



# OAK LAWN COMMUNITY HIGH SCHOOL



## PLANNING GUIDE 2025-2026



**EDUCATIONAL PLANNING GUIDE**  
**School Year 2025-26**  
**Oak Lawn Community High School**



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**[www.olchs.org](http://www.olchs.org)**

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# OAK LAWN COMMUNITY HIGH SCHOOL DISTRICT 229

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To the Parents and Students of Oak Lawn Community High School:

The successful outcome of the high school experience is dependent on the combined and collaborative efforts of students, parents, and school. This Educational Planning Guide is prepared to present essential information and curricular offerings at Oak Lawn Community High School. You will find information regarding the requirements for graduation, the programs and course descriptions, a summary of admission requirements to state universities, and a sample four-year plan.

Parents and students should study and discuss this booklet. Together, plans for the next four years should be developed and reviewed annually based upon educational goals and career interests. In addition, the Oak Lawn Community High School staff are available to assist in your educational planning. Counselors are especially qualified to help students assess their academic goals. We welcome the opportunity to provide collaborative dialogue in the educational planning process.

At OLCHS, we are committed to our mission, vision, and values.

## **OLCHS Mission**

As a diverse and inclusive 21<sup>st</sup>-Century school, our mission is to graduate students prepared for future success through a safe, supportive, and intellectually challenging environment committed to the values of **Spartan PRIDE**.

## **OLCHS Vision**

We envision a school that develops future-ready citizens who

- respect and embrace high standards of learning,
- strive to be responsible, engaged individuals of strong character,
- partner with our diverse communities,
- possess the skills and knowledge to innovate in the global economy.

## **OLCHS Values – Our Spartan PRIDE Motto**

- Personal Responsible
- Respect
- Integrity
- Dedication
- Excellence

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## REQUIREMENTS FOR GRADUATION

### REGULAR CURRICULUM REQUIREMENTS

- Forty-four (44) credits are required for graduation. Thirty-six (36) credits of the above must include:
  - 8 credits of English: English 1, English 2, English 3 sequence and two additional English credits
  - 4 credits of Science: 2 credits of Biological Science and 2 credits of Physical Science
  - 6 credits of Mathematics: Algebra, Geometry, and Algebra 2 (or equivalent)
  - 5 credits of Social Studies: World History 1 (1 credit), World History 2 (1 credit), United States History (2 credits), Government and Politics (1 credit)
  - 8 credits of Physical Education: 6 credits of P.E., 1 credit of Health and 1 credit of Fitness I or Junior Leaders.
  - 1 credit of Consumer Education or AP Microeconomics
  - 4 credits in any of the following departments: Art, Business, Foreign Language, Family and Consumer Sciences, Industrial Technology, or Music.
- All students must take the state-mandated assessment prior to graduation.
- Successful completion of Government or AP Government indicates passing of United States and Illinois Constitution requirements. Beginning with the Class of 2020, completion of Government or AP Government will satisfy PA 99-0434 by including civics content requirements.
- All students must demonstrate grade-appropriate literacy skills on standardized assessments. Students scoring below predetermined levels will be required to take one or more reading support classes in addition to the eight (8) required English credits. Students receiving services through an IEP or ELL program may be exempt.
- No more than eight (8) credits total may be counted toward graduation from Physical Education, Health, and Fitness I.
- Students may be exempt from physical education under certain circumstances. Students must provide a written request to their school counselor. Appropriate criteria include medical certification (grades 9-12), marching band students during marching season (grades 9-12), varsity athletes (grades 11-12), and enrolling in academic classes required for admission into an institution of higher learning (grades 11-12).
- Students in Class of 2023 and beyond must complete 25 hours of Service Learning. Class of 2022 and earlier must complete 24 hours of Service Learning.
- All students must complete the Free Application for Federal Student Aid (FAFSA) form or submit an approved waiver exempting students from this requirement.

### SERVICE LEARNING REQUIREMENT

The purpose of the service learning graduation requirement is to prepare our students to play a vital role by actively participating in our community. Students must complete 25 hours of service learning for District 229 Oak Lawn Community High School as a graduation requirement. Students must have completed 25 hours of service learning by the start of Semester 2 exams to successfully meet the requirement and participate in the graduation ceremony. Students graduating early must have completed the 25 hours of service learning before they will be issued a letter of graduation. The letter of graduation is required to attend college during Semester 2 or prove completion of requirements to an employer. Diplomas are only issued after the graduation ceremony in May and will not be issued until the service learning requirement has been met.

## OLCHS COUNSELING SERVICES

OLCHS provides a comprehensive, developmental school counseling program designed to support every student in navigating the academic, career, and personal/social decisions they face during high school. The program aligns with the ASCA National Model, the Illinois Postsecondary and Career Expectations (PaCE) Framework, and utilizes the SchoolLinks career and college exploration platform to guide students in achieving their goals. Each grade level has a sequence of seminars tailored to their developmental needs and future planning.

### 9th Grade: Foundations for Success

Freshmen participate in a series of seminars focusing on academic strategies, personal strengths, and high school orientation. Topics include:

- Academic strategies and time management.
- Service learning and career cluster exploration.
- Developing a personalized four-year plan of study.
- Introduction to School Links for career and postsecondary planning.

### 10th Grade: Building Skills and Exploring Interests

Sophomores attend seminars designed to refine their academic and career focus, covering:

- Resume writing and self-assessment using the Holland Personality Assessment.
- Understanding their identity and its relation to their future work values.
- Deepening familiarity with their chosen career path and resources in the Career/College Center.
- Leveraging SchoolLinks for goal-setting and career exploration.

### 11th Grade: Preparing for the Future

Juniors engage in seminars throughout the year that concentrate on personal, academic, and postsecondary planning:

- Postsecondary exploration (colleges, trades, military, etc.) using SchoolLinks.
- College readiness activities, including utilizing the Career/College Center and attending college representative visits.
- Understanding steps necessary for their postsecondary plan.

### 12th Grade: Transitioning to Post-High School Opportunities

Seniors participate in seminars focused on finalizing their plans for life after high school:

- College applications, career research, and financial aid workshops.
- Continued use of SchoolLinks for tracking goals and planning transitions.
- Building personal/social skills for success beyond high school.

### Individualized Support and Resources

In addition to group seminars, counselors meet with students for individual conferences to assist with self-assessment, educational goal-setting, and decision-making. Students are encouraged to explore the Career/College Center, which provides resources on career paths and educational opportunities. College and career representatives regularly visit OLCHS, offering students the chance to connect with various postsecondary programs. Financial aid workshops are provided for students and their families to help navigate the cost of higher education.

### A Collaborative Approach to Student Success

While counselors are dedicated to guiding students through their decision-making processes, the final responsibility for these decisions lies with the student and their family. Our goal is to equip students with the knowledge and skills they need to make informed, positive choices that impact their futures.

For more information about our school counseling program, visit [www.OLCHSStudentServices.com](http://www.OLCHSStudentServices.com).

## THE SPARTAN GUIDE TO CAREER PATHWAYS



## Graduation Requirements Sample FOUR-YEAR PLAN

Freshman Semester 1	Freshman Semester 2	Sophomore Semester 1	Sophomore Semester 2	Junior Semester 1	Junior Semester 2	Senior Semester 1	Senior Semester 2
English	English	English	English	English	English	English	English
Math	Math	Math	Math	Math	Math	Elective	Elective
Science One year of Biological Science	Science One year of Biological Science	Science One year of Physical Science	Science One year of Physical Science	Elective	Elective	Elective	Elective
Physical Education	Health	Driver Education	Physical Education	Fitness	Physical Education	Physical Education	Physical Education
World History	World History	Elective	Elective	U.S. History	U.S. History	Government & Politics	Elective
Elective	Elective	Elective	Consumer Education	Elective	Elective	Elective	Elective
Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch

- Four credits in any of the following departments are required: art, foreign language, business, family & consumer sciences, industrial technology, or music.
- College-bound students should refer to the OLCHS Planning Guide for entrance requirements for state universities in Illinois and to materials in the Student Services Office for entrance requirements for other schools.
- All students should refer to OLCHS Career Pathways and make connections to chosen pathways.
- Students will develop their own four-year plans with their counselor during their freshman year.
- Summer school options are available.
- This is a tentative four-year plan and is subject to change during high school depending on the student's need.
- All students are required to complete 25 hours of community-based service learning projects in one of two ways:
  - Option 1 - Service Projects
    1. Community Based (outside of the school day)
    2. School Based Academic Projects: May earn all 25 hours through academic based service learning projects.
  - Option 2 - Research Project on an issue relevant to the community. This requires approval from the service learning coordinator.

## POST HIGH SCHOOL PLANNING

### Exploring Career Interests

Students and families are encouraged to consult the Spartan Guide to Career Pathways located on our website ([www.olchs.org](http://www.olchs.org)) for more information on career pathways and how high school coursework can allow students to explore and prepare.

### Planning for College Admissions

Colleges vary greatly in their admission requirements. Students and parents should carefully plan a four-year program to fulfill the OLCHS graduation requirements as well as the admission requirements of colleges of interest.

The Illinois Board of Higher Education admission standards for students entering state-supported universities in Illinois are as follows: (Note: Requirements vary at each of our state-supported universities in Illinois: see page 9.)

ENGLISH:	4 years
MATHEMATICS:	3-4 years (algebra, geometry and algebra 2 must be included – a fourth year is strongly recommended)
SCIENCE:	2-3 years (including laboratory science)
SOCIAL SCIENCE: ART, CTE & FOREIGN LANGUAGE:	3 years (emphasis on history and government) 2 years

Students who are planning to apply to highly selective colleges and universities should follow the above guidelines and, in addition, consider a fourth year of math, include both biological and physical science courses, and at least two (preferably four) years of the same foreign language. It is also advisable to consult the colleges and universities to determine their academic requirements.

Students should be aware that the following courses MAY NOT BE ACCEPTED by some colleges and universities to fulfill the above requirements:

ENGLISH	SCIENCE	MATH
Reading Strategies	Physical Science	Geometry Concepts

## ADVANCED PLACEMENT PROGRAM

Oak Lawn Community High School offers numerous opportunities for students to earn college credit via the College Board's Advanced Placement (AP) Program. Students enrolled in Advanced Placement courses will be subject to a college-level curriculum. Letter grades earned in AP courses are given added weight when calculating a student's cumulative grade point average (GPA). AP course grades are weighted the same as grades for all honors courses. In order to receive college credit for an AP course, students will need to earn a minimum score on the Advanced Placement Examination for the course they are enrolled in; these exams are typically offered in May. Different colleges have different minimum score requirements in order to award college credit. However, public colleges and universities in Illinois must grant students credit for a score of 3 or higher.

All students enrolled in an Advanced Placement course are required to take the AP Examination in order to receive credit for the course. Please contact your counselor for further information.

The following Advanced Placement courses are available:

-AP Art History	-AP Music Theory
-AP Biology	-AP Physics 1
-AP Calculus AB	-AP Physics C: Mechanics
-AP Calculus BC	-AP Precalculus
-AP Chemistry	-AP Psychology
-AP Computer Science A	-AP Spanish Language
-AP Environmental Science	-AP Spanish Literature
-AP Government and Politics	-AP Statistics
-AP Human Geography	-AP Studio Art
-AP Language & Composition	-AP United States History
-AP Literature & Composition	-AP World History
-AP Macroeconomics	
-AP Microeconomic	



## DUAL CREDIT PROGRAM COLLEGE CREDIT IN HIGH SCHOOL

Oak Lawn Community High School participates in articulation of high school courses with Moraine Valley Community College. Dual Credit courses allow you to take classes at Oak Lawn Community High School and earn college credit at the same time.

Students who complete the necessary enrollment forms and earn an A, B or C in their high school course will be granted college credit for a Moraine Valley Community College course. \* Dual Credit

- Accounting 1 (MVCC OFT-249 QuickBooks for Office Professionals)
- Accounting 1 Honors (MVCC OFT-249 QuickBooks for Office Professionals)
- College Writing 1 (MVCC COM 101 Composition I – tuition required)
- College Writing 2 (MVCC COM 102 Composition II – tuition required)
- Computer Servicing 1 (MVCC LAN 101 Orientation to IT Professions & LAN 111 IT Essentials A+)
- Computer Servicing 2 (MVCC LAN 112 Managing IT – A+)

- Culinary Management (MVCC RTM 100 Food Service Sanitation)
- Electricity and Electronics 2 (MVCC ELT 101 Electricity & Electronics)
- Graphic Design 1 (MVCC CIS-232 Intro to Adobe Creative Suite)
- Graphic Design 2 (MVCC CIS-234 Adobe Illustrator)
- History of Latin America (MVCC HIS-220)
- Medical Terminology (MVCC MRT 110 Medical Terminology)
- Web Page Design (MVCC CIS-151 Website Development: HTML & CSS)

# State Universities in Illinois

## At a Glance

### Comparative Freshman Course Requirements

	Total	English	Social Studies	Mathematics	Laboratory Science	Electives and Other Requirements
Chicago State	15	4 <sup>1</sup>	3 <sup>7</sup>	3-4 <sup>8</sup>	3 <sup>12</sup>	2 years of foreign language, music, vocational education, or art+.
Eastern Illinois	15	4 <sup>1</sup>	3 <sup>5</sup>	3 <sup>8</sup>	3	2 years of academic or vocational electives.
Governors State	15	4 <sup>1</sup>	2	3 <sup>10</sup>	2	2 years of one foreign language or fine arts; and 2 years of electives.
Illinois State	15	4 <sup>1</sup>	4 <sup>4</sup>	3 <sup>8</sup>	2	4 Semesters, any combination of four semesters of a language and/or Fine arts, including art or music.
Northeastern Illinois	15	4 <sup>1</sup>	2 <sup>5</sup>	3 <sup>10</sup>	2	1 year of electives (includes art, music, foreign language, or vocational education)
Northern Illinois	15	4 <sup>1</sup>	3 <sup>10</sup>	3 <sup>9</sup>	2-3 <sup>13</sup>	2 units (one must be foreign language, art or music); Up to three units of the required fifteen units may be distributed throughout any of the five categories of course work. Vocational education may satisfy up to three of the units.
Southern Illinois University, Carbondale	15 or 16	4 <sup>1</sup>	3 <sup>7</sup>	3 or 4 <sup>10</sup>	3 <sup>12</sup>	2 years of electives in foreign language, art, fine arts, music or vocational education; if a foreign language is taken, it must include two semesters of the same language.
Southern Illinois University, Edwardsville	15	4 <sup>1</sup>	3 <sup>4</sup>	3 <sup>10</sup>	3	2 years chosen from foreign language, music, the visual arts, theatre, dance and/or vocational education.
University of Illinois at Chicago	16	4	3	3 or 4 <sup>10</sup>	3 <sup>14</sup>	2 years of foreign language (recommended); 1 year of electives.
University of Illinois Springfield	15	4 <sup>1</sup>	3 <sup>7</sup>	3 <sup>10</sup>	3 <sup>12</sup>	2 years of one foreign language <u>or</u> 2 years of fine arts, selected from art, music, dance and theatre are required.
University of Illinois at Urbana-Champaign	15 or 16	4 <sup>3</sup>	2 <sup>6</sup>	3 or 4 <sup>11</sup>	2 <sup>12</sup>	2 years of one foreign language are required; 4 years recommended.
Western Illinois University	15	4 <sup>1</sup>	3 <sup>4</sup>	3 <sup>8</sup>	3	2 years of foreign language, music, vocational education, art, theatre, film, religion, philosophy, speech or journalism+.

**NOTES:**

- + Suggested Electives – includes other academic courses.
- 1. Emphasizing written and oral communication and literature.
- 2. Three units of English must be courses emphasizing written and oral communication and literature.
- 3. Studies in language, composition, and literature requiring practice in expository writing in all such work. Coursework should emphasize reading, writing, speaking, and listening.
- 4. Emphasize history and government.
- 5. One unit must be U.S. history or a combination of U.S. history and government.
- 6. 4 years of social studies coursework is recommended for all. At least 2 years of history and/or government; other acceptable subjects are anthropology, economics, geography, psychology, and sociology.
- 7. Two to three units, one of which must be U.S. history or a combination of U.S history and government
- 8. Three to four units of college preparatory mathematics, including 1 year of geometry and one year of advanced algebra and/or trigonometry. For students intending to major in mathematics, science, business or engineering, 4 years of college preparatory mathematics are very strongly recommended. Further, all students, regardless of intended major, are strongly encouraged to take a mathematics course or a course with a mathematics prerequisite during the year before they enroll in a mathematics course at CSU.
- 9. College preparatory mathematics, including one year of geometry and one year of advanced algebra and/or trigonometry.
- 10. Algebra 1 & 2, and a proof-based geometry course. A fourth unit is highly recommended: trigonometry and pre-calculus, or statistics, depending on the student's area of interest.
- 11. Algebra, geometry, advanced algebra, trigonometry, pre-calculus, calculus, and statistics. Applied business math, pre-algebra, computer processing, and information technology courses are not acceptable. At least 3.5 years of math, including trigonometry or higher, are required for admission to certain majors. A fourth year of math is recommended for all.
- 12. 4 years of science coursework is recommended for all. Laboratory courses in biology, chemistry, or physics are preferred. Laboratory courses in astronomy and geology are also acceptable. General science will not be acceptable.
- 13. Two units must be courses in the physical or biological sciences. One unit must be a laboratory science.
- 14. A fourth year is recommended for STEM and Business majors.

## NCAA INITIAL ELIGIBILITY FACT SHEET

All prospective student-athletes first entering a collegiate institution who want to play NCAA Division I or II intercollegiate athletics and be considered a qualifier at a Division I institution and be eligible for financial aid, practice, and competition during the first year must:

1. Graduate from high school
2. Successfully complete a core curriculum of academic courses as follows:

### What Courses are Considered Core Courses?\*

- 4 yrs. - English (D-I)
- 3 yrs. - English (D-II)
- 3 yrs. - Mathematics (Algebra 1 or higher) (D-I)
- 2 yrs. - Mathematics (Algebra 1 or higher) (D-II)
- 2 yrs. - Natural/Physical Science - w/lab (D-I & D-II)
- 1 yr. - Additional English/Math/Science (D-I)
- 3 yrs. - Additional English/Math/Science (D-II)
- 2 yrs. - Social Science (D-I & D-II)
- 4 yrs. - Additional Academic Courses (e.g., foreign language/philosophy/or above courses) (D-I) (D-II)
- 16 - Total core courses D-I & D-II

\*Not all courses in these departments qualify as a core course. See your counselor for specific course questions.

\*Sixteen (16) core courses are required. Ten (10) core courses completed before the seventh semester; seven (7) of the 10 must be in English, math or natural/physical science.

### \* Points to Remember \*

- Students should take the ACT or SAT when they are juniors (opportunity to retest as seniors) and consult with their counselor about completing the core courses.
- When registering for the ACT or SAT, students should mark code 9999 as one of the choices of college and scholarship codes.

Students should electronically submit the NCAA Student Release Form to the Clearinghouse by the beginning of the senior year (\$90 fee or fee waiver) at <http://www.ncaaclearinghouse.net>

Students will be informed by mail by the NCAA when the Clearinghouse has received and processed the necessary documents.

Be sure to ask your coach and school counselor about these new requirements or contact The NCAA Initial Eligibility Clearinghouse toll-free at 877-262-1492, <http://www.ncaaclearinghouse.net>

## How Do I become a Qualifier for NCAA Division I & II?

- Graduate from High School
- Meet NCAA Index Requirements
  - Core Course GPA (out of 4.00)
  - ACT sum score (best subset score from each test taken)
  - SAT total (best subsets)
  - Currently no "writing component" is included in the calculations (SAT)
  - ACT Test counts for clearing house eligibility

<u>Division I</u>	<u>Qualifier Index</u>		
	<u>Core GPA</u>	<u>ACT</u>	<u>SAT</u>
	3.55+	37	400
	3.25	46	520
	3.00	52	620
	2.75	59	720
	2.50	68	820
	2.25	77	920
	2.00	86	1010

### Division II

\*Minimum GPA: 2.00

\*Minimum sum score on ACT of 68 (no sliding scale)

\*Minimum combined score on SAT of 820

## GLOSSARY OF TERMS USED IN THIS GUIDE

**AUDIT:** Students that were not previously attending another school and enroll into OLCHs after the first quarter mid-term date for that semester will be auditing their classes. Teachers are not obliged to provide instruction or implement assignments or assessments that were missed prior to the student's enrollment. The student should be a full participant in the class for the remainder of the semester, and assignments/assessments from the time of enrollment forward should be administered and graded. However, the actual semester grade for the student will be AU (audit).

**CREDIT:** For satisfactorily completing a semester of course work, one credit is received. For satisfactorily completing a full year course, which consists of two semesters, two credits are received. Some OLCHS programs offer courses with an increased block of instructional time. These courses receive two credits per semester. Likewise, courses with less than one credit per semester have a decrease in instructional time and credit per semester.

**PREREQUISITE:** A course or requirement that must be satisfactorily completed or met before the next course in the sequence is taken. For example, English 1 is a prerequisite for English 2. These prerequisites may be listed by course title or number.

**REQUIRED COURSES:** These are specific courses that must be satisfactorily completed in order to graduate and receive a diploma from Oak Lawn Community High School.

**SCHOOL YEAR AND SEMESTER:** The school year consists of two semesters plus the summer school session. One semester usually begins at the end of August, the other in early January. Each semester has two nine-week grading periods.

## IMPORTANT POLICIES AND EXPLANATION OF TERMS

### STUDENT PROMOTION TO ADVANCED COURSEWORK AND GRADUATION

Students are required to have 44 credits to graduate. (See page 4 for more information.)

It is imperative that students achieve academic success in order to stay on track to graduate. Failures lead to no credits earned and may prevent a student from promotion to advanced coursework. Students need to keep this in mind if they are presently failing courses. Parents, please speak to your students regarding this issue. It is an important one. If you have any questions, please contact your student's counselor. Students also have the opportunity to attend resource rooms for direct academic assistance during the school day.

Those students who fail any course required for graduation, or who at the end of any academic semester or term have failed to earn credits sufficient to reasonably permit graduation within a four-year period, shall be notified at the end of every academic year. Review of the student's academic progress and achievement may result in required summer school attendance.

### GRADE CLASSIFICATION

Students are assigned a grade classification (9-12) based on the number of years attending high school. A student's grade classification may not be indicative of the student's credits earned or progress toward completion of District 229 graduation requirements. A student will be promoted to advanced courses based on the successful completion of the curriculum learning standards and by meeting established course prerequisites. (See page 5 for more information.)

### CLASS WITHDRAWAL W/F GRADE

Students are expected to successfully complete all courses in which they are enrolled. However, in some circumstances, a student may need to withdraw from a class after the semester has started. A student may withdraw without penalty from a course that is not required for graduation prior to the end of the first/third quarter. After the end of the first/third quarter, removal from class except for extraordinary circumstances will result in the student's receiving a W/F (withdrawal/failure) grade that is computed as part of his/her cumulative GPA (grade point average).

### INCOMPLETE GRADES

A student who receives an incomplete "I" semester grade has ten school days following the semester to complete the necessary coursework and tests/quizzes. After ten days, if the work is not completed, the incomplete grade converts to a failing "F" grade and will be factored into the student's GPA. It is the student's responsibility to make up the required assignment.

### CLASS TRANSFER – CHANGE OF LEVEL

Placement in academic levels is based upon grades, teacher recommendations, test scores, and parent requests. Both teachers and counselors are interested in placing students in the appropriate levels at which they can perform well. Students and parents are encouraged to discuss student placement with the counselor and teacher. If the student's parent disagrees with a particular course placement, the following procedure should be followed:

The parent should contact the counselor for a Change of Level form. When the parent returns the form, the counselor will forward the form to the Department Chairperson who will gather information from the teacher and counselor and may confer with the student and parent. The completed form is returned to the Principal's office for review and approval or denial. Note: Parent and student requests for enrollment into a course not recommended by school personnel may only be made at the time of registration and may be contingent upon availability of space.

### SCHEDULE CHANGES

Student schedules are determined during the previous school year. Requests for changes to a student's schedule will be honored only if there is adequate enrollment space in the requested new course. Schedule change requests will not be honored after 10 school days.

### PASS/FAIL

Students can elect to take up to one non-graduation required course per semester using the pass/fail grade option. The purpose of this option is to allow students the opportunity to take certain classes without the passing grade affecting their Grade Point Average (GPA). Students must submit their request to take a course using the pass/fail grade option no later than the end of the first quarter for semester courses and no later than the end of the third quarter for second semester courses. A passing grade will be recorded as a "P" grade and will not be calculated into the student's GPA; a failing grade will be recorded as an "F" and will be calculated in the student's GPA. No Advanced Placement or Honors courses may be taken using the pass/fail grade option. This is in addition to any course that may already be designated as a pass/fail course in the planning guide. Please contact the Student Services Department for more information.

Student Athletes: If you are potentially applying to a Division I or Division II college, the NCAA Eligibility Center will assign a D for any Pass grade on your transcript. Talk to your counselor before deciding to take an NCAA qualified core course as Pass/Fail.

Students enrolled in Transition to College Math and Dual Credit should also avoid pass/fail as colleges will consider a "P" as a "D."

# SUPPORT FOR STUDENTS

## SPECIAL EDUCATION

Oak Lawn Community High School provides a continuum of support services for students with disabilities. Programs range from supports and services provided in the regular education classrooms to special education content areas classrooms for instructional or functional academic needs.

Other programs and services are available through the high school's membership in the AERO Special Education Cooperative and our affiliation with the DuPage/West Cook Regional Association. Eligibility is determined through the IEP meeting process.

Any questions regarding special education services or Individual Education Plans should be directed to the Special Education Coordinator.

## SECTION 504 ACCOMMODATION PLANS

Oak Lawn Community High School provides Section 504 accommodation plans to meet the needs of eligible students. Parents should contact the Assistant Principal of Student Services for further information.

## FRESHMAN ACADEMY

A three-week summer program for incoming 9th graders to transition from middle school to high school. Students will improve writing, reading, and mathematical skills. We believe students that are selected for this program need extra time and help to be successful academically in high school.

## SUMMER SCHOOL

Summer school is offered at OLCHS for a three or six-week period. Students are able to cover a semester's work or a year's work in this concentrated period of time. Selected courses offered during the regular school year are available during the summer school session. Some courses are restricted to students who have failed the course during the school year.

## ENGLISH LANGUAGE LEARNERS (ELL)

Students with limited English proficiency may be placed into courses to meet their specific needs. Placements are by recommendation of the ESL teacher.

### Transitional Program of Instruction (TPI)

These courses are designed for the English Language Learner (ELL) students. At all levels, the emphasis is on increasing listening, speaking, reading and writing proficiency in English. Individualized and small-group instruction may also be provided through an ELL resource period. All credits earned in this section count toward fulfillment of graduation requirements.

### Transitional Bilingual Education (TBE)

These courses are designed for the English Language Learner (ELL). Content area instruction is given in the student's native language to enable him/her to stay on grade level and earn credits toward graduation while acquiring academic skills in the English language. All credits earned in this section count toward fulfillment of graduation requirements.

# CAREER EXPLORATION COURSES

## MEDICAL TERMINOLOGY

CE250

Grades 11, 12

1 CREDIT

**\*DUAL CREDIT**

Medical Terminology is a fast-paced class that parallels the speed of a college level course. It introduces a variety of medical terms used in health-related fields. Emphasis is on the analysis and building of medical terms using Latin and Greek prefixes, roots, and suffixes. Medical vocabulary, abbreviations, and anatomical terms are stressed. This course is a requirement for many of the associate degree health science programs at Moraine Valley Community College. Students may elect to earn dual-enrollment credit in MVCC course MRT110.

**(Prerequisites: ROG-091 or IEL-096 with minimum grade of B or appropriate score on placement test.)**

**BASIC AIR CONDITIONING  
TECHNICIAN CERTIFICATE PROGRAM**  
CE420  
Grade 11, 12  
2 CREDITS  
**\*DUAL ENROLLMENT**

Earn a Basic Air Conditioning Certificate while you're still in high school by enrolling in Moraine Valley's Dual Enrollment Program. Earn up to 19 college credits upon completing the required courses, and you'll be on your way to begin a career as a heating, air conditioning and refrigeration mechanic, installer or service representative. In addition to completing MVCC coursework, students will be expected to maintain employment or participate in credit recovery coursework on early release days not in class at MVCC.

Please Note: This course is taught at an off-site location and students must provide their own transportation. **(Prerequisite: Application required; must be 16 years or older, 2.0 Cumulative GPA, ACT reading score of 20 or above or SAT reading score of 480 or above, valid IL driver's license or state ID)**

**CERTIFIED NURSING ASSISTANT  
PROGRAM**  
CE400  
Grade 12  
2 CREDITS  
**\*DUAL ENROLLMENT**

This course is a Dual Enrollment course through Moraine Valley Community College (HSC-150). This program is approved by the Illinois Department of Public Health. The theoretical foundation for clinical skills and procedures are presented in lecture and include instruction in basic anatomy, medical terminology, communication skills, safety, infection control, and patient rights. This course contains substantial information on Alzheimer and dementia patient care and emphasizes communication and coping mechanisms fundamental to working with this patient population.

The curriculum also includes proper management of patient hygiene and mobility, and taking vital signs. In the student lab, students must master 21 patient care manual skills mandated by the Illinois Department of Public Health. The instructor will demonstrate skills, and students will practice skills until achieving mastery in the lab with other students. 11 of the 21 skills will be performed with a patient or resident during clinical sessions. Upon completion of this course and passing the state competency exam, students can obtain a job as a CNA, enabling them to work in the field while continuing their Nursing studies.

Clinical rotation schedules are established based on clinical site availability and staff scheduling patterns. The clinical experience provides students with the opportunity to perform supervised practice of required clinical skills, including bathing, feeding and transfer of patients, within the clinical setting.

Please Note: This course is taught at an off-site location and students must provide their own transportation. This course also includes weekend clinical sessions. **(Prerequisite: Application required; 2.5 cumulative GPA, successful completion of SN345 (Anatomy & Physiology) with a "B" or better, ACT Reading score of 20 or above or SAT EBRW score of 480 or above. Historical grades in science courses will be used in a selective process as necessary)**

**EMERGENCY MEDICAL TECHNICIAN PROGRAM**

CE410

Grade 12

1 CREDIT

**\*DUAL ENROLLMENT**

This course is a Dual Enrollment course through Moraine Valley Community College (EMS-101). This course provides instruction for students to the level of Emergency Medical Technician – Basic. The course emphasizes skills necessary to provide emergency medical care at basic life support level. Sixty hours of clinical experience is included in course requirements, including time assigned to emergency room, obstetrical, ambulance and dispatch units. Upon successful completion of EMS-101, students are eligible to sit for the Illinois Department of Health EMT\_B State Examination and will earn 8 college credits from Moraine Valley Community College.

Please Note: This course is taught at an off-site location and students must provide their own transportation. This course also includes weekend clinical sessions. **(Prerequisite: Application required; 2.5 cumulative GPA, successful completion of SN345 (Anatomy & Physiology) with a “B” or better, must be 18 years old by April 1 of the spring semester enrollment, ACT Reading score of 20 or above, ACT Math score of 20 or above or SAT Reading EBRW score of 480 or above, SAT Math score of 520 or above, valid US social security card, valid IL driver license or state ID. Please see additional requirements on program application. Historical grades in science courses will be used in a selective process as necessary)**

**METAL WELDING PROGRAM**

CE430

Grades 11, 12

2 CREDITS

**\*DUAL ENROLLMENT**

Earn a Shielded Metal Welding Certificate while you’re still in high school by enrolling in Moraine Valley’s Dual Enrollment Program. Earn up to 9 college credits after completing the required courses. This certificate will give you a step up on pursuing a career as a basic stick welder and help you master popular welding processes. Students gain skills using equipment used in professional settings and the necessary safety procedures. In addition to completing MVCC coursework, students will be expected to maintain employment or participate in credit recovery coursework on early release days not in class at MVCC.

**Please Note: This course is taught at an off-site location and students must provide their own transportation.** (Prerequisite: Application required; must be 16 years or older, 2.0 cumulative GPA, ACT reading score of 20 or above or SAT reading score of 480 or above, valid IL driver’s license).

**TECHNOLOGY SUPPORT INTERNSHIP**

CE200

Grades 10, 11, 12

2 CREDITS

The technology student mentor program is designed for students who want to become technology learning resources in their school community. Through the program, students develop advanced skills so they can offer support to faculty and peers who need help using technology. Students will be trained in interpersonal communication skills, customer service and leadership, advanced skills in the use of Apple devices, creativity apps and Swift programming. The hands-on classroom environment gives students the opportunity to troubleshoot tech issues as well as process service tickets. A two-day summer boot camp is a course requirement (dates will be announced prior to the end of the school year). **(Prerequisite: Application required)**

**INDEPENDENT STUDY**

Grades 11, 12

1 CREDIT

OLCHS offers independent study options for students who have a particular career exploration interest. When a student has taken all of the coursework offered in a particular curricular area but is interested in continuing their studies, independent study may be appropriate. Independent study may also be appropriate for a student who has a special interest in an area not currently addressed in the OLCHS curriculum. Prior to registration, the independent study student is required to develop a contract with the supervising teacher which includes the scope of the project or activities as well as plan for assessment. This plan must be approved by the teacher, Department Chair, and Assistant Principal-Curriculum. Independent study students can pursue postsecondary credentials/certifications, create in-depth projects or portfolios, or otherwise explore a career interest deeply. **(Prerequisite: Teacher Recommendation and Department Approval)**

**CAREER INTERNSHIP**

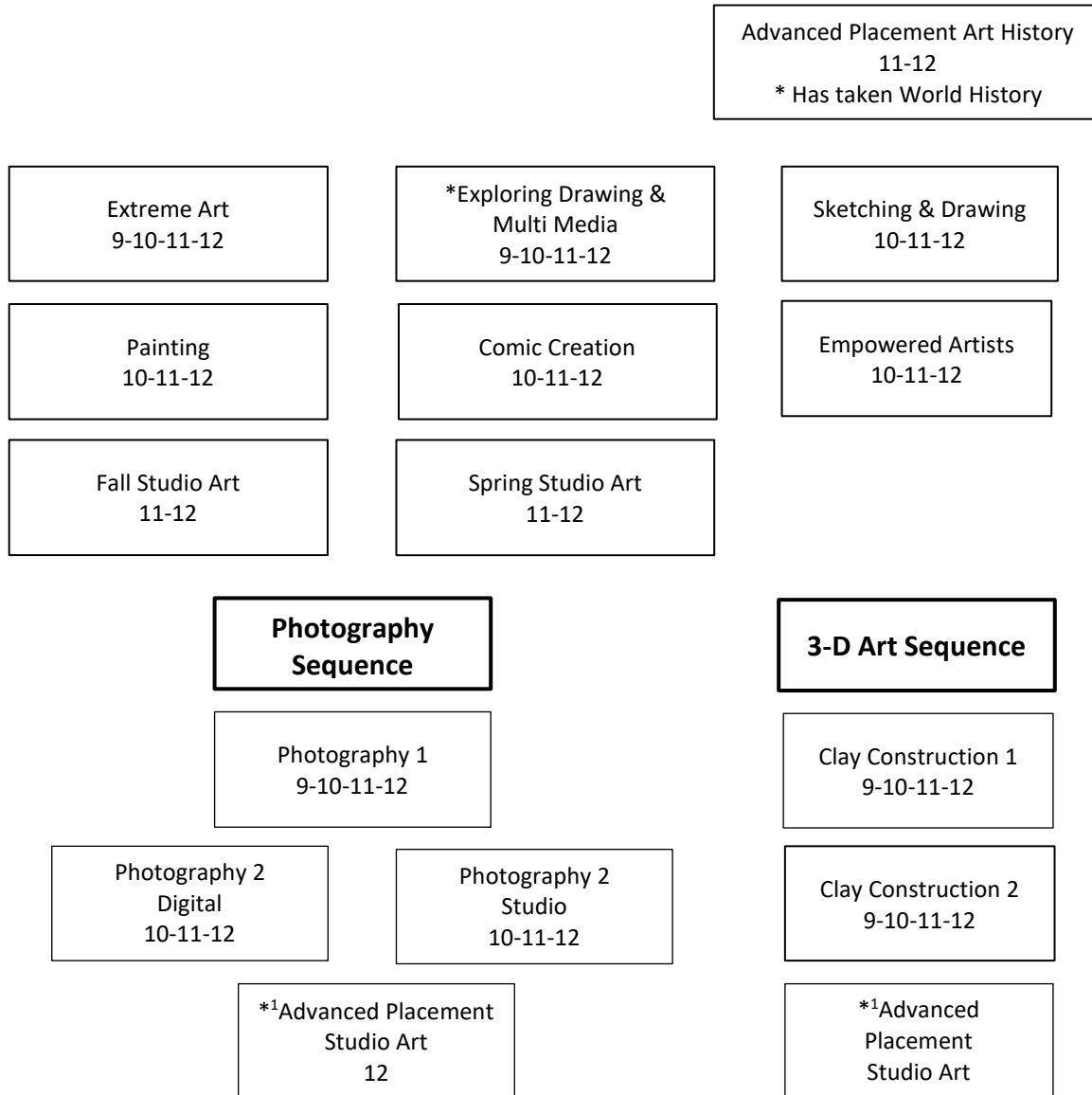
(Career Development Experience)

Grades 11, 12

1 CREDIT

Through an approved off-site internship experience, students will practice and apply skills in order to develop specific career competencies. Students receive course credit for the work done at their internship site. Projects and additional job shadowing experiences will help students explore the full range of positions associated with their career of choice. This course emphasizes firsthand job training and development of workplace skills deemed critical by employers. Prior to registration, the career internship student is required to develop a contract with a supervising staff member. This plan must be approved by the staff member, Department Chair, and Assistant Principal-Curriculum. **(Prerequisite: Teacher Recommendation or Department Approval)**

# ART DEPARTMENT PROGRAM SEQUENCE



**\*Full Year Electives**

**<sup>1</sup>AP Exam required for course credit**

**EXTREME ART**

AT120

Grades 9, 10, 11, 12

1 CREDIT

Extreme Art is an entry level art course focusing on the art not usually found in the traditional art classroom. Along with introductory, entry level art skills, students will develop, design and use problem solving skills as they create, build, and collaborate on functional and decorative pieces that redefine what art is. Units of study can include graffiti, stencil design, mosaics, textile design, murals, clay, printmaking and independently planned projects. There will also be a continuing focus on artists and cultures that inspire and influence the student’s work. This class gives students opportunities to create art outside of the traditional studio classroom.

**EXPLORING DRAWING AND  
MULTI MEDIA**

AT130

Grades 9, 10, 11, 12

2 CREDITS

Students will begin the first semester learning traditional drawing and compositional techniques. The course will also explore the use of various mediums which include ink, paint, clay, etc. Students will experiment with digital drawing tablets and professional software used in real world digital art studios.

**ART BEYOND THE CLASSROOM**

AT231

Grades 10, 11, 12

1 CREDIT

Students will begin the semester by reviewing drawing/painting techniques with various materials such as colored pencils, pen and ink, acrylics and other materials. Students will be empowered to design and create personalized work that highlights and brings attention individuality, empathy, and world issues. These students' talents can also be utilized by the OLCHS school community to enhance special projects within our classrooms, building, and beyond. The students will be open to then using those talents to adorn the hallways, classrooms, and possibly the Oak Lawn community with their artwork. Examples within our building could include hallway and classroom murals, as well as items created for various clubs and events. More public art projects may include artwork for local businesses, feeder schools, and public buildings within the district. Projects like the acorn and Oak Lawn Pavilion mural would be an example of the public type of project that would be included in the curriculum. The course can provide pathways for future artists and include real-world experiences.

**(Prerequisite: Either AT120 or AT130)**

**PAINTING**

AT232

Grades 10, 11, 12

1 CREDIT

Painting further develops the knowledge and skills of other Art courses. The course is devoted to the following skills: painting (watercolor, tempera, acrylic); and computers (application and combination of software with painting and drawing). Students work toward creating a portfolio of their artwork. **(Prerequisite: Either AT120 or AT130)**

**SKETCHING AND DRAWING**

AT235

Grades 10, 11, 12

1 CREDIT

This course focuses on the basic aspects of rendering objects in the drawing medium. Students will explore visual observation and communication using line, value, design and texture. More advanced applications will be introduced such as perspective and proportion. **(Prerequisite: Either AT120 or AT130)**

**CLAY CONSTRUCTION 1**

AT240

Grades 9, 10, 11, 12

1 CREDIT

Clay Construction is a specialized course in working with clay. The characteristics of clay and the hand-building methods of pinch, coil, and slab will be explored. A brief introduction to wheel throwing and slip casting will be included. Both technique and design will be stressed in functional and nonfunctional ceramics.

**CLAY CONSTRUCTION 2**

AT241

Grades 9, 10, 11, 12

1 CREDIT

Clay Construction 2 is an advanced ceramics course that extends beyond the skills learned in the previous ceramics class. This course is geared to students who are motivated to undertake ambitious work in clay and further their understanding of ceramic art as a means of artistic expression. Students will learn techniques to prepare them for the completion of an Advance Placement Studio Art 3D portfolio. There will be an emphasis on enhancing the creative process of hand building as well as working on the potter's wheel. A further expansion on the many glazing techniques will be investigated as well. Considerable freedom is afforded to students who demonstrate mastery in working with clay techniques. **(Prerequisite: AT240)**

**PHOTOGRAPHY 1**

AT250

Grades 9, 10, 11, 12

1 CREDIT

Photography 1 is designed to teach the technical and creative aspects of photography. The course prepares students for a potential job in the area of photography as well as giving them a lifelong skill. It consists of a history of photography, proper use of a 35 mm adjustable camera and traditional darkroom procedures, as well as digital imaging using Adobe Photoshop. Units are designed to incorporate the aesthetic elements of art, composition, depth of field, as well as techniques to photograph framing, unusual viewpoints, silhouettes, and leading the eye. Further units focus on photographing people through candid photojournalism. Students develop basic Photoshop skills and techniques to manipulate photographs. Students taking this course are encouraged to obtain their own 35 mm adjustable camera with a light meter. Photo paper and film will be provided.

**COMIC CREATION**

AT320

Grades 10, 11, 12

1 CREDIT

Comic Creation is a course dedicated to the study and creation of sequential art. Students will analyze a multitude of different comics and graphic novels before developing their own comics in short strips and longer sequential pages. The course will develop content to be included in a school publication that will be shaped by the students in the course and will change in theme each year. **(Prerequisite: Either AT120 or AT130)**

**FALL STUDIO ART**

AT331

Grades 11, 12

1 CREDIT

Fall Studio Art builds on the knowledge and skills gained in previous studio art courses. This is a studio-type course stressing advanced use of media and techniques in drawing and painting. It encourages creative expression in drawing, design, figure drawing, portraiture, watercolor and acrylic painting. Contemporary arts and art history are introduced through individual research projects. The student is expected to develop an art vocabulary as well as participate in group discussions and to become aware of personal strengths and weaknesses. Students work towards creating a starter portfolio for use in the Advanced Placement Studio Art course. Artwork created during the fall session will be different than in the spring session!

**(Prerequisite: Any 3 semesters of Art excluding Clay and Photography)**

**SPRING STUDIO ART**

AT332

Grades 11, 12

1 CREDIT

Spring Studio Art builds on the knowledge and skills gained in previous studio art courses. This is a studio-type course stressing advanced use of media and techniques in drawing, painting and various mixed media. It encourages creative expression in drawing, design, figure drawing, portraiture, watercolor, acrylic painting and sculptural materials. Contemporary arts and art history are introduced through individual research projects. The student is expected to develop an art vocabulary as well as participate in group discussions and to become aware of personal strengths and weaknesses. Students work towards creating a starter portfolio for use in the Advanced Placement Studio Art course. Artwork created during the spring session will be different than in the fall session!

**(Prerequisite: Any 3 semesters of Art excluding Clay and Photography)**

**PHOTOGRAPHY 2: DIGITAL**

AT340

Grades 10, 11, 12

1 CREDIT

Digital Studio is designed for students interested in focusing and further developing their skills in digital photography/imaging and the preparation of a portfolio for future academic studies as well as professional use. Students will enhance their digital darkroom and composition abilities learned in Photography 1. This course includes understanding and applying digital camera skills, advanced Photoshop skills and manipulations, advertising- spoof and commercial, digital portraiture, advanced lighting techniques. Primary tools will include working with a scanner, Adobe Photoshop and digital camera. Students who receive a B or better will receive college credit. **(Prerequisite: AT250)**

## PHOTOGRAPHY 2: STUDIO

AT345

Grades 10, 11, 12

1 CREDIT

Darkroom Studio is designed for students interested in focusing on further developing their skills as a fine art photographer and preparation of a portfolio for future academic studies as well as professional use. Students will further develop their studio darkroom and composition abilities learned in Photography 1. The course includes the study of fine art photography techniques, advanced camera techniques, and darkroom and developing procedures. Units of study will include darkroom manipulation, advanced lighting techniques, fragmentation, studio lighting, landscape photography, hand-coloring, documentary photography and advanced photojournalism concepts. **(Prerequisite: AT250)**

## ADVANCED PLACEMENT ART HISTORY

AT395

Grades 11, 12

2 CREDITS



This year long course has students examining the history of art from a global perspective. The approach is both chronological and regional. Students will examine art and how it is made, how art changes and evolves, and how we think about art. Recommendation from the student's English 2 teacher is encouraged. All students are required to take the Advanced Placement Examination in Art History. **(Prerequisite: World History)**

## ADVANCED PLACEMENT STUDIO ART

AT495

Grade 12

2 CREDITS



Advanced Placement Studio Art is designed for students who are seriously interested in the practical experience of creating art. The AP Studio Art program enables highly motivated students to do college level work while still in high school. Advanced Placement Studio Art is not based on written examination: those participating in the program are required to submit a portfolio of work for evaluation at the end of the school year\*. AP Studio Art does require significantly more time and commitment than other high school courses. The program is, therefore, intended for students seriously committed to studying art in a fast paced environment. Students will be required to purchase additional materials on their own. Students will be required to take the Advanced Placement exam in Art in lieu of a semester exam. **(Prerequisite: Departmental approved application)**

### \*ADVANCED PLACEMENT STUDIO ART PORTFOLIO OPTIONS

#### AP 2-D Art and Design Portfolio Exam - Photography

This portfolio is designated for work that focuses on the use of two-dimensional (2-D) elements and principles of art and design, including point, line, shape, plane, layer, form, space, texture, color, value, opacity, transparency, time, unity, variety, rhythm, movement, proportion, scale, balance, emphasis, contrast, repetition, figure/ ground relationship, connection, juxtaposition, and hierarchy. Students should consider how materials, processes, and ideas can be used to make work that exists on a flat surface. Students can work with any materials, processes, and ideas. **Graphic design, digital imaging, photography, collage, fabric design, weaving, fashion design, fashion illustration, painting, and printmaking are among the possibilities for submission.** Still images from videos or films are accepted. Composite images may be submitted.

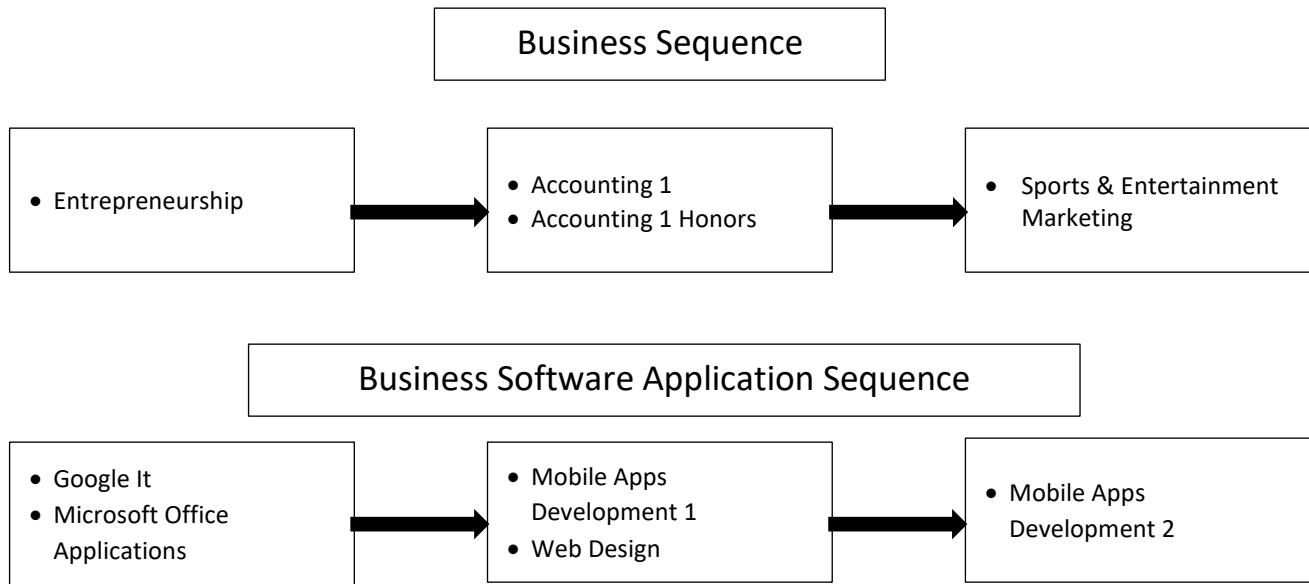
#### AP Drawing Portfolio Exam- Drawing and Painting

This portfolio is designated for work that focuses on the use of mark-making, line, surface, space, light and shade, and composition. Students should consider marks that can be used to make drawings, the arrangement of marks, the materials and processes used to make marks, and relationships of marks and ideas. Students can work with any materials, processes, and ideas. **Drawing (analog and digital), painting, printmaking, and mixed media work are among the possibilities for submission.** Still images from videos or film are accepted. Composite images may be submitted.

#### AP 3-D Art and Design Portfolio Exam- Clay and Sculpture

This portfolio is designated for work that focuses on the use of three-dimensional (3-D) elements and principles of art and design, including point, line, shape, plane, layer, form, volume, mass, occupied/unoccupied space, texture, color, value, opacity, transparency, time, unity, variety, rhythm, movement, proportion, scale, balance, emphasis, contrast, repetition, connection, juxtaposition, and hierarchy. Students should consider how materials, processes, and ideas can be used to make work that involves space and form. Students can work with any materials, processes, and ideas. **Figurative or nonfigurative sculpture, architectural models, metal work, ceramics, glasswork, installation, performance, assemblage, and 3-D fabric/fiber arts are among the possibilities for submission.** Still images from videos or films are accepted. Composite images may be submitted.

## BUSINESS EDUCATION DEPARTMENT PROGRAM SEQUENCE



### ENTREPRENEURSHIP

BS141  
Grades 9, 10, 11, 12  
1 CREDIT

Entrepreneurship is a one-semester comprehensive real-world simulation, with updated projects and content, that teaches skills through entrepreneurship concepts. This requires students to start a real, teen-based business. No prerequisite is required. Students will draw on a variety of business and technology skills such as Entrepreneurship, Marketing & Advertising, Accounting & Finance, Business Planning, Presentation & Communication Skills, Internet Research, and Planning & Decision Making.

### GOOGLE IT!

BS131  
Grades 9, 10, 11, 12  
1 CREDIT

In this course, you will learn how to simplify your digital life with Google Apps. Discover new ways to navigate the world around you to improve your use of innovative and existing features of Google. Google Apps is a collection of Google applications focused on productivity, collaboration and communication.

### MICROSOFT OFFICE APPLICATIONS

BS137  
Grades 9, 10, 11, 12  
1 CREDIT

**\*MICROSOFT EXCEL CERTIFICATION**

In this one semester course, students will learn spreadsheets for data analysis and formulas for tracking expenses. Students will create documents, brochures and embed videos in Microsoft Word. In this course, the student will learn how to create dazzling presentations using animation and audio/video. Optimize your efforts by learning useful software tips and tricks that you can apply in the real-world.

**MOBILE APPS DEVELOPMENT**

BS140

Grades 9, 10, 11, 12

2 CREDITS

Developing in Swift Explorations will help you build a solid foundation in programming skills using Swift as the language. Throughout this course, you will get practical experience with the tools, techniques, and concepts needed to create a basic iOS app from scratch. The student will also learn user interface design principles, which are fundamental to programming and making great apps. You'll explore how technology affects the world and the student's role in making technology a force for good.

**WEB DESIGN**

BS160

Grades 9, 10, 11, 12

1 CREDIT

**\*DUAL CREDIT**

This course will provide a comprehensive introduction to the essentials of website design. Students will learn about page planning, page layouts, adding multi pages, publishing on the web and so much more. Students learn how to use HTML and CSS to design their own web page. This course covers basic HTML tags for formatting text, as well as more advanced tags. Students will use real life scenarios to create and customize their sites by completing hands-on projects using the latest suite of free tools that can be later utilized outside of this class. There will also be a segment on Web Design careers.

**MOBILE APPS II**

BS240

Grades 10, 11, 12

1 CREDIT

Ever had an idea for an app and wondered how to make it happen? If so, this course was designed for you. The student will start by focusing on iOS development tools, basic programming concepts, and industry best practices. Building on this foundation, the student will work through practical exercises, creating apps from scratch, and building the mindset of an app developer.

The student will build three projects – a simple flashlight app that changes the background color of the screen, a fill-in-the-blanks word guessing game, and a personality quiz. Throughout the course, the student will have a chance to design, prototype, and test an app of their own. Building up your coding skills, making connections to how to apply what is learned will bring the app idea to life. **(Prerequisite: Grade of A or B in BS140)**

**CONSUMER EDUCATION**

BS230

Grades 10, 11, 12

1 CREDIT

***Required course for graduation***

This one semester course offers essential skills needed to be informed citizens, workers, and consumers in today's changing economy. Topics include consumer rights & responsibilities, planning for the costs of higher education, entering the workforce and the basic concepts of financial literacy (*budgeting, savings & investing, banking, predatory lending, credit, and identity-theft security*).

**ACCOUNTING 1**

BS250

Grades 10, 11, 12

2 CREDITS

**\*DUAL CREDIT**

Accounting gives students a thorough knowledge of bookkeeping and accounting principles. These are applied to actual business transactions through short exercises and simulation problems. Transactions are recorded in journals and posted ledgers. Business reports such as balance sheets, and income and capital statements are prepared. Entries are made to complete a business cycle. This course is highly recommended for students planning on being business majors in college. Three hours of Dual Credit from Moraine Valley College can be earned with a grade of "C" or better.

**ACCOUNTING 2**

BS352

Grades 11, 12

2 CREDITS

Concepts learned include the study of a merchandising business operation and its financial status. A review of departmentalized accounting of a merchandising business will include posting to various journals, recording payroll, and use of microcomputer technology for accounting. Advanced topics covered will include accounting for uncollectible accounts, depreciation, handling notes, payable/receivable and accrual of revenue/expenses. During the second semester, students will learn about accounting for sole proprietorships, partnerships, and corporations. Advanced concepts such as inventory planning, valuation, and control will be covered. Cost accounting for a merchandising and manufacturing business will also be covered with the use of cash flow analysis. **(Prerequisites: BS250 or BS375)**

**ACCOUNTING 1 HONORS**

BS375

Grades 10, 11, 12

2 CREDITS

***\*DUAL CREDIT***

This course will efficiently and effectively introduce students to the accounting cycle. With the foundation of the accounting cycle, students will apply these skills to maintenance of corporate financial records. Topics such as cash flow, inventory analysis, depreciation and financial statement analysis will be covered. Three hours of Dual Credit from Moraine Valley College can be earned with a grade of "C" or better. **(Prerequisite: Cumulative GPA of 3.0 and Department approval).**

**SPORTS & ENTERTAINMENT****MARKETING**

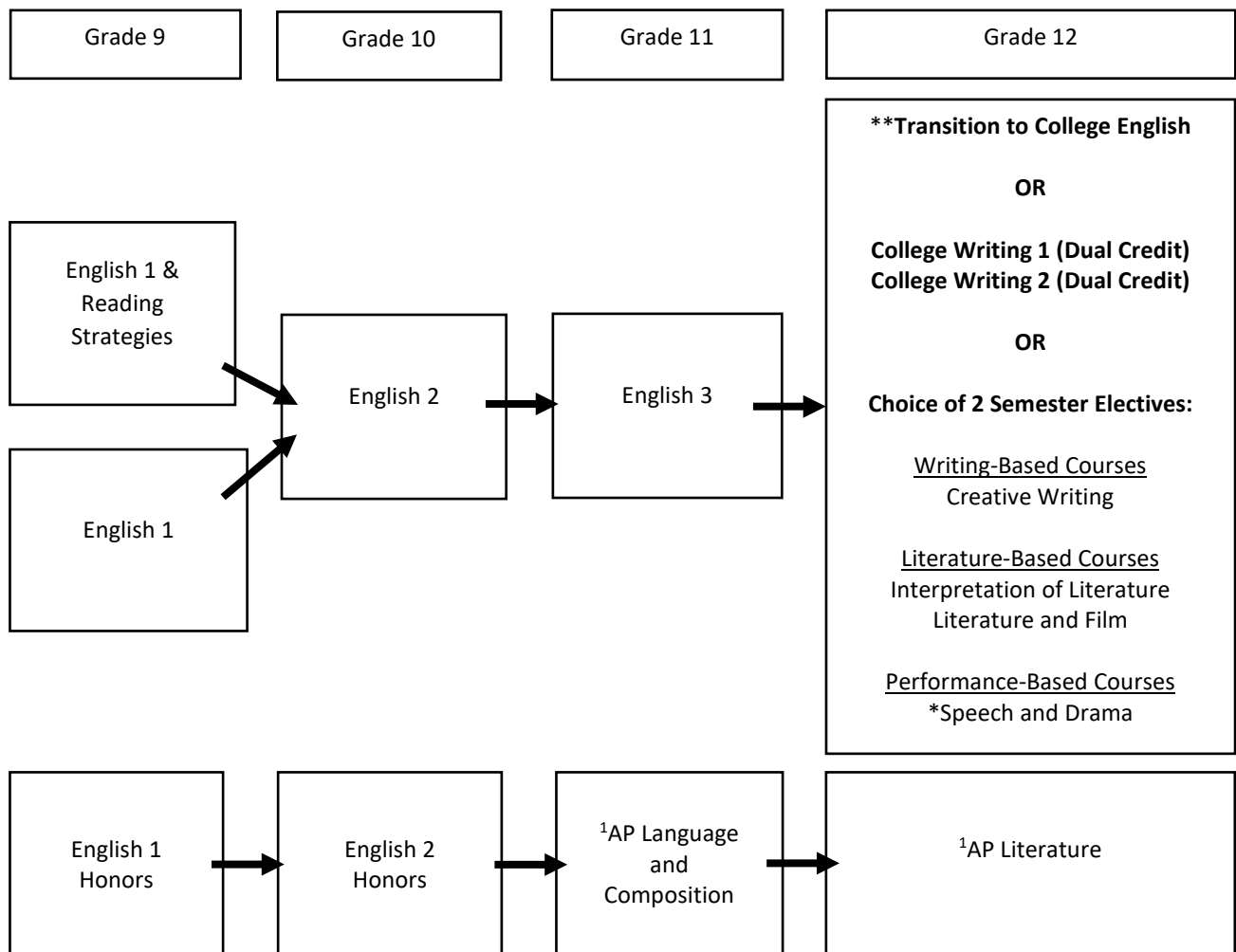
BS331

Grades 10, 11, 12

1 CREDIT

This is a one-semester course designed for sophomores through seniors. The objective of the course is to introduce students to the fundamentals of marketing through the sports and entertainment industries. The course will allow students to hear knowledgeable speakers, produce individual and group projects, discuss current marketing strategies, and view relevant videos. Throughout the semester, students will also be expected to assemble their work in a portfolio. The course topics will include the following: what is marketing, college and amateur sports, professional sports, marketing of sports products, public images, global market, careers in sports and entertainment marketing, entertainment industry, recreational marketing industry, marketing plans, and legal issues surrounding sports and entertainment marketing.

## ENGLISH DEPARTMENT PROGRAM SEQUENCE



<sup>1</sup>AP Exam required for course credit

\*Elective can be taken junior year

\*\*Success in the course guarantees Moraine Placement into a 100-level course

### READING STRATEGIES

EG116  
Grade 9  
2 CREDITS

This course is designed for students with skill deficiencies in Reading as identified by the MAP test and/or teacher recommendation. Reading Strategies is designed to assist in the development and improvement of students' skills in reading so that they may become more successful in understanding reading materials in other academic classes.

**(Prerequisite: Department placement)**

### ENGLISH 1

EG130  
Grade 9  
2 CREDITS

In English 1, students develop abilities in reading, writing, grammar, vocabulary, listening, and thinking. Students read various forms of literature to strengthen their analysis and communication skills. Writing practice comes in two main types: persuasive writing and literary analyses. The English 1 course includes independent reading study and provides an introduction to research skills. **English 1 is a prerequisite for all other courses in the regular English sequence.**

**ENGLISH 1 HONORS**

EG175  
Grade 9  
2 CREDITS

English 1 Honors provides the freshman English student with experience and competence in analytical and evaluative skills through study of various literary, writing, and speaking forms. Through whole-class required readings and choice-based independent reading, students analyze the themes and conventions of various literary forms: novel, short story, drama, poetry, graphic novels, and nonfiction. Students evaluate literary works by judging the author's ability to use the elements of literature. Students develop their skills in writing expository and persuasive essays, literary analyses, researched papers and projects, evaluations of literature, argumentative essays, and a personal essay. Students participate in discussions to analyze and evaluate various literary forms.

**(Prerequisite: Department placement)**

**ENGLISH 2**

EG230  
Grade 10  
2 CREDITS

English 2 builds on and further develops skills in reading, writing, grammar, vocabulary, listening, and thinking. Students read various forms of literature to develop competence in analytic thinking skills. Writing practice comes in two main types: narrative writing and argumentative researched papers. The English 2 course includes independent reading study and encourages class discussion and analytical thinking.

**(Prerequisite: EG130)**

**ENGLISH 2 HONORS**

EG275  
Grade 10  
2 CREDITS

English 2 Honors builds directly on skills developed in literature, reading, writing, speaking, listening, research, and vocabulary in English 1 Honors. This course exposes students to literature that expresses world values, culture, and philosophy. Students explore a writer's style and literary techniques using content-specific vocabulary in sophisticated analytical writing. The course focuses on higher-level thinking skills of analysis, synthesis, and evaluation, demonstrated through class discussions, oral presentations, and papers. Additionally, students prepare for AP English Literature and Composition and AP English Language and Composition by learning AP writing style and mastering advanced literary analysis. Summer reading may be required.

**(Prerequisite: Department placement)**

**ENGLISH 3**

EG330  
Grade 11  
2 CREDITS

English 3 is designed to build directly on the skills that have been addressed in literature, reading, writing, grammar, vocabulary, speaking, listening, and research in the English 1 and 2 courses. The course ensures that all students are given the opportunity to read literature that expresses American values, culture, and philosophy. Students will explore the central question, "What does it mean to be an American?" Argumentative and analytical essays are required in each semester.

**(Prerequisite: EG230)**

**ADVANCED PLACEMENT LANGUAGE  
AND COMPOSITION**

EG395  
Grades 11, 12  
2 CREDITS



This college-level course is limited to juniors and seniors who have shown aptitude for reading and writing. Students will read non-fiction texts through the eyes of a writer. Students will analyze choices writers and speakers make to persuade their audience. By analyzing how writing is composed, students will construct their own written persuasive pieces. Students will develop their understanding of non-fiction through rhetorical analysis. The students will explore a wide range of diverse topics through historical and contemporary perspectives. Students will synthesize others' works to create their own arguments and positions on diverse topics and issues. Students participate in discussions to craft arguments learning to strategically concede, rebut and refute information presented. Advanced Placement English includes those topics covered in the course requirement of the College Board Advanced Placement Program. All students are required to take the Advanced Placement Examination in English. Excellent achievement on this test can earn advanced placement in college and/or the awarding of college credit. Summer reading may be required.

**(Prerequisite: 4 earned credits in required English courses or teacher recommendation)**

**ADVANCED PLACEMENT LITERATURE  
AND COMPOSITION**

EG495  
Grade 12  
2 CREDITS



This college-level honors course is limited to seniors who have shown superior aptitude for reading and writing about literature. The course focuses on the close reading and analysis of great world literature, with emphasis on American and English authors. Students evaluate literary works by judging the author's ability to use the elements of literature and by learning and applying the philosophies studied over the four-year English program. Students develop their skills in writing cause-effect essays, extended literary analysis essays, researched papers, evaluations of literature, and a personal essay. Students participate in discussions to analyze and evaluate various literary forms. Students are expected to take part in lively class discussions based on the literature. Advanced Placement English includes those topics covered in the course requirement of the College Board Advanced Placement Program. All students are required to take the Advanced Placement Examination in English. Excellent achievement on this test can earn advanced placement in college and/or the awarding of college credit. Summer reading may be required.

**(Prerequisite: 6 earned credits in required English courses or teacher recommendation)**

**SPEECH AND DRAMA**

EG345  
Grades 11, 12  
1 CREDIT

Speech and Drama is designed for upperclassmen interested in theater, speech, and performance arts. Students will concentrate on improving skills, such as pantomime, oral interpretation, improvisation, character analysis, body movement, acting methods, vocal projection, and breath control. Students will learn to critique theater and acting, practice method acting, perform monologues and scenes from plays, and explore styles and genres of performance. Students will also write, deliver, and critique various types of speeches, ranging from impromptu speaking to researched-based business presentations. Students will learn speaking skills, including employing proper speaking technique, critiquing speeches and speakers, using audience feedback to guide presentations, and focusing on overcoming fear while speaking.

**(Prerequisite: 6 earned credits in English or concurrent enrollment in English 3)**

**TRANSITION TO COLLEGE ENGLISH**

EG400

Grade 12

2 CREDITS

Transition to College English, a year-long course, builds on students' experiential and academic knowledge to develop skills in reading, critical thinking and analysis, and writing that will enhance their success in college-level courses across majors and career pathways. This course is designed to provide the requisite skills for "day one" success in college-level courses. Students receiving a "C" or better indicates the competencies for the course were met and the student is considered ready for college-level English courses and college-level reading expectations at MVCC. **(Prerequisite: 6 credits in required English courses)**

**COLLEGE WRITING 1**

EG445

Grade 12

1 CREDIT

**\*DUAL CREDIT**

This course is designated to be a challenging and enlightening class to help advance a student's previous writing skills. Students are encouraged to be creative, energetic, and persistent. This class will make students aware of different forms of expository and argumentative writing and allow practice and revision using these forms. A heavy emphasis is placed on applying logical thinking skills in writing and using correct grammar, spelling, punctuation, vocabulary and the revision process. 3 hours of Dual Credit from Moraine Valley College can be earned with a grade of "C" or better (tuition may be required). **(Prerequisite: 6 credits required English courses)**

**COLLEGE WRITING 2**

EG446

Grade 12

1 CREDIT

**\*DUAL CREDIT**

This course is designated to be a challenging and enlightening class to help advance a student's previous writing skills and completion of College Writing 1. Students are encouraged to be creative, energetic, and persistent. This class will make students aware of different forms of literary writing, analysis writing, and allow practice and revision using these forms. A heavy emphasis is placed on applying logical thinking skills in writing and using correct grammar, spelling, punctuation, vocabulary, and the revision process. 3 hours of Dual Credit from Moraine Valley College can be earned with a grade of "C" or better (tuition may be required). **(Prerequisite: College Writing 1)**

**CREATIVE WRITING**

EG450

Grade 12

1 CREDIT

This is a course for students who like to write with imagination. The course also helps students improve their writing skills. Classes are often set up as workshops. Students work with many types of prose and poetry. Projects include journaling, memoir, the common app essay, fiction, poetry, and creative nonfiction. Students are expected to share their work through peer editing and formal presentations. Like all senior English electives, Creative Writing includes vocabulary enrichment and grammatical skills. **(Prerequisite: 6 earned credits in required English courses)**

**LITERATURE AND FILM**

EG455  
Grade 12  
1 CREDIT

This one-semester course introduces the student to the world of film as literature -- the history of film, cinematic technique, and film analysis. This is not merely a "film appreciation" course. Rather, students will examine both literary concepts (plot, setting, point of view, characterization, symbolism, theme, etc.) and cinematic technique to successfully analyze and interpret this popular form of "visual" literature. Students will investigate how and what ideas, values and concepts are connected through film in addition to examining the relationship between written literature and film. Through viewing both classic and modern films, students will gain an appreciation for the history of film, different genre types, and the interaction and relationship between film and society. Students will be expected to successfully and appropriately communicate their analysis and interpretations through class discussions, journal writing, essay writing, and class projects. Literature and Film, like all senior English electives, includes a research writing unit to meet the challenges of college and careers. Film list available on request.

**(Prerequisite: 6 credits in required English courses)**

**INTERPRETATION OF LITERATURE**

EG460  
Grade 12  
1 CREDIT

In this semester-long course, students will explore and analyze complex themes of identity, family, societal influence, and humanity's interconnectedness through in-depth studies of both classic and contemporary literature. By integrating poetry and short nonfiction pieces into thematic units of studies, students will identify authors' purposes, examine craft and diction, and develop advanced skills in theme and character analysis, literary criticism, research-based writing, and multimedia presentations.

**(Prerequisite: 6 credits in required English courses)**

# FAMILY AND CONSUMER SCIENCES DEPARTMENT

## PROGRAM SEQUENCE

### CULINARY ARTS SEQUENCE

Introduction to Culinary Arts and Child Development  
1 semester (9, 10)

Nutrition & Wellness  
1 semester  
(10, 11, 12)

Culinary Arts 1  
1 semester  
(9, 10, 11, 12)

Culinary Arts 2  
1 semester  
(9, 10, 11, 12)

Baking & Pastry  
1 semester  
(9, 10, 11, 12)

Advanced Baking & Pastry Arts  
1 semester  
(10, 11, 12)

Culinary Management  
1 semester  
(10, 11, 12)

Advanced Culinary Arts  
1 semester  
(10, 11, 12)

### CHILD DEVELOPMENT SEQUENCE

Introduction to Culinary Arts and Child Development  
1 semester (9, 10)

Child Development  
1 semester  
(10, 11, 12)

Advanced Child Development  
1 semester  
(10, 11, 12)

Parenting  
1 semester  
(10, 11, 12)

### EDUCATION SEQUENCE

Teaching Methods  
1 semester  
(10, 11, 12)

Teaching in a Diverse Society  
1 Semester  
(10, 11, 12)

Education Internship  
1 Semester  
(10, 11, 12)

Technology for Teaching and Learning  
1 Semester  
(9, 10, 11, 12)

**INTRODUCTION TO CULINARY ARTS  
AND CHILD DEVELOPMENT**

FS134

Grades 9, 10

1 CREDIT

This is an introduction course in the Family and Consumer Sciences Department. This is a 1 semester, beginning level class that gives the student a sample of each of the other department course offerings. Child Development topics such as taking care of children, safety and health concerns, babysitting and parenting are addressed. Culinary topics will include working in the kitchen, reading recipes, measuring and basic cooking techniques to create a basic understanding of the kitchen. This course is a general and natural lead to later study in the Child Development or Culinary Arts sequence of the Family and Consumer Sciences Department.

**NUTRITION AND WELLNESS**

FS220

Grades 10, 11, 12

1 CREDIT

(Concurrent with PE enrollment)

This interdisciplinary Physical Education (PE) and Family and Consumer Sciences (FACS) course is designed to help students understand the importance of exercise and healthy eating habits presently and for a lifetime. Students will participate in a wide variety of exercise activities, as well as cook, and prepare healthy and delicious food. This course will enhance students' understanding of their fitness needs and guide them in making wise decisions to improve their health and wellness. Students will analyze and compare healthy food choices, as well as analyze their health risk, fitness levels, nutritional habits, lifestyles, and attitude toward wellness. A personal wellness plan will be developed and implemented by the students during this semester class. The individualized wellness plan accompanied with time spent working hands-on in the laboratory preparing nutritional food will help the students understand how exercise and health behavior management will assist them to attain personal goals.

**CULINARY ARTS 1**

FS252

Grades 9, 10, 11, 12

1 CREDIT

**\*CERTIFICATION OFFERED**

Culinary Arts 1 introduces students to the basic principles of food preparation. Areas such as safety and sanitation, reading a recipe properly, measuring accurately, culinary terminology, nutrition, simple quick breads, and pasta/rice dishes. Culinary Arts 1 prepares the student for independent living and/or advancement in preparing for employment in the food industry. This course is a foundation and **mandatory** prerequisite for any of the following Culinary Arts courses. Students have the opportunity to earn SP/2 Industry Credentials.

**CULINARY ARTS 2**

FS253

Grades 9, 10, 11, 12

1 CREDIT

**\*CERTIFICATION OFFERED**

Culinary Arts 2 is a second level culinary course. Culinary Arts 2 is a course that builds on the information gained from the Culinary Arts 1 class. In Culinary Arts 2, students enhance their skills in food production and service. Emphasis is placed on terminology, cooking principles, kitchen management, and advanced culinary skills. Topics include: Salads, Casseroles, and Soups; Meat and Dairy, Yeast Breads, Cakes, Cookies and Pies. Culinary Arts 2 can be used as a complement to Baking and Pastry or as a prerequisite to Culinary Management and/or Advanced Culinary Arts. Students have the opportunity to earn SP/2 Industry Credentials.

**(Prerequisite: FS252)**

**BAKING AND PASTRY**

FS254

Grades 9, 10, 11, 12

1 CREDIT

**\*CERTIFICATION OFFERED**

In this course students will build upon the beginning skills learned in Culinary Arts 1 to explore the basics of baking. Students will also practice the preparation of different types of quick and yeast breads, cookies, cakes, pastries and key culinary techniques. Students will decorate their own custom cupcakes. Science and math skills will be reinforced through practical culinary lab experiences. Students should enroll in this course if they are planning on pursuing a career in the culinary field or if they have an interest in baking and pastry arts. Students have the opportunity to earn SP/2 Industry Credentials.

**(Prerequisite: FS252)**

**ADVANCED BAKING AND  
PASTRY ARTS**

FS354

Grades 10, 11, 12

1 CREDIT

**\*CERTIFICATION OFFERED**

Students will build upon the beginning baking skills learned in Culinary Arts 1, as well as Baking and Pastry. Students will learn the scientific principles behind candy making, and prepare specialty desserts including crème brulee, pate a choux, and croissants through making their own laminated dough. Students will practice plating eye-catching desserts and designing and decorating their own custom cookies. Students will prepare recipes from scratch and take them all the way through plating and photographing their finished products. Science and math skills are reinforced through practical foods lab experiences. Students have the opportunity to earn their CPR Certification and SP/2 credentials. **(Prerequisite: "C" or better in FS254)**

**CULINARY MANAGEMENT**

FS360

Grades 10, 11, 12

1 CREDIT

**\*CERTIFICATION OFFERED**

**\*DUAL CREDIT**

Culinary Management is an upper-level culinary course that prepares students to work on the practical side of running a restaurant. Culinary Management goes beyond food preparation to include restaurant management, human resources issues, safety in the kitchen, and menu development. Topics such as food art and garnishing, applying recipe conversion and food trucks will also be incorporated. This course is ideal for the students who enjoy cooking but want to take a more business-oriented approach to the career. It also takes a strong leader and serious student who knows quite a bit about food and how it is best prepared. Students have the opportunity to earn their ServSafe Food Manager certification and SP/2 credentials. **2 hours of dual credit from Moraine Valley Community College can be earned with a grade of "C" or better. (Prerequisite: FS253 or FS254)**

**ADVANCED CULINARY ARTS**

FS370

Grades 10, 11, 12

1 CREDIT

**\*CERTIFICATION OFFERED**

This course enhances the knowledge of the principles of cooking and kitchen operations. Topics include mise en place, cooking techniques, stocks, soups, sauces, meal preparation, becoming a food critic, and food of the future. Upon completion, students should be able to execute efficiently a broad range of basic cooking skills as they apply to different Chef positions in foodservice operations. Students have the opportunity to earn SP/2 Industry Credentials. **(Prerequisite: FS253 or FS254)**

**CHILD DEVELOPMENT**

FS251

Grades 10, 11, 12

1 CREDIT

**\*CERTIFICATIONS OFFERED**

The Child Development course helps students understand the needs and developmental stages of young children. The class gives students the opportunity to gain an understanding about themselves which leads to becoming a more capable early childhood caregiver and/or teacher. This class combines basic information with practical application. Emphasis is placed on prenatal development, childbirth, health and safety, food and nutrition, and physical, intellectual, emotional, and social development of children from birth to age five. This course is a foundation for further courses in the child development sequence. Students have the opportunity to earn a Shaken Baby Syndrome and Sudden Infant Death Syndrome certificate.

**ADVANCED CHILD DEVELOPMENT**

FS255

Grades 10, 11, 12,

1 CREDIT

**\*CERTIFICATION OFFERED**

The primary focus of this course is to teach students how to work with children from infancy to school age. Students will receive training in job related skills such as lesson planning, creative activities, first aid and CPR. Students will learn appropriate activities to do with children. Early Childhood Credential 1 (Level 1 certificate) will be a part of the curriculum and certification will be accomplished. Characteristics of effective teachers are identified and explored. Career opportunities in the field of childcare are investigated. Students have the opportunity to earn their CPR, ECE1, and Mandated Reporter certifications. **(Prerequisite: FS251)**

**PARENTING**

FS331

Grades 10, 11, 12

1 CREDIT

**\*CERTIFICATION OFFERED**

Parenting is a study of the rewards and responsibilities of being a parent or caregiver. Coursework covers areas such as problem-solving decisions that must be made as a parent, the realities of being a parent, participating in the Empathy Belly and Real Care Baby projects, coping with the arrival of a new baby, nurturing and guiding children, and the investigation of family resources that are available. Students have the opportunity to earn a Child Development and Health & Safety Basics certification. **(Prerequisite: FS251)**

**TEACHING METHODS**

FS270

Grades 10, 11, 12

1 CREDIT

Students will explore the teaching profession as a viable career option. Topics include teacher skills, attributes and dispositions of successful teachers and the structure and purpose of schools.

**TEACHING IN A DIVERSE SOCIETY**

FS271

Grades 10, 11, 12

1 CREDIT

**\*DUAL CREDIT**

Students will develop insight into the teaching profession and the education system as part of a diverse society. Students examine personal bias which can affect teaching and learning and explore various cultural groups and their valuable contributions to the classroom. The course also presents various teaching standards by which students can broaden their knowledge and views of teaching and learning while developing culturally responsive philosophies of education.

**EDUCATION INTERNSHIP**

FS400

Grades 10, 11, 12

1 CREDIT

**\*DUAL CREDIT**

Education Internship is a class designed for students who are considering or interested in a career in education. This is a semester-long (60 work-based learning hours) internship course. Students will be placed with an educator to learn and experience what a career in education is like in that position. During their placement, students may also spend brief amounts of time with people in other aspects of education. For each placement, students will act as a student aide and be responsible for completing certain tasks in the classrooms. They will also have lessons in a classroom setting with an instructor, detailing aspects of working in education. **\*This course is offered as Dual Credit with the University of St. Francis and will follow their curriculum.**

**TECHNOLOGY FOR TEACHING AND LEARNING**

FS269

Grades 9, 10, 11, 12

1 CREDIT

**\*DUAL CREDIT**

This course provides students with a strong foundation of the role of technology in the teaching and learning process. Students will be introduced to digital citizenship, technology-based tools and media that support instruction, extend communication outside the classroom and increase productivity in daily tasks. **\*This course is offered as Dual Credit with the University of St. Francis and will follow their curriculum.**

# INDUSTRIAL TECHNOLOGY

## PROGRAM SEQUENCE

### ENGINEERING SEQUENCE

PLTW 1 - Introduction to Engineering Design  
9, 10, 11, 12

PLTW 2 – Principles of Engineering  
10, 11, 12

PLTW - Civil Engineering  
and Architecture  
11, 12

PLTW - Capstone  
11, 12

### ELECTRONICS SEQUENCE

Electricity and Electronics 1  
9, 10, 11, 12

Electricity and Electronics 2  
9, 10, 11, 12

### COMPUTERS SEQUENCE

Foundations of Technology  
9

Computer Servicing 1  
10, 11, 12

Computer Servicing 2  
10, 11, 12

### GRAPHIC DESIGN SEQUENCE

Graphic Design 1  
9, 10, 11, 12

Graphic Design 2  
9, 10, 11, 12

Graphic Design Productions  
10, 11, 12

### WOODWORKING SEQUENCE

Woods 1  
9, 10, 11, 12

Woods 2  
10, 11, 12

Advanced Woodworking  
11, 12

### AUTOMOTIVE SEQUENCE

Automotive Essentials  
9, 10, 11, 12

Automotive Maintenance and Light Repair  
10, 11, 12

Advanced Automotive Technology  
11, 12

**PLTW – INTRODUCTION TO  
ENGINEERING DESIGN**

ID500

Grades 9, 10, 11, 12

2 CREDITS

**\*CERTIFICATION OFFERED**

Introduction to Engineering Design (IED) is a course for students who are interested in engineering and 3D modeling. This is year one of the PLTW sequence with potential of up to 4 years of PLTW engineering coursework. This course introduces the design process and how engineers use it to solve problems. It is a project-based class that introduces students to the field of engineering through a variety of projects and team challenges. Units of study include technical sketching and using computers to teach extensive 3D modeling skills and 3D printing. The goal is for students to be able to measure, recreate, improve and 3D print new solutions and concepts by the end of this course. Students will work individually and as a part of a team to develop solutions to many engineering problems. As part of this course, students will have the opportunity to earn their Autodesk Fusion360 User certification.

**PLTW – PRINCIPLES OF ENGINEERING**

ID550

Grades 10, 11, 12

2 CREDITS

Principles of Engineering (POE) is the second course of the Project Lead the Way Sequence. This course is a more in-depth introduction to the different fields of engineering. This level incorporates physics and exploring mechanisms such as VEX Robotics kits to test theories. Students will also learn coding for robotics, building structures and code for various robotics and automated machines with our extensive VEX Robotics kits. Students will use a combination of python and block coding. Students will also explore electricity and circuits to learn about various power sources, both fluid and mechanical. This course is great for students who like to build and create.

**(Prerequisite: ID500)**

**PLTW – CIVIL ENGINEERING AND  
ARCHITECTURE**

ID551

Grades 11, 12

2 CREDITS

**\*CERTIFICATION OFFERED**

This is a content specific course of the Project Lead the Way Sequence and is for those specifically interested in Civil Engineering and/or Architecture. Students learn the important aspects of building and site design development. Students will use Autodesk Revit for 3D modeling architectural design software to create both residential and commercial projects. Students will work through hands-on site planning activities both individually as well as in teams to complete 3D Architectural Designs. Upon completion, students can earn Autodesk Revit Certification through Certiport.

**(Prerequisite: ID500 and ID550)**

**PLTW – CAPSTONE**

ID555

Grades 11, 12

2 CREDITS

PLTW Capstone is our highest-level course for the Project Lead the Way Sequence and compares to college-level courses for engineering students. Have you ever wanted to invent something or even know the process? The knowledge and skills students acquired through the previous PLTW courses come together in this course in order to do just that. Students choose their own topic, and then research, design and test a solution, ultimately presenting their solutions to a panel at the end of the year. Students will learn and participate in the entire engineering process and understand what it takes to solve a problem through both individual and collaborative teamwork. Students taking this course should be aware the public speaking is a key factor in this course, as you'll be presenting your idea and final solution in the spring showcase.

**(Prerequisite: ID550)**

**FOUNDATIONS OF TECHNOLOGY**

ID130  
Grade 9  
1 CREDIT

Foundations of Technology is an introductory course for the Technology and Engineering Education Programs. It is designed to engage students in exploring and deepening their understanding by developing the student's knowledge in the areas of: engineering design, construction, energy and power, information and technologies as well as emerging technologies. This course will allow students to explore different pathways within Technology.

**COMPUTER SERVICING 1**

ID335  
Grades 10, 11, 12  
1 CREDIT  
***\*DUAL CREDIT***

This course is designed for the student who enjoys assembling, building and maintaining computers. It offers a hands-on approach to computer maintenance. This course will present the evolution of the personal computer. Students will learn about personal computer components, laptops, portable devices, operating systems, network devices, computer security, computer safety and environmental issues. The class will also review communication and workplace skills. This course is the first step in becoming CompTIA A+ Certified and is a prerequisite for Computer Servicing 2. **4 Hours of Dual Credit from Moraine Valley Community College can be earned with a grade of "C" or better.**

**COMPUTER SERVICING 2**

ID336  
Grades 10, 11, 12  
1 CREDIT  
***\*DUAL CREDIT***

This course offers a hands-on approach to managing information technology in a variety of environments. Students will be provided the skills needed to perform tasks such as installation, building, repairing, configuration, troubleshooting, optimizing, diagnosing and preventive maintenance in the context of the field service or enterprise environment and interacting with customers remotely. The course will also introduce critical responsibilities commonly required in managing IT within an organization including project management, help desk operations and information security. After successful completion of Computer Servicing 1, this course will focus on the advanced hands-on and technical aspects needed to become CompTIA A+ an industry standard for IT professionals. **3 Hours of Dual Credit from Moraine Valley Community College can be earned with a grade of "C" or better.**

**ELECTRICITY AND ELECTRONICS 1**

ID250  
Grades 9, 10, 11, 12  
1 CREDIT

Electricity and Electronics 1 is an entry-level course for students who wish to explore basic electrical principles. Students will explore Alternating Current and Direct Current (AC-DC) through projects and labs. Students will be introduced to test equipment such as digital multimeters and voltage testers. Students will construct several soldering kits such as LED Flashers, and sirens. Basic principles in residential wiring and electrical theory will be discussed as students will build circuits common to residential wiring. This course is a must for any student interested in learning about electricity and electronics. **This course is a prerequisite for ID251 which offers Dual Credit with Moraine Valley Community College.**

**ELECTRICITY AND ELECTRONICS 2**

ID251  
Grades 9, 10, 11, 12  
1 CREDIT  
***\*DUAL CREDIT***

Electricity and Electronics 2 is a course for students with an interest in microprocessors, programming, coding, and electronic components. Students will design circuits and build electronic devices controlled by transistors, microchips, and programmable logic devices such as the Arduino or Raspberry Pi. Oscilloscopes, digital multimeters and other electronic testing devices will be utilized. Students will use computer software to create and analyze circuits and are introduced into robotics. This class builds on student knowledge gained in Electricity and Electronics I and is a must for students interested in Engineering and Electronic design. **3 Hours of Dual Credit from Moraine Valley Community College can be earned with a grade of "C" or better. (Prerequisite: ID250)**

**GRAPHIC DESIGN 1**  
ID242  
Grades 9, 10, 11, 12  
1 CREDIT  
**\*DUAL CREDIT**

Interested in making your own graphics? This course introduces the fundamental concepts in the Adobe Creative Suite focusing on various Adobe Applications including Adobe Illustrator, Photoshop, InDesign, and Acrobat. Students will create simple graphics and learn the tools and techniques required to create and edit raster and vector-based images. Topics include general design terminology, color, layout, and basic design principles. This class is an introduction to the field and requires no previous skills/knowledge. Projects include posters, dye sublimation magnets/keychains, ID tags, vinyl graphics and t-shirt design.

**GRAPHIC DESIGN 2**  
ID243  
Grades 9, 10, 11, 12  
1 CREDIT  
**\*DUAL CREDIT**

You know how to make the graphics, now let's apply this to more advanced projects. This course provides intermediate level training in computer graphics and design. Instruction covers typography, design elements and color management, industry terminology, design principles and page layout. Graphic Design 2 continues in the fundamental concepts of the Adobe Creative Suite focusing on Adobe Illustrator and vector-based design. Topics include industry terminology, color, layout, and design principles. Projects include posters, advanced dye sublimation, multi-color vinyl graphics and apparel design. Upon completion of this course, there is a year long Graphic Design Advanced Applications course and independent study where students can continue to use their creativity to produce advanced designs.  
**(Prerequisite: ID242)**

**GRAPHIC DESIGN  
ADVANCED APPLICATIONS**  
ID340  
Grades 10, 11, 12  
2 CREDITS  
**\*CERTIFICATION OFFERED**  
**\*DUAL CREDIT**

Want to make your own shirts and graphics? This course is a continuation of Graphic Design 1 and 2 that teaches all aspects of the design industry. GDAA encompasses bitmap manipulation utilizing Adobe Photoshop, page layout using Adobe InDesign and advanced vector drawing in Adobe Illustrator. Students will master a variety of tools and techniques to edit and create digital images used for print and web. Additional topics include color modes, publishing for print and web, proper file formats, and graphic optimization. This course also emphasizes independent work and decision-making in the design and layout of computer-generated documents include brochures and newsletters. Projects include t-shirts, vinyl's, banners, decals, and stickers. Upon completion of this course, there is a year long Graphic Design independent study where students concentrate on industry/career exploration and portfolio development.  
**(Prerequisite: ID242 and ID243)**

**WOODS 1**  
ID260  
Grades 9, 10, 11, 12  
1 CREDIT  
**\*CERTIFICATION OFFERED**

Students enrolled in this course will learn the fundamentals of working with hand, power, and manufacturing grade tools. Students will complete a breadboard, stylist pen and a wall clock. Safety glasses are required. Students have the opportunity to earn S/P2 Industry Credentials.

**WOODS 2**  
ID261  
Grades 10, 11, 12  
1 CREDIT  
**\*CERTIFICATION OFFERED**

Woods 2 will include safety of hand tools and machines, both portable and stationary, wood joinery (dado, mortise and tenon, kreg fastening), utilization of materials, and basic finishing techniques. Students will be constructing a side table to take home. Safety glasses will be required and worn. Students have the opportunity to earn S/P2 Industry Credentials.  
**(Prerequisite: ID260)**

**ADVANCED WOODWORKING**

ID262

Grades 11, 12

2 CREDITS

After completion of Woods 1 and 2, it is time to implement what you have learned. Students will be required to propose an individual project, calculate time and materials, and construct the project. Students will be responsible for the cost of materials for personal projects.

**(Prerequisite: ID261)**

**AUTOMOTIVE ESSENTIALS**

ID230

Grades 9, 10, 11, 12

1 CREDIT

**\*CERTIFICATION OFFERED**

This one semester course introduces students to the basics of car ownership and vehicle systems. Topics include learning proper tool use, car purchasing, care and basic routine maintenance. The course utilizes labs that the average car owner can accomplish on their own such as changing engine oil, removing spark plugs, replacing bulbs, rotating tires, and changing your air filter. This course is designed to give students the skills and knowledge to better understand vehicles and how to maintain them.

*\*Those with experience with cars should select Auto Maintenance and Light Repair.*

**AUTOMOTIVE MAINTENANCE  
AND LIGHT REPAIR**

ID330

Grades 10, 11, 12

1 CREDIT

**\*CERTIFICATION OFFERED**

This one-semester course introduces students to automotive maintenance and light repair. Topics include learning how to lift a vehicle with the use of a 2 post lift, wheels and tire balancing and maintenance, introductions to engine performance and operations, brakes, drivetrain, air and fuel delivery and body care.

**ADVANCED AUTOMOTIVE  
TECHNOLOGY**

ID430

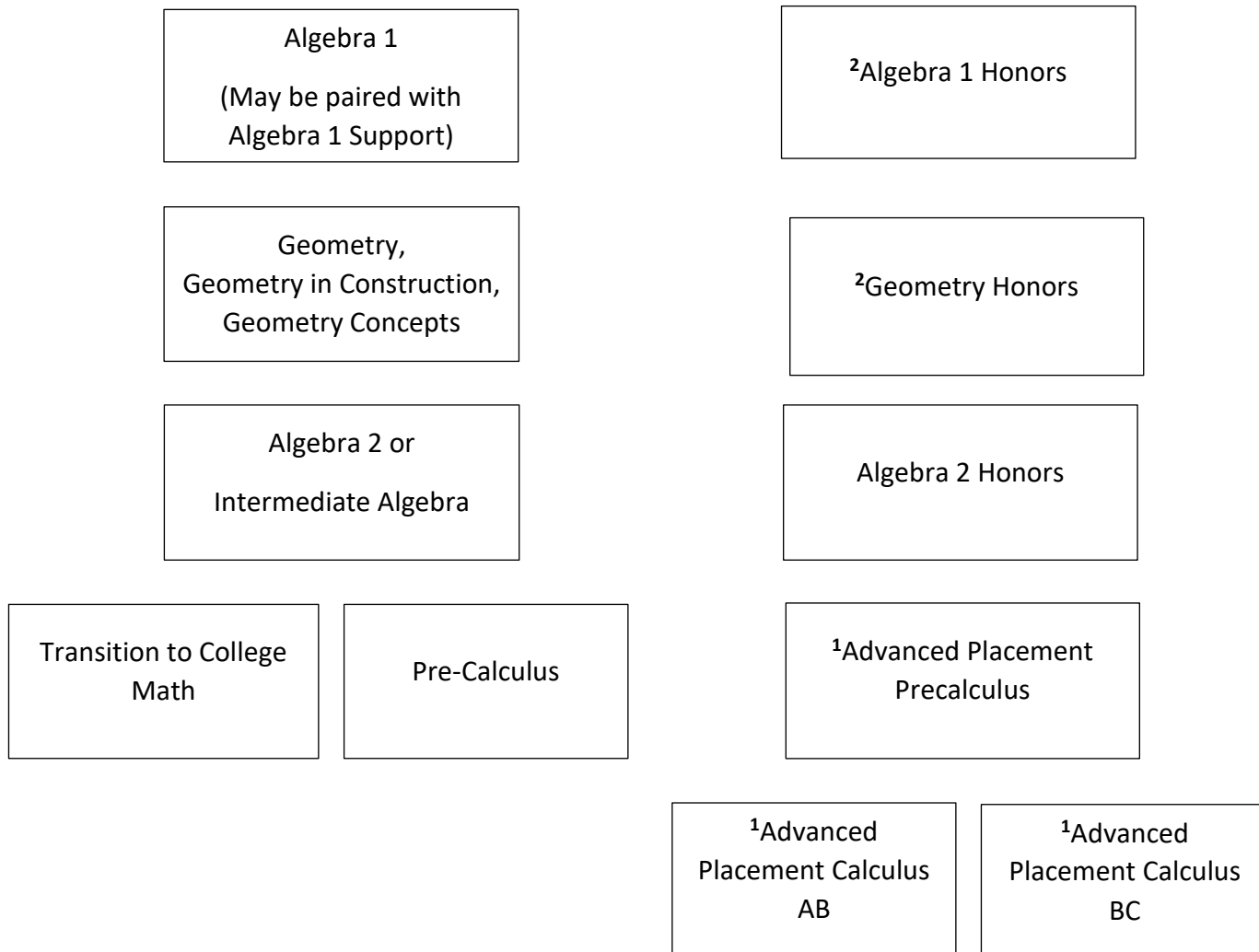
Grades 11, 12

2 CREDITS

This yearlong course is for those students looking to further their automotive knowledge and skills. Students enrolled in this program will gain the skills to qualify them as Lube Technicians, Tire Technicians, All DATA certified, as well as learning many other areas of the field. Additional skills include rebuilding engines, troubleshooting, and diagnosing vehicle faults. Students will learn the necessary skills to enter the workforce right out of high school. **(Prerequisite: Grade of "C" or better in Automotive Maintenance and Light Repair ID330)**

# MATHEMATICS DEPARTMENT

## PROGRAM SEQUENCE



### Other Electives:

<sup>1</sup>Advanced Placement Computer Science Principles (9, 10, 11, 12) (Full Year)

<sup>1</sup>Advanced Placement Computer Science A (11, 12) (Full Year)

<sup>1</sup>Advanced Placement Statistics (11, 12) (Full Year)

<sup>1</sup>AP exam required for course credit

<sup>2</sup>Incoming freshman may be placed into either Algebra Honors or Geometry Honors

**ALGEBRA 1 SUPPORT**

MH125

Grade 9

2 ELECTIVE CREDITS

This course is designed for the student with skill deficiencies in mathematics as identified by the MAP test and/or teacher recommendation. This course will remediate and reinforce the content covered in Algebra 1 by providing the student with additional time, instruction, individualized practice, and support.

**ALGEBRA 1**

MH130

Grade 9

2 CREDITS

Algebra is designed to integrate geometry, probability and statistics together with algebra. Topics covered include working with algebraic expressions, equations, inequalities and graphing of various functions. The use of the coordinate and transformation approaches connect geometry with algebra. Real-world situations and applications motivate all topics with technology experiences integrated throughout. **(Prerequisite: Department placement)**

**ALGEBRA 1 HONORS**

MH175

Grade 9

2 CREDITS

This fast paced and rigorous course provides a mathematical foundation of algebraic structures. Students explore the language of algebra in verbal, graphical and symbolic forms. There is a strong emphasis on real-life applications, problem solving and conceptual exercises. In addition, students focus on generating, exploring and analyzing data. Other topics include linear and non-linear equations and inequalities, graphs, systems of equations, rational and irrational expressions, and functions. A graphing calculator is required. **(Prerequisite: Department placement)**

**GEOMETRY**

MH230

Grade 10

2 CREDITS

Geometry is designed to develop relationships among angles, lengths, areas, and volumes in two and three-dimensional figures. Spatial and visualization skills are enhanced. Logic and reasoning skills are developed through the use of conditional statements and proof. Other topics include transformations, similarity, trigonometry, and coordinate geometry. Algebra skills are reinforced. Computer and calculator experiences are integrated within the course. (Prerequisite: MH130)

**GEOMETRY CONCEPTS**

MH232

Grade 10

2 CREDITS

This course is designed for students who wish to take geometry but need a less rigorous course than traditional geometry. The course will cover many of the same topics of traditional geometry but will not include formal proof. Instead, students will be expected to support their conclusions with substantiated reasoning and logical arguments. Applications of geometric and measurement concepts to everyday living will be stressed. This course may not be accepted by some colleges and universities as fulfilling entrance requirements in math. **(Prerequisite: MH130)**

**GEOMETRY IN CONSTRUCTION**

MH235

Grade 10

4 CREDITS

(2 Math credits and 2 CTE credits)

Geometry in Construction is an interdisciplinary course that integrates Geometry and Construction topics through the building of a significant construction project. Geometry topics will focus on integrating algebra in a geometric context, coordinate geometry, justification, structured argument, reasoning, transformations, shape recognition and manipulation, modeling and building visual skills. Students will be exposed to and gain hands-on experience in the following areas of Construction: safety, framing, HVAC, plumbing, roofing, windows, exterior doors, and siding. Additional emphasis is given to teamwork, problem-solving, and the promotion of STEM education. Students also receive CTE elective credit (ID 255) in this double-period class. **(Prerequisite: Department Placement)**

**GEOMETRY HONORS**

MH275

Grades 9, 10

2 CREDITS

Geometry Honors is designed to provide an opportunity for a more in-depth understanding of geometry as described. A strong emphasis on formal deductive proof in which making conjectures, formulating generalizations, and drawing conclusions are developed. Key content strands are integrated throughout the course to promote long-term retention of algebra, transformational and coordinate geometry, and probability. Advanced algebra topics are included as preparation for Precalculus. Computer and calculator experiences are integrated within the course. A graphing calculator is required. **(Prerequisite: A minimum grade of "C" in both semesters of MH175)**

**INTERMEDIATE ALGEBRA**

MH325

Grade 11

2 CREDITS

This course is designed for those students who have completed Algebra and Geometry and wish to continue their study of mathematics. The content of the course includes strengthening of student's current math skills followed by topics studied in advanced mathematics but presented in a less rigorous manner. The course incorporates technology, application problems, and "hands-on" activities to give a more concrete approach to the topics in a second year Algebra course. Topics covered include further study of equations and inequalities, functions, graphing, trigonometry, polynomials, systems of equations, and probability and statistics. **(Prerequisite: Students who do not meet the prerequisite for Algebra 2)**

**ALGEBRA 2**

MH330

Grades 11, 12

2 CREDITS

Advanced Algebra is designed to study a variety of functions including linear, quadratic, exponential, logarithmic and trigonometric. These functions are used as tools for solving a variety of applications and for modeling real-world situations. Topics from geometry, discrete mathematics and statistics are also included. Calculator experiences are integrated throughout the course as a pattern finding, concept developing and problem-solving tool. **(Prerequisite: A minimum grade of "C" in both semesters of MH130, MH230 or MH235)**

**ALGEBRA 2 HONORS**

MH376

Grades 10, 11

2 CREDITS

Advanced Algebra Honors is a rigorous course designed to provide an opportunity for a more in-depth study of algebra and trigonometry. Topics covered will include linear, polynomial, rational, logarithmic, trigonometric, and exponential functions as well as analytical trigonometry and matrices and determinants. This course provides the foundation for college level mathematics courses. A graphing calculator is required. **(Prerequisite: A minimum of "C" in both semesters of MH175 and/or MH275)**

**TRANSITION TO COLLEGE  
MATHEMATICS**

MH345  
Grade 12  
2 CREDITS

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 completing this course with a grade of "C" or higher in both semesters will receive guaranteed placement at Moraine Valley or other Illinois community colleges in a college-level mathematics course within 18 months of graduation, without needing to take a placement exam.** (Prerequisite: MH325)

**PRE-CALCULUS**  
MH430  
Grades 11, 12  
2 CREDITS

Pre-calculus is designed to extend the topics learned in Algebra 2 including polynomial, rational, logarithmic, and trigonometric functions. Pre-calculus concepts include sequences, series, limits, and matrices to prepare students for further study in mathematics and science. Topics from analytical geometry are also included. The utilization of technology is used throughout to study functions, explore relationships between equations and their graphs, and develop limit concepts. This course is designed for senior students looking to prepare for college math courses. **(Prerequisite: A minimum grade of "C" in both semesters of MH330)**

**ADVANCED PLACEMENT  
PRE-CALCULUS**  
MH380  
Grades 11, 12  
2 CREDITS



This course provides students with a college level math experience and prepares students for AP Calculus. AP Precalculus begins to unify concepts of geometry, algebra, and trigonometry. Topics include polynomial and rational functions, exponential and logarithmic functions, trigonometric and polar functions, functions involving parameters, vectors, and matrices. If time permits probability and limits. Students taking this course are required to take the Advanced Placement Examination in AP Precalculus, as all topics covered in this course meet the requirements of the College Board Advanced Placement Program. Excellent achievement on this test can lead either to advanced placement in college and/or the awarding of college credit. A graphing calculator is required. **(Prerequisite: A minimum of "C" in both semesters of MH175, MH275, and MH376.)**

**ADVANCED PLACEMENT  
COMPUTER SCIENCE A**  
MH385  
Grades 11, 12  
2 CREDITS



The course begins with introducing the JAVA programming language and continues through the application of writing programs to prepare students to take the AP Computer Science A exam. Students will learn object-oriented programming methodology with an emphasis on problem solving and algorithm development. This class is a capstone course for computer education. Advanced Placement Computer Science includes those topics covered in the course requirement of the College Board Advanced Placement Program. All students are required to take the Advanced Placement Examination in Computer Science A or AB. Excellent achievement on this test can earn advanced placement in college and/or the awarding of college credit. This course does not fulfill the 3 year math requirement for graduation. It is recommended that a student take a math class in addition to the AP Computer Science A course for college. 3 hours of Dual Credit from Moraine Valley Community College can be earned with a grade of "C" or better. **(Prerequisite: A minimum of "C" in both semesters of MH175 and MH275 or a minimum of "B" in both semesters of MH130 and MH230)**

**ADVANCED PLACEMENT STATISTICS**  
MH490  
Grades 11, 12  
2 CREDITS



AP Statistics is designed to be equivalent to a one-semester, introductory, non-calculus based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course; exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding. Students taking this course are required to take the Advanced Placement Examination in AP Statistics, as all topics covered in this course meet the requirements of the College Board Advanced Placement Program. Excellent achievement on this test can lead either to advanced placement in college and/or to the awarding of college credit. A graphing calculator is required. **(Prerequisite: A minimum grade of "B" in both semesters of MH330 or MH376)**

**ADVANCED PLACEMENT  
CALCULUS AB**  
MH495  
Grade 12  
2 CREDITS



Advanced Placement Calculus AB consists of a full academic year of calculus and related topics comparable to a first semester calculus course in colleges and universities. Using graphical, numerical and algebraic approaches with applications from many areas, this course provides an excellent foundation for those students entering the sciences, business, mathematics, or liberal arts programs at the college level. Students taking this course are required to take the Advanced Placement Examination in Calculus, as all topics covered in the course meet the requirements of the College Board Advanced Placement program. Excellent achievement on this test can lead either to advanced placement in college and/or to the awarding of college credit. A graphing calculator is required. **(Prerequisite: A minimum of "C" in both semesters of MH375)**

**ADVANCED PLACEMENT CALCULUS BC**  
MH496  
Grade12  
2 CREDITS



Advanced Placement Calculus BC consists of a full academic year of calculus and related topics comparable to the first two semesters of calculus courses in colleges and universities. Using graphical, numerical and algebraic approaches with applications from many areas, this course provides an excellent foundation for those students entering the sciences, business, mathematics, or liberal arts programs at the college level. All students are required to have a TI-83, TI-84, or TI-89 graphing calculator. The calculator is used daily to introduce, reinforce, and explore various topics throughout the year. The calculator is used to promote the connections between the numerical, graphical, and analytical approaches to problem solving in calculus. Students taking this course are required to take the AP exam, as all topics covered in the course meet the requirements of the College Board Advanced Placement program. Excellent achievement on this test can lead either to advanced placement in college and/or to the awarding of college credit. A graphing calculator is required. **(Prerequisite: A minimum of "C" in both semesters of MH375)**

**ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES**  
MH195  
Grades 9, 10, 11, 12  
2 CREDITS



Advanced Placement Computer Science Principals was created by the College Board with a goal to broaden participation in computer science by people and groups who are traditionally underrepresented in the field. Advanced Placement Computer Science Principals course has been designed to be engaging and accessible to all students, not just computer science students, by offering opportunities throughout the course for authentic discovery and creation, and opportunities to connect and reflect on the impact of computing in the real world. In this course, students will develop computational thinking skills vital for success across all disciplines and engages students in the creative aspects of the field by allowing them to develop computational artifacts based on their interests for both self-expression and problem solving. **(Prerequisite: MH130, MH175 or concurrent enrollment in MH175)**

## MUSIC DEPARTMENT PROGRAM SEQUENCE

	VOCAL		BAND		GUITAR		NON TRADITIONAL
	Ensemble	Electives	Ensemble	Electives	Ensemble	Electives	Electives
Freshmen	Treble or Bass Ensemble	Music Technology Piano 1 & 2 Guitar 1 & 2	Concert Band or Percussion Ensemble	Music Technology Piano 1 & 2 Guitar 1 & 2	N/A	Guitar 1 & 2	Music Technology Piano 1 & 2 Guitar 1 & 2
Sophomore	Chorale or Bass Ensemble*	Honors Modern Music Theory 1 & 2	Symphonic Band** or Percussion Ensemble	Honors Modern Music Theory 1 & 2	Guitar Studio	Honors Modern Music Theory 1 & 2	Music Tech
Junior	Bella* or Ancora	Band Guitar AP Music Theory Music Comp	Symphonic Band** or Percussion Ensemble	Choir Guitar AP Music Theory Music Comp	Guitar Studio	Music Comp Band Choir AP Music Theory	Honors Modern Music Theory 1 & 2 Honors Music Composition & Production
Senior	Ancora	Band Guitar AP Music Theory	Wind Ensemble or Percussion Ensemble	Choir Guitar AP Music Theory	Guitar Studio	Band Choir AP Music Theory	Honors Music Composition & Production AP Music Theory

**Possible College Degrees**.....

Music Education Vocal Performance	Musical Theater Composition	Music Education Instrumental Performance	B.A. Music Composition	Music Education Instrumental Performance	B.A. Music Composition	Audio Engineering Composition Music Production
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For additional information on course offerings go to <https://shedthemusic.com/olchs-music-courses>

### **BASS ENSEMBLE**

MS120  
Grades 9, 10, 11, 12  
2 CREDITS

Music for the Bass Ensemble is oriented toward the tenor and bass vocal range. The course stresses singing the best tenor/bass works available in two- and three-part harmonies. Students are tested periodically to discover changing voices and are assigned to sections accordingly. Students also develop skills in sight-reading and Music theory. Bass Ensemble presents formal concerts, participates in state music contests, and appears before local organizations.

### **TREBLE CHOIR**

MS121  
Grade 9, 10, 11, 12  
2 CREDITS

Music for Treble Choir is oriented toward the soprano and alto voice range. The course stresses singing the best treble works available in two and three-part harmonies. Students are tested periodically to discover changing voices and are assigned to sections accordingly. Students also develop skills in sight-reading and music theory. Treble Choir presents formal concerts, participates in state music contests, and appears before local organizations.

### **CHORALE**

MS130  
Grades 9, 10, 11, 12  
2 CREDITS

Chorale is open, by audition, to male and female students interested in singing in three- to four-part choral harmonies. Students are tested periodically to discover changing voices, and students are assigned to sections accordingly. Students continue to develop more intermediate skills in sight-reading and music theory. Chorale presents formal concerts and participates in state music contests. **(Prerequisite: Audition)**

**BELLA ARMONIA**  
MS230  
Grades 9, 10, 11, 12  
2 CREDITS

Bella Armonia is an auditioned, advanced level ensemble for soprano and alto voices interested in singing three to eight-part literature in the traditional, modern, pop, Broadway, and vocal jazz styles. Students are tested periodically to discover changing voices, and students are assigned to sections accordingly. Students continue to develop advanced skills in sight-singing and music theory. Bella Armonia presents formal concerts, participates in state music contests, and appears before local organizations. **(Prerequisite: Audition)**

**ANCORA MS330**  
**ANCORA HONORS\*** MS475  
**\*SENIORS ONLY**  
Grades 10, 11, 12  
2 CREDITS

Ancora is our top-level choral ensemble for male and female singers. Membership is by audition only. This is an honors level ensemble dedicated to singing more challenging music than that included in the repertoire for Bella Armonia, Chorale, Treble choir, and Bass ensemble. Musicianship skills at an appropriate level will be required for this ensemble. Vocal balance and blend will have a high priority in the composition of the ensemble. Course work is focused around ear training, and Ancora will be frequently tested in quartet singing exams for independence. Ancora presents formal concerts, performs for local organizations and groups as well as sings for various school-related events, and participates in state music auditions and contests. This course offers seniors honors credits. **(Prerequisite: Audition)**

**GUITAR 1**  
MS115  
Grades 9, 10, 11, 12  
1 CREDIT

Guitar 1 is offered to the student who wishes to learn how to play the acoustic guitar for his/her own personal growth. Designed for students who have no previous musical experience, Guitar 1 will focus on teaching the basics of music and guitar playing, including, reading notes and rhythms, notes on the guitar strings, proper finger technique, care and maintenance of the musical instrument, and basic music theory. Formal performances are not required for this class.

**GUITAR 2**  
MS215  
Grades 9, 10, 11, 12  
1 CREDIT

The Guitar 2 course is designed to give students the opportunity to continue their instruction in guitar. Topics that will be covered in this class include reading notes outside of first position, playing scales, extending theory and chordal knowledge, and soloing. In addition to learning topics individually, students in Guitar 2 will play arrangements in a guitar ensemble format. **(Prerequisite: MS115)**

**GUITAR STUDIO**  
MS315  
Grades 10, 11, 12  
2 CREDITS

Guitar Studio is a multi-year performance ensemble for those who have either completed Guitar 1 and 2 or have passed a proficiency exam. The goal of this ensemble is to give students an opportunity to play a varied repertoire of music from the classical, jazz, and pop genres in small and large groups. This class will perform multiple times per semester at school and in the community. **(Prerequisite: MS115 & MS215 or by audition)**

**PERCUSSION ENSEMBLE**  
MS311  
Grades 9, 10, 11, 12  
2 CREDITS

Percussion Ensemble is a full year performance ensemble for all OLCHS percussionists. The goal of this ensemble is to give students an opportunity to perform a variety of music pieces in an ensemble of mixed percussion instruments. During the fall, students in this ensemble will become members of the marching band frontline and drumline. Throughout the rest of the school year, this ensemble will join all of the other OLCHS bands for concerts as well as perform as a separate ensemble. All bands are combined for Marching Band and Pep Band. **(Prerequisite: Having experience playing a percussion instrument in a school-based ensemble or teacher approval)**

**CONCERT BAND**

MS110

Grades 9, 10, 11, 12

2 CREDITS

Concert Band is designed to develop skills and knowledge that will enhance one's understanding and enjoyment of music in an instrumental setting. It is for first and second year high school band students. Instruction in flute, clarinet, bass clarinet, oboe, bassoon, saxophone, trumpet, French horn, trombone, euphonium, tuba, and percussion (drums, mallets, auxiliary) is offered. A reasonable amount of outside school practice is required of all students. Students will be required to participate in a minimum of 3 concerts per year. All bands are combined for Marching Band and Pep Band. **(Prerequisite: Having experience playing a wind instrument in a school-based ensemble or teacher approval)**

**SYMPHONIC BAND**

MS310

Grades 9, 10, 11, 12

2 CREDITS

Symphonic Band stresses intermediate band music and literature, as well as performance fundamentals. The Symphonic Band presents concerts throughout the school year, as well as participates in I.H.S.A. solo and ensemble events and, at the discretion of the director, organizational contest (Large Group), and/or other large group festivals. All bands are combined for Marching Band and Pep Band. **(Prerequisite: Audition)**

**WIND ENSEMBLE (MS546)**

MS546

Grades 9, 10, 11, 12

2 CREDITS

Placement in the Wind Ensemble is based on auditions held at the end of Marching Band by the director. Students selected for the Wind Ensemble are students who display advanced skills and musicianship on their respective instruments, and students who through their performance in the ensemble demonstrate the highest degree of dedication and practice etiquette. The course stresses advanced band literature and music, as well as individual solo and ensemble playing. The Wind Ensemble participates in I.H.S.A. solo and ensemble contests as well as I.H.S.A. organizational (Large Group) contests. The Wind Ensemble performs concerts throughout the year, and, at the discretion of the director, may participate in concert band festivals, music festivals, and/or band clinics and seminars. All bands are combined for Marching Band and Pep Band. **(Prerequisite: Audition)**

**MARCHING BAND IMPORTANT INFORMATION**

The Marching Band is a non-competitive marching band that performs at all home football games as well as parades and other community ceremonies at the discretion of the director. There is a Marching Band camp two weeks prior to school, attendance at which is required for all band students. Members of the Marching Band pay a minimal fee for band camp and are required to purchase specified shoes for the marching season, at a nominal cost. All students can receive a P.E. exemption for participating in Marching Band. The Marching Band is both a highly integral and rewarding part of the band program at Oak Lawn Community High School.

**PIANO 1**

MS140

Grades 9, 10, 11, 12

1 CREDIT

Piano is offered to the student who wishes to learn how to play the piano for his/her own personal growth. Designed for students who have no previous musical experience, Piano 1 will focus on teaching the basics of music and piano playing, including, reading notes and rhythms, notes with both the left and right hand on the keyboard, and proper finger technique. Formal performances are not required for this class.

**PIANO 2**

MS141

Grades 9, 10, 11, 12

1 CREDIT

Piano 2 is offered to the student who has completed Piano 1 and has a desire to continue his/her study of the piano at a more advanced level. Piano 2 will expand beyond the basics of music and piano playing established in Piano 1, focusing on musical concepts such as whole and half steps, major and minor scales containing up to one flat or sharp, key signatures, triads, triplets, and primary chords. Students will be required to perform 2 songs during an in-class recital at the end of the semester. **(Prerequisite: MS140)**

**MUSIC TECHNOLOGY**

MS250

Grades 9, 10, 11, 12

1 CREDIT

Music Technology is a course that gives students the tools that they need to write, perform, record drum beats, bass lines, chords, and melodies to create their own music. Music technology is held in the music technology lab where students will use MIDI controllers and computers to create music in a project-based curriculum.

**HONORS MODERN MUSIC THEORY 1**

MS355

Grades 10, 11, 12

1 CREDIT

Honors Music Theory 1 is a course designed to give students fluency in harmony, rhythm, and ear-training related to modern music. Students will use music notation software, piano keyboards, and drums to play music individually and in small groups. The skills acquired in this class are used by professional musicians and are perfect for students who wish to pursue music at the collegiate level. **(Prerequisite: One credit of an OLCHS Music course)**

**HONORS MODERN MUSIC THEORY 2**

MS455

Grades 10, 11, 12

1 CREDIT

Honors Modern Music Theory 2 is offered to the students who have completed Honors Modern Music Theory 1 and wish to further develop their musical knowledge. This class will focus on how to apply music theory concepts to further improvise melodies in different styles. Students will also learn how to accompany on a chordal instrument.

**(Prerequisite: Honors Music Theory 1)**

**HONORS MUSIC COMPOSITION AND PRODUCTION**

MS255

Grades 10, 11, 12

1 CREDIT

Honors Music Composition and Production combines elements from music theory and music technology into a course that focuses on creating music using a DAW and standard notation. Students will apply music theory concepts to create songs of varying styles to fill specific roles that are found in the music industry. These roles include but are not limited to composing, arranging, and orchestrating for film, commercials scoring and video games. The technical element of the course will go deeper than music technology class and areas of study will include software and hardware synthesis, midi triggering, and advanced recording concepts.

**(Prerequisite: MS355 or department placement)**

**ADVANCED PLACEMENT****MUSIC THEORY**

MS495

Grades 11, 12

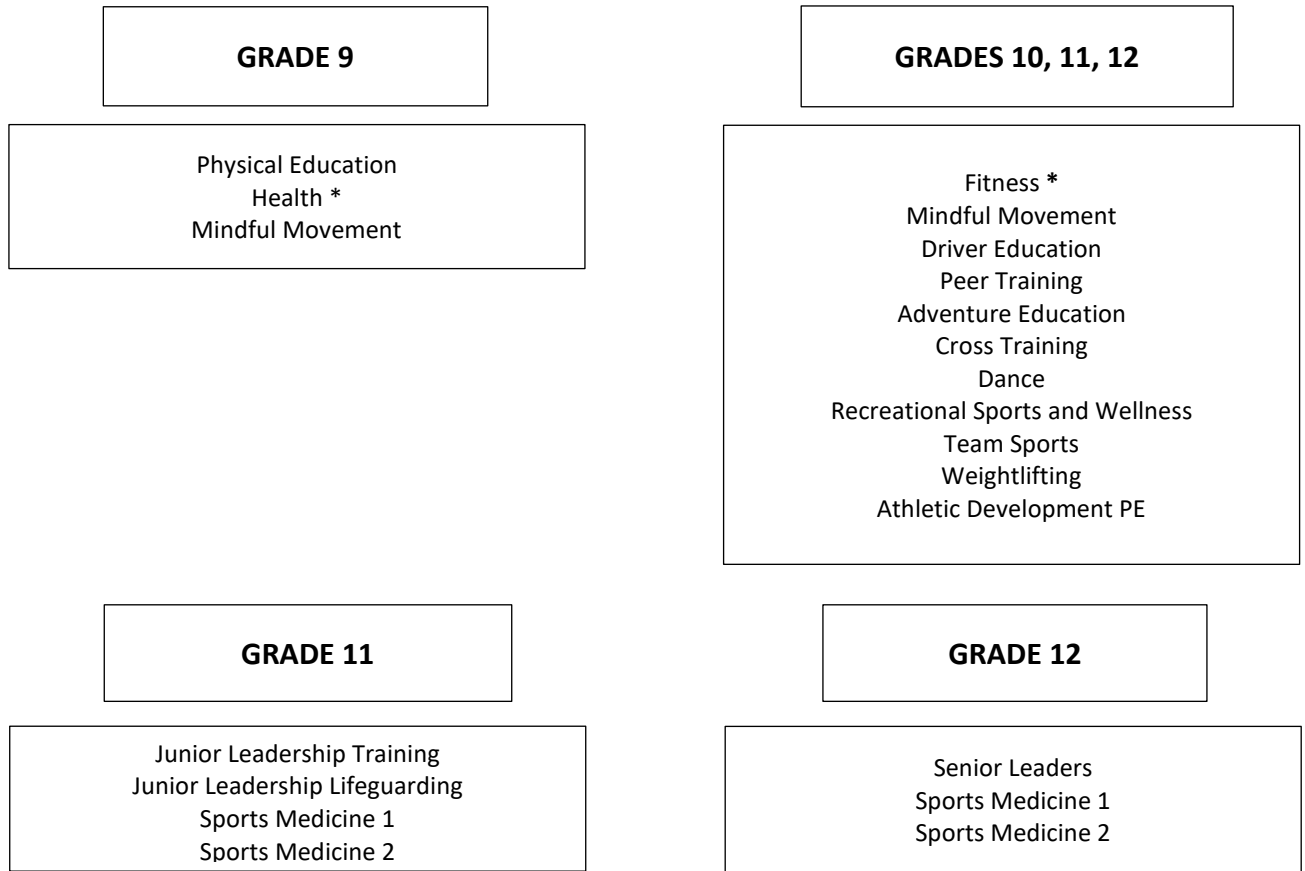
2 CREDITS



A major component of any college music curriculum starts by introducing the first-year student to musicianship and music theory. AP Music Theory is a rigorous, in-depth look into music and how it is put together and structured the same as the first year of college music theory and musicianship. Skills such as musical dictation and other listening skills, sight-singing, keyboard harmony, music literacy, and composition are considered an important part of the AP Music Theory Course. The course will cover topics from basic to advanced fundamentals of both vocal and instrumental music from the Common Practice Period and other periods of Western Music. All AP Music Theory students are expected to have acquired at least basic performance skills in voice or on an instrument. All who take the class are required to take the AP Music Theory Exam at the culmination of the year. **(Prerequisite: MS455 or MS255)**

# PHYSICAL EDUCATION & DRIVERS EDUCATION

## PROGRAM SEQUENCE



\*This course is a graduation requirement. It can be taken in Grade 10, 11 or 12.  
Unless otherwise stated in the course description, Physical Education courses can be repeated.

**PEOPEL**  
PH115  
Grades 9, 10, 11, 12  
1 CREDIT

PEOPEL is part of the total Physical Education Department Program. Physical Education Opportunity Program for Exceptional Learners is designed for students who may benefit more from an individualized and developmental physical education program than regular physical education. Individualized learning is made possible through trained high school peer tutors who work with exceptional students under the guidance and direction of the PEOPEL instructor. PEOPEL provides the opportunity for students to improve at their own pace while working on individual needs. Students may enroll in the PEOPEL program for all required semesters of Physical Education. (**Prerequisite: Department placement**)

**PHYSICAL EDUCATION 1**  
PH130  
Grade 9  
1 CREDIT PER SEMESTER

The goal of the course is to expose each student to a variety of experiences that will serve as a basis for a healthy lifestyle. The course promotes physical, social and emotional development through team building activities, lifetime fitness concepts, swimming, individual and team sports.

**MINDFUL MOVEMENT**

PH200

Grades 9, 10, 11, 12

1 CREDIT PER SEMESTER

This one semester course involves both classroom and lab work. Students will gain an understanding of the theories and techniques of mindfulness, self-care and general wellness. In addition, students will be engaged in physical activities such as adventure education, yoga and fitness training. Students will learn lifelong health and mindfulness skills through this progressive, innovative class.

**NUTRITION AND WELLNESS**

PH220

Grades 10, 11, 12

1 CREDIT PE

1 CREDIT FACS

This interdisciplinary Physical Education (PE) and Family and Consumer Science (FACS) course is designed to help students understand the importance of exercise and healthy eating habits presently and for a lifetime. Students will participate in a wide variety of exercise activities, as well as cook, and prepare healthy and delicious food. This course will enhance students' understanding of their fitness needs and guide them in making wise decisions to improve their health and wellness. Students will analyze and compare healthy food choices, as well as analyze their health risk, fitness levels, nutritional habits, lifestyles, and attitude toward wellness. A personal wellness plan will be developed and implemented by the students during this semester class. The individualized wellness plan accompanied with time spent working hands-on in the laboratory preparing nutritional food will help the students understand how exercise and health behavior management will assist them to attain personal goals. Course may not be repeated.

**HEALTH**

PH240

Grade 9

1 CREDIT

Health Education is a semester course that is required for graduation. The course promotes students to view health as a way of life for the betterment of self, family, and society. This course is aligned with the National Health Education Standards and includes topics such as: Health & Wellness, Mental Health, Substance Awareness, Communicable/Non-Communicable Diseases, Nutrition, Human Reproduction and Healthy Relationships.

**DRIVER EDUCATION**

PH237 1st Semester

PH238 2nd Semester

Grade 10

1 CREDIT

In Driver Education, the student will be trained in a two-phase program. Students will complete thirty (30) clock hours of classroom instruction coupled with six (6) hours of behind the wheel experiences. Students will be expected to obtain an instructional permit from the Secretary of State. There is a nominal fee for this permit. In order to obtain this permit, a student must have his/her social security number before the course begins. Students enrolled in this course will be assessed a fee. **(Prerequisite: Sophomore grade classification and passed at least 8 credits in past 2 semesters)**

**PEER TRAINING**

PH277

Grades 10, 11, 12

1 CREDIT

Peer Training is designed for the 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> grade student who wants to assist in an individualized, developmental physical education program that is designed for students of varying ability levels. The peer-trainer will assist in the class instruction and help aid in the physical development and growth of the students. **(Prerequisite: Application required)**

## **ADVENTURE EDUCATION**

PH331

Grades 10, 11, 12

1 CREDIT

The course focuses primarily on teamwork, problem solving, increasing self-esteem, communication skills, challenge, trust, risk-taking, goal setting and play. Students will be introduced to, and participate in, belaying and basic rock-wall climbing skills in the gym. Other activities include a pool component that focuses on lifesaving skills (self and others), mask-fin and snorkel, and potentially kayaking (based on class interest) during the semester.

## **CROSS TRAINING**

PH332

Grades 10, 11, 12

1 CREDIT

Students will participate in a variety of exercise-based activities customized to their individual health and fitness goals. Information will be presented to help students develop healthy attitudes towards physical activity and healthy lifestyles. Activities include: fitness room workout program, circuit training, powerwalking, yoga, and meditation.

## **DANCE**

PH339

Grades 10, 11, 12

1 CREDIT

This program will introduce students to basic dance steps and rhythmic movements. Students will be introduced to a variety of dance styles and music including line dancing, multicultural dances, social and ballroom dances, aerobics, step aerobics, Zumba, and other dance styles.

## **OFFICIATING**

PH340

Grades 9, 10

1 CREDIT

This course will offer each student the opportunity to become certified to officiate the following sports through the Illinois High School Association in: football, basketball, hockey, badminton and volleyball. Students learn the rules, signals, and techniques involved in officiating. Students take the written tests to learn how to be certified in each of the sports listed above and are also assessed on their officiating skills while refereeing games. Students will also have the option to take the IHSA certification test to become a patched official if they are at least 17 years of age. Students will be in the classroom for 2-3 days and then actively officiating the other 2-3 days of the week. Students must have a whistle or may purchase one from the P.E. department. Students taking this course may have the option to officiate within the local park district. Course may not be repeated.

## **FITNESS**

PH334

Grades 10, 11, 12

1 CREDIT

This course is required for graduation. All students will take this during one semester of either the sophomore, junior or senior year. Students in the Adaptive or Junior Leaders, or Athletic Development PE will meet the requirements for this course. Focus is on the core areas of maintaining a healthy lifestyle. The three components of the course include Fitness Concepts, Swimming, and CPR.

## **RECREATIONAL SPORTS AND WELLNESS**

PH335

Grades 10, 11, 12

1 CREDIT

Students will be exposed to a variety of alternative and traditional recreational activities. Activities may include bowling, golf, archery, badminton, volleyball, tennis, pickleball, softball, floor hockey, and corn hole (bags). Please note that the bowling unit will take place off campus.

## **SPORTS MEDICINE 1**

PH336

Grades 11, 12

1 CREDIT

This one semester course is an introduction to the field of sports medicine. Sports medicine is a medical specialty dealing with the prevention, care, and rehabilitation of athletic injuries. Students will learn basic medical terminology, fundamental human anatomy and physiology, signs/symptoms of common injuries, first aid care for athletic injuries, and taping/wrapping techniques for athletic injuries. This course will help to reinforce those prospective students who may be interested in medical or paramedical careers. Course may not be repeated. **(Prerequisite: Department placement)**

**SPORTS MEDICINE 2**

PH436

Grades 11, 12

1 CREDIT

Sports Medicine 2 is a course that reinforces the principles of athletic training such as anatomy of the body, recognition, evaluation and prevention of athletic injuries. This course will also focus more on the assessment, treatment and rehabilitative aspects of athletic injuries. This course will help to reinforce those prospective students who may be interested in medical or paramedical careers. Course may not be repeated. Additional hours of work outside of classroom time may be required. **(Prerequisite: PH366)**

**TEAM SPORTS**

PH337

Grades 10, 11, 12

1 CREDIT

The goal of this course is to expose each student to a variety of team game experiences. The course promotes physical, social and emotional development through a variety of activities which may include the following: flag football, basketball, volleyball, softball, soccer, hockey, and badminton. This course will allow the students to improve sport-related skills while actively participating in a team atmosphere.

**WEIGHTLIFTING**

PH338

Grades 10, 11, 12

1 CREDIT

This course will involve both classroom and lab work. Students will gain an understanding of the theories, techniques, and progressions involved in muscular strength and endurance training. Students will be able to develop an individualized training program that includes the use of free weights, weight machines, plyometric equipment and jump-training equipment.

**JUNIOR LEADERSHIP TRAINING**

PH376

Grade 11

1 CREDIT

The Junior Leadership Training course is a one-semester class for 11th grade students who have been recommended by their 10th grade PE teacher(s). This class is the first component in the Leadership Training Series and is required to become a part of the Senior Leadership program. The Junior Leadership Training course is designed to train students to assist teachers during their PE classes. Focus is on leading warm-ups, managing equipment, assisting students with special needs, and officiating small games. Students who successfully complete this course will be obligated to serve in the Senior Leaders program for at least one semester. Course may not be repeated. This course, when taken with Junior Leadership Lifeguarding, will meet the fitness credit requirement. **(Prerequisite: Department placement)**

**JUNIOR LEADERSHIP LIFEGUARDING**

PH375

Grade 11

1 CREDIT

The Lifeguard Training course is a one-semester class for 11th grade students who have been recommended by their 10th grade PE teacher(s). This class is the second component in the Leadership Training Series and is required to become a part of the Senior Leadership Program. This course is designed to train students in water safety and prevention, water rescues, first aid, and CPR. Students who complete this course will be eligible to become certified in Lifeguarding. Students who become Lifeguard certified through this program will be required to serve as a lifeguard (when needed) through the senior leaders program for a minimum of one semester. Course may not be repeated. This course, when taken with Junior Leadership Training, will meet the fitness credit requirement. **(Prerequisite: Department placement)**

**SENIOR LEADERS**

PH475 1st Semester

PH476 2nd Semester

Grade 12

1 CREDIT

Senior Leaders is a one-semester course open to those who have passed Junior Leadership Training and Junior Leadership Lifeguarding with a minimum "B" average for both courses. Senior Leaders will assist teachers in the implementation of Physical Education classes. Senior Leaders must serve for at least one semester. Excessive violation of the discipline code and/or course expectations will result in removal from the Senior Leaders program. **(Prerequisite: PH375 and PH376)**

**ATHLETIC DEVELOPMENT PE**

PH500

Grades 10, 11, 12

1 CREDIT

This course is designed to focus on technical and tactical skill development specifically related to interscholastic sports. This is a one semester course that will require the approval signature from any of our athletic program head coaches. This course is designed for 10th, 11th, and 12th grade students. Units for this course will include core strength development, speed/agility/endurance build-up, sport-specific technical and tactical skill development, and meeting the demands of being a high school athlete. This course will meet the fitness credit requirement. **(Prerequisite: This course will require the signature of a program head coach in order to schedule)**

## SCIENCE DEPARTMENT PROGRAM SEQUENCE

Graduation Requirement includes 4 credits of Science: 2 credits of Biological Science and 2 credits of Physical Science

Freshman	Sophomore	Junior	Senior
Biology RS	Physical Science	Zoology Environmental Science Chemistry	Chemistry Physics Concurrent Science Electives: (based on career paths)
Biology	Chemistry	Physics Concurrent Science Electives: (based on career paths)	Concurrent Science Electives (based on career paths)
Biology Honors	Chemistry Honors	Physics Honors Concurrent Science Electives: (based on career paths)	Concurrent Science Electives: (based on career paths)

### Illinois State Board of Education - College and Career Pathway - Science

Health Sciences and Technology Pathway	
Careers	Science Electives
<i>Athletic Trainer, Dentist, Dental Assistant, Dental Hygienist, Medical Doctor, Medical Technician, Nurse, Paramedic, Pharmacist, Pharmacy Technician, Physical Therapist, Occupational Therapist, Radiation Therapist, Radiologist, Veterinarian, Veterinarian Technician, Wildlife Biologist</i>	Advanced Placement Biology (11,12) (2 credits) Advanced Placement Chemistry (11,12) (2 Credits) Advanced Placement Environmental Science (10,11,12) (2 Credits) Advanced Placement Physics 1 (11,12) (2 Credits) Applied Physics (12) (1 Credit) Advanced Biology- <i>Gene Technology &amp; Forensic Science</i> (11,12) (1 credit) Anatomy and Physiology- <i>Chemical Systems</i> (11,12) (1 Credit) Anatomy and Physiology- <i>Physical Systems</i> (11,12) (1 Credit) Environmental Science (11,12) (1 Credit) Introduction to Advanced Chemistry (11,12) (1 Credit) Zoology (11,12) (1 Credit)
Human and Public Safety/Services Pathway	
Careers	Science Electives
<i>Armed Forces, Border Patrol Agent, Case Worker, Child Advocate, Crisis Support Worker, Community Service Officer, Cosmetologist, Fire Fighter, Health Education Specialist, Paramedic, Park Ranger, Police Officer, Rehabilitation Counselor, Security, Social and Community Service Management, Social Worker, Substance Abuse Counselor, Teacher</i>	Advanced Placement Biology (11,12) (2 credits) Advanced Placement Chemistry (11,12) (2 Credits) Advanced Placement Environmental Science (10,11,12) (2 Credits) Applied Physics (12) (1 Credit) Advanced Biology- <i>Gene Technology &amp; Forensic Science</i> (11,12) (1 credit) Anatomy and Physiology (Chemical Systems) (11,12) (1 Credit) Anatomy and Physiology (Physical Systems) (11,12) (1 Credit) Environmental Science (11,12) (1 Credit) Introduction to Advanced Chemistry (11,12) (1 Credit) Zoology (11,12) (1 Credit)
Manufacturing, Engineering, Technology, and Trades Pathway	
Careers	Science Electives
<i>Architect, Auto Mechanic, Building Inspector, Carpenter, Civil Engineer, Construction, Construction Manager, Diesel Technician, Drafter, Electrician, Fork Truck Operator, GIS Specialist, Heavy Equipment Operator, Landscape Architect, Machinist, Plumber, Solar Energy Technician, Stationary Engineer, Welder</i>	Advanced Placement Environmental Science (10,11,12) (2 Credits) Applied Physics (12) (1 Credit) Advanced Placement Physics 1 (11,12) (2 Credits) Advanced Placement Physics C - <i>Mechanics</i> (11,12) (2 Credits) Advanced Biology- <i>Gene Technology &amp; Forensic Science</i> (11,12) (1 credit) Environmental Science (11,12) (1 Credit) Introduction to Advanced Chemistry (11,12) (1 Credit) Zoology (11,12) (1 Credit)

**BIOLOGY RS (Reading Support)**

SN102  
Grade 9  
2 CREDITS

Biology RS is a laboratory science course specifically designed to support students who are working to strengthen reading comprehension skills in the science classroom. The content of this course is consistent with High School Biology curriculum and is delivered in a highly supported and engaging manner, utilizing direct instruction methods and accommodations which promote lecture note-taking skills, laboratory experimentation, collection-organization-interpretation of data, use of technology in the science classroom, and cooperative learning. **(Prerequisite: Department placement)**

**BIOLOGY**

SN130  
Grade 9  
2 CREDITS

This is a laboratory course in which the methods of scientific inquiry are used to study the basic concepts of unity, diversity, continuity, and interaction of living things. Critical observations, accurate recording of data, and interpretation of data are important skills that are the focus of the laboratory work. Emphasis is placed on the ability to understand life functions, heredity, and relationships with the environment. **(Prerequisite: Department placement)**

**BIOLOGY HONORS**

SN175  
Grade 9  
2 CREDITS

Students entering as freshmen are selected for this course based on entrance exam scores and previous science teacher recommendations. This is a lab course that stresses the molecular principles of life. Lab activities focus on experimental design, data collection and analysis, and the clear communication of these findings. Students are expected to support their positions when communicating results. Students are also expected to work effectively with other students in a cooperative group structure. **(Prerequisite: Department placement)**

**PHYSICAL SCIENCE**

SN202  
Grade 10  
2 CREDITS

Physical Science is designed as a bridge course for students who are working to strengthen necessary Mathematics and/or reading comprehension skills before enrolling in Chemistry, Physics, or other science electives. This laboratory activity course is delivered in a highly engaging manner, utilizing direct instruction methods and accommodations which promote lecture note-taking skills, laboratory experimentation, collection-organization-interpretation of data, use of technology in the science classroom, and cooperative learning. **(Prerequisite: SN102 or Department placement)**

**CHEMISTRY**

SN230  
Grades 10, 11  
2 CREDITS

This is a laboratory course that introduces the basic concepts of chemistry from a quantitative perspective. The scientific method is used to develop the central theories in chemistry such as the mole concept, the atomic theory, naming compounds, balancing equations, stoichiometry, periodicity, simple acid-base theory, and bonding principles. It is designed to enable students to develop critical thinking skills through experimental analysis and synthesis in order to become a scientifically literate citizen; Calculator required. **(Prerequisite: MH130 and SN130, or minimum grade of "C" in both semesters of SN102 and SN202)**

**CHEMISTRY HONORS**

SN275  
Grade 10  
2 CREDITS

Chemistry Honors is a college preparatory course designed to challenge and stimulate above average sophomores who have successfully completed Algebra Honors & Biology Honors. The scientific method is used in conjunction with the inquiry approach. This method allows for the "discovery" of basic Chemistry principles through experimentation and data analysis. A calculator is required. **(Prerequisite: A minimum grade of "C" in both SN175 and MH175, or a minimum grade of "C" in SN175 with a "B" in MH130. Alternately, a minimum grade of "B" in SN130 with concurrent enrollment in MH275)**

**PHYSICS**

SN340

Grades 11, 12

2 CREDITS

Physics is a laboratory course that introduces the student to basic physical principles. Emphasis is placed on conceptual fundamentals as well as mathematical application. The content ranges from wave motion to electricity, mechanics, and forces. The course is recommended to all students planning to pursue college after high school; Scientific calculator required. **(Prerequisite: SN230 and completion or concurrent enrollment in MH330)**

**PHYSICS HONORS**

SN375

Grades 11, 12

2 CREDITS

Physics Honors is a laboratory course for students with strong mathematical and science background. The course introduces the student to basic physical principles; emphasis is placed on conceptual fundamentals as well as mathematical application in greater depth than SN340. The content includes wave motion, electricity, mechanics, and forces; Scientific calculator required. **(Prerequisite: A minimum grade of "C" in SN275 and MH275 or a minimum grade of "B" in MH230 with concurrent enrollment in MH330 or MH376)**

**INTRODUCTION TO  
ADVANCED CHEMISTRY**

SN335

Grades 11, 12

1 CREDIT

Introduction to Advanced Chemistry is a second year, one semester course that introduces and expands upon concepts that are not covered in the first year Chemistry course. Its purpose is to prepare students to perform better at the college level. Organic chemistry, as well as thermodynamics, acid base equilibrium principles and qualitative analysis are introduced. A calculator is required. **(Prerequisite: Completion of, or concurrent enrollment in SN340 or SN375)**

**ANATOMY AND PHYSIOLOGY  
(PHYSICAL SYSTEMS)**

SN345

Grades 11, 12

1 CREDIT

Anatomy and Physiology (Physical Systems) is designed for students considering pursuing a career in the health profession. Techniques, concepts, and vocabulary of anatomy and physiology are developed. Students in this course will concentrate on histology, the skeletal system, the muscular system, the cardiovascular system, the respiratory system, the digestive system, and pathology. Students are required to develop and apply appropriate laboratory techniques, including microscopy and dissection. This course is a prerequisite for the CNA and EMT programs. **(Prerequisite: Completion of, or concurrent enrollment in SN340 or SN375)**

**ANATOMY AND PHYSIOLOGY  
(CHEMICAL SYSTEMS)**

SN346

Grades 11, 12

1 CREDIT

Anatomy and Physiology (Chemical Systems) is designed for students considering pursuing a career in the health profession. Techniques, concepts, and vocabulary of anatomy and physiology are developed. Students in this course will concentrate on the nervous system, the special senses, the endocrine system, the lymphatic system, the urinary system, and pathology. **(Prerequisite: Completion of, or concurrent enrollment in SN340, or SN375)**

**ADVANCED BIOLOGY: GENE  
TECHNOLOGY & FORENSIC SCIENCE**

SN347

Grades 11, 12

1 CREDIT

This is a semester laboratory course where students will be exposed to gene technology procedures that have been used in the biological field over the last 30 years. Students will examine how gene variation has developed in populations and the moral and ethical issues surrounding the use of gene technology in our society. Students will be introduced to the components of Forensic Science and how it is applied to crime scene investigations. **(Prerequisite: Completion of or concurrent enrollment in SN340 or SN375)**

**APPLIED PHYSICS**

SN440

Grade 12

1 CREDIT

Applied Physics is a project-based course for students interested in technical fields and engineering aspects of the skilled trades. This course is designed for the student who desires a broad understanding physics as it relates directly to designing/engineering solutions for real world challenges and who would benefit from additional opportunity to enhance their problem-solving skills for careers such as Architecture, Construction, Engineering, Skilled Trades Consultation/Quality Control, and the Armed Forces.

Students enrolling in this course will study thermodynamics, fluid mechanics, and principals of modern physics where lab activities and assessments are hands-on, project based, and performance driven. Laboratory activities *may* include "Walking on Water"; "Green Energy Generation"; "Build Your Own Cooler"; "Mindstorms Robotics"; "Cyborg Cockroach"; "Build Your Own Telescope"; Extracurricular Saturday Field Trips: *iFly*, Naperville; *Accelerate Indoor Speedway*, Mokena. Students taking Applied Physics should be highly interested and motivated to construct working models, demonstrate creative thinking, and "engineer" solutions to real-world challenges. Calculator is required. **(Prerequisite: SN340)**

**ENVIRONMENTAL SCIENCE**

SN300

Grades 11, 12

1 CREDIT

This course is for students who are interested in learning about environmental issues challenging the earth. Topics covered include ecosystems, overpopulation, erosion, water pollution, eutrophication, toxic chemicals, air pollution, acid rain, greenhouse effect, impact of pesticide use, and alternative energy sources. The students will participate in the OLCHS recycling program and may play a role in building-wide energy use decisions. Discussion, activities, presentation, model-building, and projects are used to present the material and assessment for mastery of Learning Targets. **(Prerequisite: Completion of SN202, SN230 or SN275)**

**ZOOLOGY**

SN310

Grades 11, 12

1 CREDIT

Zoology is a laboratory course that introduces students to the diverse animal kingdom. Through experimentation, laboratory investigation, and research, students will make a detailed examination of selected animal phyla. Students in this course will concentrate on the foundation of zoology, invertebrate phyla, and vertebrate phyla. Animal dissection will be part of the laboratory portion. **(Prerequisite: Completion of SN202, SN230 or SN275)**

**ADVANCED PLACEMENT BIOLOGY**

SN495

Grades 11, 12

2 CREDITS



Advanced Placement Biology Honors includes those topics and labs covered in the course requirement of the College Board Advanced Placement Program. All students are required to take the Advanced Placement Examination in Biology. Excellent achievement on this test can earn either advanced placement in college and/or the awarding of college credit. **(Prerequisite: Minimum grade of "B" in both semesters of SN175, SN275, and SN375 or concurrent enrollment in SN375)**

**ADVANCED PLACEMENT CHEMISTRY**

SN497

Grades 11, 12

2 CREDITS

AP

The AP Chemistry course provides students with a college-level foundation to support future advanced course work in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Created by the AP Chemistry Development Committee, the course curriculum is compatible with many Chemistry courses in colleges and universities. All students are required to take the Advanced Placement Examination in Chemistry. Excellent achievement on this test can earn either advanced placement in college and/or the awarding of college credit. **(Prerequisite: Minimum grade of “B” in both semesters of SN175, SN275 and SN375 or concurrent enrollment in SN375)**

**ADVANCED PLACEMENT PHYSICS 1**

SN475

Grade 12

2 CREDITS

AP

AP Physics 1 is a college-level course for students with strong physics/STEM career interest and who possess strong mathematical and science background. AP Physics 1 is equivalent to a first-semester college course in algebra-based physics and will cover Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound; and electrical circuits. Students will be expected to participate in the Advanced Placement Examination held at the conclusion of Semester II. The outcome of scoring well on the AP Exam may result in college credit or advanced placement in an undergraduate program. **(Prerequisite: Successful completion of SN340 or SN375. A minimum grade of “C” in SN375 or “B” in SN340 is recommended.)**

**ADVANCED PLACEMENT  
PHYSICS C: MECHANICS**

SN496

Grade 12

2 CREDITS

AP

Students will increase their understanding of the physical world through the study of motion, work, force, energies, energy transfer, and atomic structure. This course follows the College Board’s Advanced Placement curriculum and as such is rigorous and fast paced. All students are required to take the Advanced Placement Examination in Physics C. Students may receive college credit in Physics by qualifying for an examination administered by the College Entrance Examination Board. **(Prerequisite: Minimum grade of “B” in Physics Honors (SN375), Pre-Calculus Honors (MH380), and concurrent enrollment in AP Calculus (MH495)**

**AP ENVIRONMENTAL SCIENCE**

SN305

Grade 10, 11, 12

2 CREDITS

AP

AP Environmental Science is a two-semester course designed by the College Board to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, identify, and analyze environmental problems (both natural and human made), evaluate the relative risks associated with the problems, and examine alternative solutions for resolving and/or preventing them. Topics covered include science as a process, ecological processes and energy conversions, earth as an interconnected system, the impact of humans on natural systems, cultural and societal contexts of environmental problems, and the development of practices that will ensure sustainable systems. **(Prerequisite: Minimum grade of “B” in both semesters of SN130 and MH130, and Minimum grade of “B” in both semesters of SN230 and MH230, and minimum grade of “C” or better in SN340 or concurrent enrollment in SN340. Grade 10 Prerequisites: Minimum grade of “A” in both semesters of SN175 w/Biology Honors teacher recommendation, concurrent enrollment in SN275.)**

## SOCIAL STUDIES DEPARTMENT PROGRAM SEQUENCE

\*Required courses (BOLD) 5 credits

Careers	Freshman	Sophomore	Junior	Senior
<b>Architect / Geographer</b>	AP Human Geography	<b>WH I &amp; WH II</b> AP World History	<b>USH</b> APUSH Economics	<b>Government</b> AP Government History of Chicago
<b>Business / Finance</b>	Geography AP Human Geography	<b>WH I &amp; WH II</b> AP World History	<b>USH</b> APUSH Sociology	<b>Government</b> AP Microeconomics AP Macroeconomics Psychology
<b>Curator / Historian</b>	AP Human Geography	AP World History	<b>USH</b> APUSH	<b>Government</b> AP Government History of Chicago
<b>Law Enforcement (Lawyer, Profiler)</b>	Geography	<b>WH I &amp; WH II</b>	<b>USH</b> Sociology Psychology	<b>Government</b> Law in American Society
<b>Political Scientist (Politician)</b>	Geography	<b>WH I &amp; WH II</b>	<b>USH</b> Law in American Society Sociology	<b>Government</b> History of Chicago
<b>Psychologist</b>	Geography	<b>WH I &amp; WH II</b>	<b>USH</b> Sociology	<b>Government</b> AP Psychology History of Latin America
<b>Social Studies Teacher</b>	Geography AP Human Geography	<b>WH I &amp; WH II</b> AP World History	<b>USH</b> Sociology Economics APUSH History of Chicago	<b>Government</b> History of Chicago AP Government Psychology
<b>Social Worker</b>	Geography	<b>WH I &amp; WH II</b>	<b>USH</b> Sociology	<b>Government</b> Psychology History of Latin America
<b>Sociologist</b>	Geography	<b>WH I &amp; WH II</b>	<b>USH</b> Sociology	<b>Government</b> Psychology
<b>Trades</b>	Geography	<b>WH I &amp; WH II</b>	<b>USH</b> History of Chicago	<b>Government</b> Economics

### WORLD HISTORY I

SC145

Grades 9, 10, 11, 12

1 CREDIT

This semester course covers broadly, chronologically, and topically the chief features of civilizations from ancient times to 1750. These include Mesopotamia, Egypt, Greece, Rome, Islamic Empires, European kingdoms, and the civilizations of the New World. The historical development of European civilizations is emphasized. Core material is organized around a textbook; however, supplemental reading is required. Students will develop literacy skills through extensive reading and writing activities and project-based learning. It is recommended, but not required, that students take this in 9th or 10th grade.

### WORLD HISTORY II

SC150

Grades 9, 10, 11, 12

1 CREDIT

This semester course covers broadly, chronologically, and topically the chief features of civilizations from 1750 to the present. Major concepts include Enlightenment thinkers, the French Revolution, Imperialism, World War I, World War II and the Holocaust, the Cold War, and the interconnectedness of the modern world. Core material is organized around a textbook; however, supplemental reading is required. Students will develop literacy skills through extensive reading and writing activities and project-based learning. It is recommended, but not required, that students take this in 9th or 10th grade. **(Prerequisite: SC145)**

## **GEOGRAPHY**

SC235

Grades 9, 10, 11, 12

1 CREDIT

Can you name every state that borders the state of Illinois? Did you know North America produces 80% of the world's agricultural products? Would you like to know why the average child in Africa can speak more than four languages without a formal education? You will learn the answers to these questions and more in this one-semester course dedicated to the study of global issues, such as conflicts, natural resources, developing world countries, population demographics, and international relations. This course is recommended for all college-bound students.

## **ADVANCED PLACEMENT**

### **HUMAN GEOGRAPHY**

SC195

Grades 9, 10, 11, 12

1 CREDIT

AP

The Advanced Placement Human Geography Course introduces students to the systematic study of the patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools that geographers use in their research and applications. All students are required to take the Advanced Placement Examination in Human Geography. This course is recommended for all AP World History students as well as all college-bound students.

## **ADVANCED PLACEMENT**

### **WORLD HISTORY**

SC290

Grade 10

2 CREDITS

AP

This year-long course has students examining the world's development and human interactions from a global perspective. The approach is both chronological and regional, with emphasis on the most recent thousand years of history through regional comparisons across time. Students must have department recommendation to enroll in this course. All students are required to take the Advanced Placement Examination in World History. **(Prerequisite: A minimum grade of "B" in both semesters of EG175 or department placement)**

## **UNITED STATES HISTORY**

SC330

Grades 11, 12

2 CREDITS

Understanding United States history is vital to the development of future participants in a democratic society. United States History provides students the opportunity to build upon their prior knowledge about the history of our country while simultaneously developing critical historical thinking skills, including the use of documents to support arguments and positions. This course will help students make connections between their world and the rich heritage of United States history through the study of essential questions throughout the historical eras and/or major themes. It is recommended, but not required, that World History I and II and a history course be taken prior to taking this course.

## **ADVANCED PLACEMENT**

### **UNITED STATES HISTORY**

SC385

Grade 11

2 CREDITS

AP

The Advanced Placement United States History program provides an accelerated United States History course for academically-able students, which incorporates college-level materials, assignments, and assessments in order to enrich, stimulate, and challenge the superior student. According to the College Board, enrollment in Advanced Placement classes is the single biggest indicator of future college success. AP US History integrates political, social, economic, cultural, environmental, technological, and international history in order to include the experiences of a multi-cultural America while connecting events and issues from the past to the concerns of the present. Placement is selective and is based on past grades in prerequisite courses. All students are required to take the Advanced Placement Examination in United States History in May. It is recommended, but not required, that students be concurrently enrolled in an honors English course. **(Prerequisite: "B" or better in SC290 or department placement)**

## GOVERNMENT & POLITICS

SC331

Grades 11, 12

1 CREDIT

When are police allowed legally to search you? Why is the President of the United States considered the “leader of the free world”? Why does everyone talk about the 10th Amendment when they talk about states’ rights? Why do many Americans think their vote for the President doesn’t count? These questions and, more importantly, the answers are essential to understanding American government. In this one-semester course you will analyze and come to understand how the role of the media, special interest groups, political parties, lobbyists, Congress, the office of the President, and the federal and state courts shape U.S. domestic and foreign policy. Students will utilize this knowledge to form an understanding of their roles as citizens in relationship to their government. Critical thinking skills will be developed as students learn to identify, describe, interpret, and evaluate information on the three levels of government and their relationship with the states. All students are required to pass the U.S. Constitution test to receive credit for this course. It is recommended, but not required, that World History I and II and a U.S. History course be taken prior to taking this course.

## ADVANCED PLACEMENT GOVERNMENT AND POLITICS

SC390

Grade 12

1 CREDIT



Students will develop the knowledge and analytical skills needed to evaluate contemporary American government. Students study political scientists’ theories about the Congress, the Presidency, and the Judiciary. Students analyze some principal areas of public policy, such as economics, foreign affairs, defense, and warfare. All students are required to take the Advanced Placement Examination in Government and Politics. Current affairs and active government participation are stressed.

**(Prerequisite: “B” or better in SC385 or department placement)**

## SOCIOLOGY

SC341

Grades 11, 12

1 CREDIT

Sociology enables you to see the world in a new light. In a country like the United States where individualism is celebrated, it is very easy to forget that the way we behave and feel is socially produced. Whether they be friendships, families, religious groups, or socio-economic classes, much of our lives are socially constructed. This is the basic premise of sociology. Sociology’s emphasis is on societies and groups within society rather than on individuals. In this class you will examine the ways in which the forms of social structure--groups, organizations, communities, social categories (such as class, sex, age, or race), and various social institutions (such as family, economic, political, or religious) --affect human attitudes, actions, and opportunities.

## ECONOMICS

SC342

Grades 11, 12

1 CREDIT

Economics is often referred to as the Dismal Science. This is because society has seemingly unlimited needs, yet society exists in a world of limited resources. Economics is the study of how societies deal with this inconsistency. In this course students will focus on key subjects including examinations of how markets work, the interaction of business, labor and government in the economy, investments in the stock and bond markets, how the money supply is managed, how a bank operates, and the increasing globalization of the world economy. The core of the material is organized around a textbook; however, extensive supplemental reading and analysis is required in order to facilitate the students’ development of critical thinking skills.

**PSYCHOLOGY**

SC345

Grades 11, 12

1 CREDIT

Psychology is the study of human behavior. Students will focus on such issues as value systems, neurology, learning theory, psychological disorders, communications, relationships, and happiness. Each of these topics is presented utilizing a modular learning format that promotes a comprehensive presentation of each issue. Students are required to complete current journal reviews as well as a self-examination project: the 'ME' booklet.

**ADVANCED PLACEMENT PSYCHOLOGY**

SC395

Grades 11, 12

1 CREDIT



Advanced Placement Psychology is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. All students are required to take the Advanced Placement Examination in Psychology in May.

**HISTORY OF CHICAGO**

SC347

Grades 11, 12

1 CREDIT

Get ready for a hands-on, exciting class that will take you on a trip to one of the coolest cities ever: Chicago! We'll explore its rich history with an actual field trip to see it all firsthand. Learn about Chicago's early days, how it grew into a major city, the making of neighborhoods, epic disasters and triumphs, iconic architecture, legendary sports teams, infamous gangsters and scandals, suburban expansion, social issues, and the political drama that shaped modern Chicago. Plus, you'll team up with classmates on group projects and present individual research to the class. Reading and analyzing documents is a major component of this history class. **(Prerequisite: a grade of "C" or higher in SC145 and SC150)**

**LAW IN AMERICAN SOCIETY**

SC350

Grades 11, 12

1 CREDIT

Are you a fan of the Law and Order series on television? Do you see yourself as a future police officer, federal agent, or even an attorney arguing in a courtroom, "Objection, your honor!?" This course provides you with an opportunity not only to better your understanding of the history and terminology of our legal system, but also an opportunity to argue a case in a real courtroom. The highlight of this semester course is a field trip downtown to the Dirksen Federal Building where you will observe federal criminal and civil trials and also participate in a live mock trial. You can be the judge, jury, prosecutor, or even defendant in this trial. This course will focus on the four main categories of law: Introduction to Law, Criminal, Civil (Tort), and Constitutional Law.

**ADVANCED PLACEMENT  
MICROECONOMICS**

SC396

Grades 10, 11, 12

1 CREDIT

AP

In order to understand how the national or global economy works, one must have a solid framework of economic knowledge to build upon for that study. This is the study of microeconomics. The primary goal of this one semester course is to provide students with a basic understanding of how the economy operates at the level of the firm and the household. Major topics include the interaction of supply and demand, market externalities, market organization including monopolies, oligopolies and perfect completion, the effects of taxation of markets and the theory of consumer choice. All students are required to take the Advanced Placement Examination in Microeconomics in May. This class meets the Consumer Education graduation requirement. **(Prerequisite: For sophomores: minimum grade of "B" in both semesters of EG175/For juniors & seniors: "B" or better in SC290 or SC385)**

**ADVANCED PLACEMENT  
MACROECONOMICS**

SC397

Grades 11, 12

1 CREDIT

AP

This one semester course will focus on the major issues of the national and global economy. Major topics include the measurement of key economic variables including gross domestic product, inflation and unemployment. The role of government intervention in the economy will be examined with special emphasis on fiscal policy and monetary policy and international trade agreements and their effects. The course will center around the aggregate supply and demand model and analysis of how government and free market policies affect the key variables measured in this model and its derivative models. All students are required to take the Advanced Placement Examination in Macroeconomics in May. **(Prerequisite: "B" or better in SC290 or SC385)**

**HISTORY OF LATIN AMERICA**

SC355

Grades 11, 12

1 CREDIT

***\*DUAL CREDIT***

This one-semester course will explore the significant political, economic and social developments in the history of Latin America. We will examine concepts such as violence, race, slavery, religion, poverty, governance and revolution, and how these social processes have shaped the lives of Latin Americans. Above all, we will examine the diverse perspectives and cultures as they relate to the individual, regional or global community. 3 hours of dual credit from Moraine Valley Community College can be earned with a grade of "C" or better. **(Prerequisite: A minimum grade of "C" or better in both semesters of SC145 and SC150)**

## WORLD LANGUAGES PROGRAM SEQUENCE

### ARABIC SEQUENCE

#### Regular

Arabic 1  
Arabic 2  
Arabic 3  
Arabic 4

#### Heritage

Arabic for Heritage Speakers 1  
or Arabic for Heritage Speakers 1 Honors  
Arabic for Heritage Speakers 2  
or Arabic for Heritage Speakers 2 Honors

#### Honors

Arabic for Heritage Speakers 1 Honors  
Arabic for Heritage Speakers 2 Honors  
Arabic 3 Honors  
Arabic 4 Honors

### FRENCH SEQUENCE

French 1  
French 2  
French 3 or French 3 Honors  
French 4 or French 4 Honors

### SPANISH SEQUENCE

#### Regular

Spanish 1  
Spanish 2  
Spanish 3  
Spanish 4  
Spanish 5

#### Heritage

Spanish for Heritage Speakers 1  
or Spanish for Heritage Speakers 1 Honors  
Spanish for Heritage Speakers 2  
or Spanish for Heritage Speakers 2 Honors

#### Honors

Spanish 2 Honors  
Spanish 3 Honors  
Spanish 4 Honors  
<sup>1</sup>AP Spanish Language and Culture  
<sup>1</sup>AP Spanish Literature and Culture

<sup>1</sup>AP Exam required for course credit

All World Language courses are electives designed to meet college entrance and program requirements. It is suggested that college-bound students register for two years of a language to meet minimal college entrance requirements.

During registration/course selection, any student may request to take a placement test if a higher level is desired.

#### **MISSION**

The program is designed to equip students with the skills to acquire language proficiency, cultural competency, and appreciation in order to create global citizens.

#### **VISION**

A student who completes a World Language program will display a level of proficiency appropriate for communication in authentic, real-world situations beyond the classroom.

**ARABIC 1**  
FG150  
Grades 9, 10, 11, 12  
2 CREDITS

This class is an introductory course in which students explore the Arabic language through hands-on activities related to arts, music, and cultural traditions. The course introduces students to the Arabic writing systems including letters and sounds. Additionally, the course develops basic oral proficiency related to themes, such as introductions, family, friends, school, and leisure activities. In addition, students will gain knowledge of Arab cultures and geography.

يعتبر صف العربية ١ مقدمة عن اللغة والثقافة العربية حيث يتعرف الطلاب على اللغة العربية من خلال نشاطات متعددة تتعلق بالفنون والموسيقى والثقافة والتقاليد العربية. كما يركز هذا الصف على تعليم الطلاب القراءة والكتابة بالعربية حيث يتعلمون الحروف و المقاطع والأصوات العربية أولاً ثم يتعلمون قراءة الكلمات والجمل البسيطة بعد ذلك. كما ينمي الصف مهارات الاستماع والكلام لدى الطلاب بحيث يكون لديهم القدرات اللغوية لتقديم انفسهم وعائلاتهم واصدقائهم ونشاطاتهم المدرسية بالعربية. كما يعرف الطلاب عن الثقافات العربية وجغرافيا الوطن العربي.

**ARABIC 2**  
FG250  
Grades 9, 10, 11, 12  
2 CREDITS

This class is a continuation of Arabic I. The course is designed to further develop students oral and written Arabic skills via hands-on activities related to family, food, weather, clothes, arts, and cultural celebrations. In addition, students will further their knowledge of the cultures and geography of the 22 Arabic-speaking countries. **(Prerequisite: FG150, FG151 or department placement)**

يطور صف العربية ٢ المهارات اللغوية التي تعلمها الطلاب في صف العربية ١ حيث ينمي مهارات الطلاب الشفوية والكتابية من خلال نشاطات تعليمية متعددة تتعلق بالعائلة والطعام والطقس والملابس والاحتفالات العربية. كما يعمق هذا الصف معلومات الطلاب عن ثقافات البلدان العربية المختلفة وجغرافيا الوطن العربي.

هذا الصف للطلاب الذين أكملوا صف العربية ١ أو للطلاب الذين يعرفون القراءة بالعربية ويستطيعون أن يكتبوا جملاً بسيطة ويريدون تطوير مهاراتهم اللغوية من ناحية القراءة والفهم، الكتابة، والمحادثة والكلام.

**ARABIC 3**  
FG350  
Grades 9, 10, 11, 12  
2 CREDITS

This class is a continuation of Arabic 2. It will provide students with an opportunity to deepen their Arabic language skills and cultural knowledge of Arab World. Students will expand their vocabulary, grammar, and language structure through learning activities related to clothes, travel, jobs, and communities. Students will engage in reading a variety of cultural and literary texts as well as taking part in the school-wide activities related to Arab Cultures. **(Prerequisite: FG250, FG251 or department placement)**

تكملة الصف الثاني الذي يركز على تطوير ثقافة الطلاب في المجتمع العربي. هذا الصف يحسن مفردات الطلاب و يطور كلامهم في عدة مواضيع مثل السفر و العمل و مواضيع أخرى. مع ذلك، يشارك هذا الصف بتنسيق النشاطات المدرسية.

**ARABIC 3 HONORS**  
FG355  
Grades 9, 10, 11, 12  
2 CREDITS

This class is an accelerated course. It will provide students with an opportunity to further their Arabic language skills and cultural knowledge of Arab World countries with a focus on Formal Arabic (Fusha). Students will expand their vocabulary, grammar, and language structure through lessons and learning activities related to clothes, music, travel, history, geography, jobs, and community. Students will engage in reading a variety of cultural and literary texts as well as taking part in the activities related to Arab Cultures. This honors level course gives the students the skills needed to engage in a rigorous and challenging curriculum. In addition, students will have the opportunity to participate and help organize the school-wide Arabic cultural events. **(Prerequisite: "C" or higher in FG296 or "B" or higher in FG251 with teacher recommendation)**

هذا الصف يركز على تعليم الطلاب في اللغة الفصحى دائما لتطوير مهارات الطلاب باستخدام اللغة الفصحى. يتعلمون الطلاب المفردات و القواعد من وحدات تخصص في عدة مواضيع مثل الموسيقى والسفر والتاريخ والجغرافيا. يقرأون الطلاب كتب ثقافية لتحسين معرفتهم بالعادات العربية. هذا الصف أيضًا يتحدى مهارات الطلاب بمعرفة لغتهم من كافة الجهات.

**ARABIC 4**  
FG450  
Grades 9, 10, 11, 12  
2 CREDITS

Arabic 4 is a continuation of Arabic 3. The course emphasizes the improvement of both oral and written proficiency in Standard Arabic. Students will expand their vocabulary, grammar, and language structure throughout learning activities, such as presentations, discussions, role-play, and compositions related to a variety of topics, such as: traditional shopping, music, media, and jobs. Students will engage in watching, listening, and reading a variety of authentic texts to deepen their knowledge and appreciation of Arab cultures, tradition, and history. In addition, students will have the opportunity to participate and help organize the school-wide Arabic cultural events. **(Prerequisite: FG350 or department placement)**

تكملة الصف الثالث الذي يركز على تحسين استخدام القواعد وتركيز على تحسين الكتابة بفقرات متنوعة. يشاركون الطلاب بتنسيق النشاطات المدرسية.

**ARABIC 4 HONORS**  
FG455  
Grades 9, 10, 11, 12  
2 CREDITS

Arabic 4 Honors is an accelerated course. The course emphasizes the improvement of both oral and written proficiency in Standard Arabic (Fusha). Students will expand their vocabulary, grammar, and language structure throughout learning activities, such as presentations, discussions, role-play, and compositions related to a variety of topics, such as: traditional markets, Arts, Arabic cinema, and future careers. Students will engage in watching, listening, and reading a variety of authentic texts to deepen their knowledge and appreciation of Arab cultures, tradition, literature, and history. In addition, students will have the opportunity to participate and help organize the school-wide Arabic cultural events. This honors level course gives the students the skills needed to engage in a rigorous and challenging curriculum. **(Prerequisite: "C" or higher in FG355 with teacher recommendation)**

هذا الصف يركز أيضًا على القواعد و تحسين الكتابة بالإضافة إلى تحسين النطق واستخدام اللغة الفصحى. هذا الصف يتحدى مهارات الطلاب في الكتابة و النطق باللغة العربية بشكل مباشر و مستمر.

**ARABIC FOR HERITAGE  
SPEAKERS 1**  
FG151  
Grades 9, 10, 11, 12  
2 CREDITS

This class is designed to meet the needs of heritage Arabic speakers who understand spoken Arabic and read simple sentences in Arabic. Students will use their background knowledge to further develop their reading, writing, and grammar skills through hands-on activities related to art, family traditions, food, and celebrations. In addition, students will gain knowledge of Arabic-speaking countries' history, and geography. This class is for students who can understand Spoken Arabic and can read simple sentences. **(Prerequisite: department placement)**

للطلاب الذين يفهمون العامية العربية إلى حد معقول ويمكنهم قراءة جمل بسيطة بالعربية. ويريدون تطوير مهاراتهم اللغوية من ناحية القراءة والفهم والكلام وأيضاً الكتابة بالفصحى.

**ARABIC FOR HERITAGE  
SPEAKERS 1 HONORS**  
FG196  
Grades 9, 10, 11, 12  
2 CREDITS

This class is an accelerated course. It is designed to meet the needs of heritage Arabic speaker students who can understand, speak, read, and write Arabic in simple and complex sentences. Students will use their background knowledge to further develop reading, writing, and grammar skills through hands-on activities related to art, family traditions, food, and music. In addition, students will gain knowledge of Arabic-speaking countries' cultures, history, and geography. The class is taught entirely in Arabic, and students will increasingly use it to prepare oral presentations, dialogues, role-playing, and other communicative activities. This honors level course gives the students the skills needed to engage in a rigorous and challenging curriculum. This class is for students who can understand, read and write Arabic in simple and complex sentences. **(Prerequisite: department placement)**

للطلاب الذين يفهمون ويتكلمون العامية العربية ويمكنهم القراءة جيداً وكتابة جمل بسيطة ومركبة بالعربية. ويريدون تطوير مهاراتهم اللغوية من ناحية القراءة والفهم والخطابة والكتابة بالفصحى.

**ARABIC FOR HERITAGE SPEAKERS 2**  
FG251  
Grades 9, 10, 11, 12  
2 CREDITS

This class is a continuation of the heritage speakers' program that focuses on developing reading and writing skills for students who already understand, speak, read, and write Arabic. Students will use their background knowledge to further develop their language skills through hands-on activities related to school activities, home traditions, architects, cities, and communities. In addition, students will deepen their knowledge of Arabic-speaking countries' geography, literature, music, and cultures. The class is taught mostly in Arabic and students will increasingly use it to prepare oral presentations, debates, dialogues, role-playing, and other communicative activities. In addition, students will have the opportunity to participate and help organize the school-wide Arabic cultural events.

**(Prerequisite: Arabic for FG151 or department placement)**  
تكملة الصف الأول للناطقين لتطوير مهارات الطلاب في القراءة والكتابة والاستماع والنطق. يستخدمون الطلاب مهاراتهم وقدراتهم لتحسين لغتهم العربية وتطورها في نشاطات مختلفة. مع ذلك ، يستخدمون الطلاب تطورهم بلغتهم لتنسيق النشاطات المدرسية.

**ARABIC FOR  
HERITAGE SPEAKERS 2 HONORS**  
FG296  
Grades 9, 10, 11, 12  
2 CREDITS

This class is a continuation of the Heritage Speakers' HONORS program that focuses on developing reading and writing skills for students who already understand, speak, read, and write in Arabic in complex sentences. The students' knowledge of Arab World's history, geography, literature, music, and cultures will be deepened. The class is taught entirely in Formal Arabic (fusha), and students will increasingly use it to prepare oral presentations, debates, dialogues, role-playing, and other communicative activities. In addition, students will have the opportunity to participate and help organize the school-wide Arabic cultural events. This honors level course gives the students the skills needed to engage in a rigorous and challenging curriculum. **(Prerequisite: "C" or higher in FG196, "B" or higher in FG151 or department placement)**

تكلمة صف المتفوقين الذي يركز على تطوير القراءة والكتابة للطلاب الذين يستطيعون القراءة والكتابة بجمل اصعب. هذا الصف يركز على أهمية تعليم الطلاب في اللغة العربية الفصحى دائما لتحسين نطقهم. يستخدمون الطلاب اللغة الفصحى لتقديم العديد من الحوارات مثل النقاشات و المحادثات و العديد من النشاطات الأخرى. هذا الصف يتحدى مهارات الطلاب و يركز على استخدام اللغة العربية في الحياة اليومية.

**FRENCH 1**  
FG130  
Grades 9, 10, 11, 12  
2 CREDITS

This is an introductory course where students explore the language thru hands-on activities related to art, cultural celebrations, food, and music. Students will have an opportunity to participate in the National French Week school-wide festivities, such as making crepes, playing cultural games, and watching film. The course develops basic oral proficiency related to themes, such as introductions, family, friends, school, and leisure activities. In addition, students will gain knowledge of French and Francophone traditions, history, and geography.

**FRENCH 2**  
FG230  
Grades 9, 10, 11, 12  
2 CREDITS

This is a continuation of Level I. The course is designed to further develop both oral and written proficiency skills. In addition, students will explore the language via hands-on activities related to music, food, art, and cultural celebrations. Students will have an opportunity to participate in National French Week school-wide festivities, such as making crepes, playing cultural games, and watching film. Furthermore, the course develops oral proficiency skills related to holidays, food and drink, high school, computers and daily routines. **(Prerequisite: FG130)**

**FRENCH 3**  
FG330  
Grades 10, 11, 12  
2 CREDITS

Level 3 is a continuation of the French 2 course. This course will continue to develop all modes of communication: speaking, listening, reading, and writing. Students will engage with the language through various individual, paired, and small-group activities. Students will learn more about the cultures of French-speaking countries in Africa as well as participate in National French Week school-wide festivities, such as making crepes, playing cultural games, and watching films. The course also develops the four modes of communication through lessons related to future plans, fairy tales and legends, family and friendship, and outdoor activities. Students will read a variety of cultural and literary texts. **(Prerequisite: FG230)**

**FRENCH 3 HONORS**

FG375

Grades 10, 11, 12

2 CREDITS

Level 3 Honors is an accelerated course. This course will continue to develop all modes of communication: speaking, listening, reading, and writing. Students will engage with the language through various individual, paired, and small-group activities. Students will learn more about the cultures of French-speaking countries in Africa as well as participate in National French Week school-wide festivities, such as making crepes, playing cultural games, and watching films. The course also develops the four modes of communication through lessons related to future plans, fairy tales and legends, family and friendship, and outdoor activities. Students will read a variety of cultural and literary texts. **(Prerequisite: "B" in FG230 with teacher recommendation)**

**FRENCH 4**

FG430

Grades 11, 12

2 CREDITS

The Level 4 course emphasizes the improvement of both oral and written proficiency in the target language. Students will make authentic connections with the materials through activities, such as oral presentations, discussions, role-plays, and compositions. In addition, students' appreciation of French and Francophone cultures and customs is deepened as they participate in National French Week activities that include making traditional French cuisine, watching films, and playing cultural games. The course also emphasizes the history and geography of the French-speaking world. **(Prerequisite: FG330 or FG375 with teacher recommendation)**

**FRENCH 4 HONORS**

FG475

Grades 11, 12

2 CREDITS

The Level 4 Honors class is an accelerated course. It emphasizes the improvement of both oral and written proficiency in the target language. Students will make authentic connections with the materials through activities, such as oral presentations, discussions, role-plays and compositions. In addition, students' appreciation of French and Francophone cultures and customs is deepened as they participate in National French Week activities that include making traditional French cuisine, watching films, and playing cultural games. The course also emphasizes the history and geography of the French-speaking world. **(Prerequisite: "C" or better in FG375 or "B" or better in FG330 with teacher recommendation)**

**SPANISH 1**

FG140

Grades 9, 10, 11, 12

2 CREDITS

This is an introductory course in which students explore the language through hands-on activities related to art, cultural celebrations, food, and music. Students will have an opportunity to participate in the Day of the Dead school-wide festivities. The course develops basic oral proficiency related to themes, such as introductions, family, friends, school, and leisure activities. In addition, students will gain knowledge of Spanish traditions, history, and geography

**SPANISH 2**

FG240

Grades 9, 10, 11, 12

2 CREDITS

This is a continuation of Level 1. The course is designed to further develop both oral and written proficiency skills. In addition, students will explore the language via hands-on activities related to music, food, art, and cultural celebrations. Students will have an opportunity to participate in the Day of the Dead school-wide festivities. Furthermore, the course develops oral proficiency skills related to shopping, daily routines, travel and transportation, and holidays. **(Prerequisite: FG140, FG141 or department placement)**

**SPANISH 2 HONORS**

FG285

Grades 9, 10, 11, 12

2 CREDITS

This is an advanced Spanish Level 2 course. This is an accelerated course appropriate to students who have acquired a solid foundation in the Spanish language. Its goal is to further develop the student's confidence in oral and written expression while emphasizing the use of grammatical structures, style, and pronunciation. Students will be introduced to a variety of listening and written activities that will strengthen the oral focus of the course. **(Prerequisite: "B" or higher in FG140 with teacher recommendation)**

**SPANISH 3**

FG340

Grades 10, 11, 12

2 CREDITS

Level III is a continuation of the Spanish 2 course. This course will continue to develop all modes of communication: speaking, listening, reading, and writing. Students will engage with the language through various individual, paired, and small-group activities. Students will learn more about the cuisine of Spanish-speaking countries as it ties into both the text and the Day of the Dead school-wide events. Students may have the opportunity to visit sites to further engage in the Spanish-speaking culture. The course also develops the four modes of communication through lessons related to childhood, health and wellness, and cultural events. Students will read literature from various well-known authors and make cross-cultural connections as they relate to the cultures present in the United States. **(Prerequisite: FG240 or FG241)**

**SPANISH 3 HONORS**

FG385

Grades 10, 11, 12

2 CREDITS

Level 3 Honors increases the student's knowledge of the language through speaking, listening, reading, and writing exercises. Students will make authentic connections with the material through activities, such as oral presentations, role play, and compositions. Students will learn more about the cuisine of Spanish-speaking countries as it ties into both the text and the Day of the Dead school-wide events. Students may have the opportunity to visit sites to further engage in the Spanish-speaking culture. The course also develops the four modes of communication through lessons related to childhood, health, travel and wellness, and cultural events. Students will read literature from various well-known authors and make cross-cultural connections as they relate to the cultures present in the United States. **(Prerequisite: "C" or higher in FG285, "B" or higher in FG240 with teacher recommendation)**

**SPANISH 4**

FG440

Grades 11, 12

2 CREDITS

Spanish 4 Regular provides the opportunity for students to use the target language while analyzing various literary readings. Students will respond to issues that touch them personally and build on their eagerness to express their opinions and tell about their own relevant experiences. Movie clips will be used to illustrate literary devices and further students' understanding of them. Students will connect the literature to history and culture through the study of the context from which the works originate, including information about the life of the author, the time period, and Hispanic region. Oral and written proficiency will be emphasized throughout the course in preparation for the Spanish Language Advanced Placement Course. **(Prerequisite: FG340, FG385, or department placement)**

**SPANISH 4 HONORS**

FG485

Grades 11, 12

2 CREDITS

**\*DUAL CREDIT**

Spanish 4 Honors is an accelerated Pre-AP language course that places an increased emphasis on the integration of language skills; Reading, Listening, Speaking, and Writing. Students will enhance language proficiency through a wide array of activities including but not limited to: Reading authentic literature, class discussions, oral presentations, cultural comparisons, and formal and informal writing. In the fall semester, students will host the School-wide Community Outreach Event for Spanish Speakers. In the spring, students will complete the Seal of Biliteracy Exam which will assess the four modes of communication. **(Prerequisite: "C" or higher in FG385, "B" or higher in FG340 with teacher recommendation)**

**SPANISH V**

FG540

Grades 11, 12

2 CREDITS

This upper-level course is appropriate for students who have acquired an intermediate/advanced foundation in the Spanish language and cultures. Its goal is to further develop the student's confidence in oral and written expression while emphasizing the use of grammatical structures, style, pronunciation, and cultural cues. Students will be introduced to a variety of reading and writing activities that will strengthen the oral focus of the course. This course will be taught at an accelerated pace and will include a broad selection of poetry, short stories, and novels. These readings will also provide the focus of classroom discussion. **(Prerequisite: FG440 or FG485)**

**SPANISH FOR HERITAGE SPEAKERS 1**

FG141

Grades 9, 10, 11, 12

2 CREDITS

This course is designed to meet the needs of heritage speakers, meaning students that speak and hear the language at home. Students will use their background knowledge to further develop reading, writing, and grammar skills. In addition, students will gain knowledge of Spanish-speaking countries' traditions, history, literature, and geography. This course is aligned to the ACTFL World Readiness Standards for Learning Languages. **(Prerequisite: Demonstrated oral proficiency and Spanish spoken outside of school)**

**SPANISH FOR HERITAGE  
SPEAKERS 1 HONORS**

FG195

Grades 9, 10, 11, 12

2 CREDITS

Spanish for Heritage Speakers 1 Honors is the first course in the Heritage Speakers program that focuses on developing reading and writing skills for students who already speak and understand Spanish. The students will be introduced to Latin American history, geography, literature, music and culture. The class is taught almost entirely in the target language and students will increasingly use it to prepare oral presentations, debates, dialogues, role-playing, and other communicative activities. This course is aligned to the ACTFL World Readiness Standards for Learning Languages. **(Prerequisite: Demonstrated oral proficiency, Spanish spoken outside of school, and department placement)**

**SPANISH FOR HERITAGE SPEAKERS 2**

FG241

Grades 9, 10, 11, 12

2 CREDITS

Spanish for Heritage Speakers 2 is a continuation of the heritage speakers program that focuses on developing reading and writing skills for students who already speak and understand Spanish. The students' knowledge of Latin American history, geography, literature, music, and culture will be deepened. The class is taught almost entirely in the target language, and students will increasingly use it to prepare oral presentations, debates, dialogues, role-playing, and other communicative activities. This course is aligned to the ACTFL World Readiness Standards for Learning Languages. **(Prerequisite: FG141)**

**SPANISH FOR HERITAGE  
SPEAKERS 2 HONORS**

FG295

Grades 10, 11, 12

2 CREDITS

Spanish for Heritage Speakers 2 Honors is a continuation of the Heritage Speakers program that focuses on developing reading and writing skills for students who already speak and understand Spanish. The students' knowledge of Latin American history, geography, literature, music and culture will be deepened. The class is taught almost entirely in the target language, and students will increasingly use it to prepare oral presentations, debates, dialogues, role-playing, and other communicative activities. This honors level course will prepare students for AP coursework and engage students in a rigorous and challenging curriculum. This course is aligned to the ACTFL World Readiness Standards for Learning Languages. **(Prerequisite: Grade of "C" in FG195, "B" in FG141 with teacher recommendation)**

**ADVANCED PLACEMENT  
SPANISH LANGUAGE AND CULTURE**

FG495

Grade 12

2 CREDITS

AP

This advanced placement course is appropriate for students who have acquired an intermediate/advanced foundation in the Spanish language and cultures. Its goal is to further develop the student's confidence in oral and written expression while emphasizing the use of grammatical structures, style, pronunciation, and cultural cues. Students will be introduced to a variety of reading and writing activities that will strengthen the oral focus of the course. This course will be taught at an accelerated pace and will include a broad selection of poetry, short stories, and novels. These readings will also provide the focus of classroom discussion. All students are required to take the Advanced Placement Spanish Language Examination. **(Prerequisite: "B" or higher in FG295, "B" or higher in FG485, "A" in FG440 or department placement)**

**ADVANCED PLACEMENT  
SPANISH LITERATURE AND CULTURE**

FG496/B

Grades 11, 12

2 CREDITS

AP

AP Spanish Literature and Culture is an introduction to representative works of prose, poetry, and drama from different periods in Hispanic literature. Students will study the cultural context of each work and acquire basic terminology and concepts of textual analysis. Students will learn to identify and interpret the various elements that enter the composition of a literary text. They will also learn to appreciate the art and its connection to Hispanic Literature. All students are required to take the AP Spanish Literature and Culture Exam. **(Prerequisite: "A" in FG440, "B" or higher in FG295, "B" of higher in FG485, "B" or higher in FG495, or department placement)**

## ELL/BILINGUAL

### Mission

The programs are designed to prepare students to acquire academic language proficiency skills and promote student achievement in order to facilitate a smooth transition to mainstream courses.

### Vision

All students who successfully exit an English Language Learner Program will meet or exceed achievement standards in general education classes.

### ESL Program Offerings

**ESL 1** - Beginning ESL is intended for students with no or little proficiency in English. This course will focus on practicing skills to increase success in the mainstream classroom. Students will practice English through speaking, listening, reading, writing, and grammar.

**ESL 2** – ESL 2 is intended for students with developing proficiency in English. It builds on and further develops skills to increase success in the mainstream classroom. Students will practice English through speaking, listening, reading, writing, and grammar.

**ESL Reading** - This reading course for non-native speakers of English includes the development of intermediate skills and strategies in reading comprehension, fluency, and critical thinking; intermediate academic vocabulary and the application of level-appropriate grammar and mechanics; and the ability to respond to academic readings through paraphrasing and writing short paragraphs.

**ESL English 1** – ESL English 1 is intended for EL students with limited proficiency in English. This course will focus on reading and comprehending short stories and novels. In addition, students will study literary terms and essay writing. Students will continue to practice English through speaking, listening, reading, writing, and grammar. Students can earn the equivalent credit to the EG130 English 1 course.

**ESL English 2** – ESL English 2 is a full-year course designed to provide experience and competence in analytic thinking skills through the study of literary and writing forms. It builds on and further develops skills in reading, writing, vocabulary, speaking, listening, and thinking. Students use various forms of literature to learn about language, character, allusion, subject, point of view, symbolism, theme, motif, and rhetoric over the course of the year. In literature, students will analyze themes of several literary forms: short story, novel, literary nonfiction, drama, and poetry. In writing, students will develop their skills in writing summaries, paraphrases, literary analyses, a researched project, and argumentative essays. Students will use MLA 7 guidelines

in their writing in all units. Students will take part in class discussions, applying analytical thinking to varied literary forms.

**ESL English 3** - English 3 builds directly on the skills that have been addressed in literature, reading, writing, speaking, listening, research, and vocabulary in ESL English 1 and ESL English 2. The course ensures that all students are given the opportunity to read literature that expresses American values, culture, and philosophy. There is also the added benefit of developing writing assignments from the literature that students are reading for this course.

**ESL English 4** – This full year course for EL students is designed to expand their basic knowledge of grammar. The grammar concepts include different functions of the past tense, continuous, gerunds, infinitives, modals, phrasal verbs, clauses, passive and active voice and conditionals. The essay writing assignments will allow students to demonstrate their knowledge of grammar concepts focusing on word use, sentence use, grammar, organization, and development.

**ESL Government** - This one-semester course for EL students focuses on the U.S. Constitution and the history, developments, and organization of the American government. Students will take the U.S. Constitution test during this course.

**ESL Geometry** - This full-year course for EL students is designed to develop relationships among angles, lengths, areas, and volumes in two and three-dimensional figures. Spatial and visualization skills are enhanced. Logic and reasoning skills are developed through the use of conditional statements and proof. Other topics include transformations, similarity, trigonometry, and coordinate geometry. Algebra skills are reinforced.

**ESL Intermediate Algebra** - This full-year course for EL students is designed for those students who have completed Algebra and Geometry and need ESL support. The content of the course includes strengthening of student's current math skills followed by topics studied in advanced mathematics but presented in a less rigorous manner. The course incorporates technology, application problems, and "hands-on" activities to give a more concrete approach to the topics in a second-year Algebra course. Topics covered include further study of equations and inequalities, functions, graphing, trigonometry, polynomials, systems of equations, and probability and statistics.

## Arabic and Spanish Transitional Bilingual Program Offerings

**These classes are offered on a rotating basis for EL students who speak Spanish or Arabic.**

**Bilingual Biology or Biology RS (Reading Support)** - This full-year course introduces students to interactions between living organisms and their environment as well as understanding the diversity of life, structure, and operation of cells, interactions between living organisms and how energy flows through the ecosystem. This is a team-taught class.

**Bilingual Algebra Block** - This full-year course will focus on key topics such as solving and graphing linear functions, exponential functions, and quadratic functions. Students will explore real-life data related to those topics to make algebraic concepts more meaningful. This is a team-taught class.

**Bilingual Consumer Education** - This one-semester course is required for graduation. The course covers the following areas: preparing for consumer choices, understanding economic principles, managing money, building financial security, and making spending decisions. This is a team-taught class.

**Bilingual Government** – This one-semester course for EL students focuses on the U.S. Constitution and the history, developments, and organization of the American government. Students will take the U.S. Constitution test during this course.

**Bilingual Health** - This one-semester course is required for graduation. The course promotes students to view health as a way of life for the betterment of self, family, and society. The major topics covered are Health & Wellness, Health Consumerism, Mental Health, Substance Awareness, Communicable/Non-communicable Diseases, Nutrition, Human Birth, Growth and Development. This is a team-taught class.

**Bilingual Physical Science** - This full-year course is a laboratory course that introduces the central theories in chemistry and physics. First-semester chemistry topics include chemical and physical properties of matter, solutions, and chemical reactions. Second-semester physics topics include motion, electromagnetism, and nuclear energy. This is a team-taught class.

**Bilingual U.S. History** - This full-year course provides an overview of the people and events that have shaped history in the United States. This course covers the story of the United States with interesting events, interwoven plotlines, recurring themes and unique and intriguing characters. Often, ordinary Americans from a diverse range of backgrounds are thrust into extraordinary circumstances, and the result is an exciting look at the "American Experiment." As students study this long-term process, they will also be examining broad themes including economic ideas, political struggles, cultural developments, environmental and geographic changes, international relations, and changes in the population of the US.

**Bilingual World History** - This full-year course introduces students broadly, chronologically, and topically to the chief features of civilizations from ancient times to present. These include Mesopotamia, Egypt, Greece, Rome, Islamic Empires, European kingdoms, and the civilizations of the New World. The historical development of European civilizations is emphasized. Major concepts include Enlightenment thinkers, the French Revolution, Imperialism, World War I, World War II and the Holocaust, the Cold War, and the interconnectedness of the modern world.

## SPECIAL EDUCATION

The Special Education Program at OLCHS provides eligible students an opportunity to further develop their academic skills and knowledge. Each eligible student will have a case manager and an Individual Education Plan (I.E.P.) that will identify recommended classes and services. Courses are designed to assist students to achieve credit towards graduation. A continuum of services is available to meet the appropriate educational needs of students in their least restrictive environment. Examples of the different level of services that may be available for students are listed below:

Consultative Services - the student is enrolled in all general education classes and the case manager will monitor the student's performance by collaborating with teachers on a limited basis. No direct services are provided to the student.

Co-teaching Classrooms - the student is enrolled in a selected general education class in which a general education teacher and a special education teacher share the teaching responsibilities of the classroom.

Learning Resource Classrooms - provide academic support and structure with a smaller class size. Curriculum in these classes directly mirror the general education courses.

Instructional Classrooms - the student is enrolled in a special education class that will address academic, vocational, or other skill building areas at an instructional level appropriate for the student to learn new concepts and succeed.

Self-Contained Classroom - provides the highest level of structure for students who require significant support. Students would take all of the required academic course work in this setting and may be mainstreamed for PE and electives. A strong social work component is part of this program.

## **ILRP PROGRAM**

Home and Family  
Leisure Pursuits  
Personal Responsibility & Relationships  
Physical Emotional Health  
Community Involvement  
Employment & Adult Learning

The sequence of classes addresses and integrates the array of skills areas within each of these domains. In addition, the skills and how they are taught are referenced to the specific community in which the students live and transition into adult life. Students may remain enrolled beyond the traditional four years of high school for transition.

## **ILRP COURSES**

### **ILRP ENGLISH**

Grades 9, 10, 11, 12  
2 CREDITS

ILRP English is a functional academic class that focuses on practical reading, writing, speaking, and listening. Instruction is differentiated to accommodate individual levels of proficiency.

### **ILRP MATH**

Grades 9, 10, 11, 12  
2 CREDITS

ILRP Math is a functional math class. The course will include classroom instruction, in addition to a variety of resource materials such as handouts, worksheets, games, and manipulative. Topics covered are: whole number computation, fractions and decimals, calculator use, word problems, money, and consumer awareness.

### **ILRP VOCATIONAL SKILLS**

IRP18  
Grades 9, 10  
2 CREDITS

The ILRP Vocational Skills course is designed to give students an opportunity to learn and practice while performing actual jobs within the school. The course will emphasize the technical skills and also the social-emotional skills that are necessary components of work readiness. In addition to experiential learning, students also take part in class discussions about work expectations, social skills and how to be successful in the workplace.

### **ILRP VOCATIONAL ON THE JOB TRAINING**

IRP19  
Grades 11, 12  
4 CREDITS

This course is designed for students to learn prevocational and/or vocational skills with the intent of assisting the student in acquiring work-related skills. Students are dismissed early and work at a supervised work site.

### **ILRP SCIENCE/HEALTH**

Grades 9, 10, 11, 12  
2 CREDITS

ILRP science will teach the basic concepts of life science, physical science and earth science. The student will also become more aware of how these science concepts work in our daily lives and in our environment. Science and health are alternated each year.

### **ILRP SOCIAL STUDIES**

IRP25  
Grades 9, 10, 11, 12  
2 CREDITS

ILRP Social Studies is a 2.5-year course encompassing a sequence of basic geography skills, world geography, U.S. geography, U.S. history, and law.

## **LRP COURSES**

### **LRP ENGLISH 1**

LP101  
Grade 9  
2 CREDITS

LRP English 1 is designed to meet the needs of the students eligible for the Learning Resource Program. LRP English 1 is aligned with the English 1 curriculum but is accommodated to meet individual student needs. In English 1, students develop abilities in reading, writing, vocabulary, listening, and thinking. Students read various forms of literature to strengthen their communication skills: speaking, listening, reading, and writing. Writing practice comes in two main types: expository and persuasive. The English 1 course includes independent reading study and provides an introduction to research skills.

### **LRP ENGLISH 2**

LP201  
Grade 10  
2 CREDITS

LRP English 2 is designed to meet the needs of the students eligible for the Learning Resource Program. LRP English 2 is aligned with the English 2 curriculum but is accommodated to meet individual student needs. English 2 builds on and further develops skills in reading, writing, grammar, vocabulary, listening, and thinking. Students read various forms of literature to develop competence in analytic thinking skills. Writing practice comes in two main types: narrative writing and argumentative researched papers. The English 2 course includes independent reading study and encourages class discussion and analytical thinking.

### **LRP ENGLISH 3**

LP301  
Grade 11  
2 CREDITS

LRP English 3 is designed to meet the needs of the students eligible for the Learning Resource Program LRP English 3 aligned with the English 3 curriculum but is accommodated to meet individual student needs. LRP English 3 is a full-year course designed to build directly on the skills that have been addressed in literature, reading, writing, speaking, listening, and research in the LRP English 1 and 2 courses. The course ensures that all students are given the opportunity to read literature that expresses American values, culture, and philosophy. Students will explore the central question, "What does it mean to be an American?" Argumentative and analytical essays are required in each semester.

### **LRP ENGLISH 4**

LP401  
Grade 12  
2 CREDITS

LRP English 4 is designed for students eligible for the learning resource program. The goal of this course is to reinforce the reading, writing, speaking and study skills needed to be a successful student in school and a successful adult in our society. There is a major emphasis on motivational and inspirational materials to encourage self-direction and goal setting. We will also emphasize the resources available to help each student make good decisions about his/her life after high school.

### **LRP ALGEBRA 1**

LP106  
Grade 9  
2 CREDITS

LRP Algebra is designed to meet the needs of students eligible for the Learning Resource Program. LRP Algebra is aligned with the Algebra curriculum but is accommodated to meet individual student needs. Algebra is designed to integrate geometry, probability and statistics together with algebra. Topics covered include working with algebraic expressions, equations, inequalities and graphing of various functions. The use of the coordinate and transformation approaches connect geometry with algebra. Real-world situations and applications motivate all topics with technology experiences integrated throughout.

**LRP GEOMETRY CONCEPTS**

LP305

Grades 10, 11

2 CREDITS

This course is designed for students who are eligible for the Learning Resource Program. Students will be exposed to many of the topics covered in traditional geometry. Applications of geometric and measurement concepts to everyday living will be stressed.

**LRP INTERMEDIATE ALGEBRA**

LP307

Grades 11, 12

2 CREDITS

LRP Intermediate Algebra is designed to meet the needs of students eligible for the Learning Resource Program who have already completed Algebra and Geometry. LRP Intermediate Algebra is aligned with the Intermediate Algebra curriculum but is accommodated to meet individual student needs. The course incorporates technology, application problems, and “hands-on” activities to give a more concrete approach to the topics in a second year Algebra course. Topics covered include further study of equations and inequalities, functions, graphing, trigonometry, polynomials, systems of equations, and probability and statistics.

**LRP BIOLOGY RS (Reading Support)**

LP105

Grade 9

2 CREDITS

LRP Biology RS is designed to meet the needs of students eligible for the Learning Resource Program. LRP Biology RS is aligned with the Biology RS curriculum but is accommodated to meet individual student needs. This is a laboratory course in which the methods of scientific inquiry are used to study the basic concepts of unity, diversity, continuity, and interaction of living things. Critical observations, accurate recording of data, and interpretation of data are important skills that are the focus of the laboratory work. Emphasis is placed on the ability to understand life functions, heredity, and relationships with the environment.

**LRP PHYSICAL SCIENCE**

LP202

Grade 10

2 CREDITS

LRP Physical Science is designed to meet the needs of students eligible for the Learning Resource Program. LRP Physical Science is aligned with the Physical Science curriculum but is accommodated to meet individual student needs. This laboratory activity course is delivered in a highly engaging manner, utilizing direct instruction methods and accommodations which promote lecture note-taking skills, laboratory experimentation, collection-organization-interpretation of data, use of technology in the science classroom, and cooperative learning. Topics covered include: The Nature of Science, Matter, Periodic Table, Motion and Speed, Forces, Electricity, Solids, Liquids, Gases, and Energy.

**LRP WORLD HISTORY 1 & 2**

LP138 &amp; LP139

Grades 9, 10, 11, 12

2 CREDITS

LRP World History is designed for students who are eligible for the Learning Resource Program. This year-long course covers broadly, chronologically and topically, the chief features of various civilizations, culture, nations and major concepts from ancient to modern times. The historical development of European civilization and its impact on the formation and development of the United States is emphasized.

**LRP UNITED STATES HISTORY**

LP302

















Grades 11, 12

2 CREDITS

LRP United States History is designed to meet the needs of the students eligible for the Learning Resource Program. LRP United States History is aligned with the US History curriculum but is accommodated to meet individual student needs. Understanding United States history is vital to the development of future participants in a democratic society. United States History provides students the opportunity to build upon their prior knowledge about the history of our country while simultaneously developing critical historical thinking skills, including the use of documents to support arguments and positions. This course will help students make connections between their world and the rich heritage of United States history through the study of essential questions throughout the historical eras and/or major themes.

# EXPLORE YOUR CAREER CLUSTER WITH OLGHS ELECTIVES!

Courses open to freshmen are bold Courses open to freshmen are bold Dual credit courses are indicated by\*

 <p>-Environmental Science -Geography -Zoology</p>	 <p>-Electricity &amp; Electronics I/II* -Woods I -PLTW 3 CAA -Sheet Welding* -HVAC*</p>	 <p>-Extreme Art -Exploring Drawing and Multimedia -Graphic Design I -Clay Construction -Band, Choir, Guitar, Piano, Music Tech</p>	 <p>-Accounting -Accounting Honors* -Entrepreneurship -Sports &amp; Entertainment Marketing</p>	 <p>-Intro to Child Development &amp; Culinary Arts -Child Development -Adv. Child Dev. -Parenting -Sociology -Psychology</p>	 <p>-Accounting -Accounting Honors* -Microsoft Office -Economics -AP Macro &amp; Micro Economics</p>	 <p>-US Foreign Policy -Law in American Society -Geography -AP Human Geography -History of Chicago</p>	 <p>-Anatomy (Chemical &amp; Physical) -Certified Nursing Assistant* -EMT* -Zoology -Medical Terminology</p>
 <p>-Culinary Arts I &amp; II -Culinary Management</p>	 <p>-Intro to Child Development &amp; Culinary Arts -Child Development -Advanced Child Development -Athletic Training</p>	 <p>-Computer Servicing I/II* -Google It! -Mobile Apps I -Web Design -AP Computer Sci A*</p>	 <p>-Law in American Society -EMT*</p>	 <p>-PLTW 1 - IED -Electricity &amp; Electronics I/II</p>	 <p>-Entrepreneurship -Sports &amp; Entertainment Marketing</p>	 <p>-AP Computer Science Principles &amp; CSA -AP Statistics -Applied Physics -Mobile Apps I -PLTW 1 - IED</p>	 <p>-Automotive Essentials</p>

Additionally, foreign language study in Arabic, French, or Spanish benefits a variety of career clusters.

**This list does not include every OLGHS course, please consult your counselor or the OLGHS Educational Planning Guide.**