22nd birthday.

Ottawa Township High School
Graduation Requirements

Graduates must complete 8 semesters of full-time student status. This means that students must carry at least 5 classes and PE for 8 semesters.

(The only exception to this requirement is seniors who have applied and have been approved for early graduation, PE is waived for the last semester.)

Course/Credit Requirements

English — 8 semesters or 8 credits

Math — 6 semesters or 6 credits

Science — 4 semesters or 4 credits (2 credits from Biology and 2 credits from a Physical Science — a student must choose 2 semester classes from Astronomy, Meteorology, Geology, or Topics in Physics; or a year of Chemistry or Physics) unless the student completed Geoscience as a freshman.

Social Science — 4 semesters or 4 credits (2 credits from U.S. History are required. World History must be taken as a freshman and American Government must be taken sophomore year)

Consumer Education — 1 semester or 1 credit (Classes that meet this requirement are Applied Consumer Economics, Economics, Personal Finance, Agri-business Management or by passing the full year of Introduction to Business or Cooperative Education class.)

Fine Arts, Foreign Language, or Vocational Education — 2 semesters or 2 credits

Health — 1 semester or 1 credit

Physical Education — 7 semesters or 7 credits of PE are required.

Additional Requirements:

- Must pass Illinois and Federal Constitution Tests — Given in American Government
- Must take the ISBE SAT, typically Junior Year
- Must complete the FAFSA or non-participation form

➤ Total of 40 credits or more

Pirates Pathways

4-Year Educational / Career Plan

Name: _____ Counselor: _____

Freshman Year

1. English _____
2. Math _____
3. Science _____
4. World History _____
5. _____
6. _____
7. P.E. _____

Sophomore Year

1. English _____
2. Math _____
3. Science _____
4. American Government _____
5. _____
6. _____
7. P.E./Health or Health/P.E. _____

Junior Year

1. English _____
2. Math _____
3. U.S. History _____
4. Consumer Education _____
5. _____
6. _____
7. P.E. _____

Senior Year

1. English _____
2. Math _____
3. _____
4. _____
5. _____
6. _____
7. P.E. _____

What are your career plans? _____

What are your educational plans? _____

Workforce: _____ Military: _____ Trade/Technical School: _____

2-year college: _____ 4-year college: _____ Other: _____

Early graduation: _____