



## **CURRICULUM GUIDE 2023-2024**

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## Mission Statement

*To maximize the growth and achievement of every student through rigor, support, and innovation.*

## Beliefs

*We believe that student growth and achievement are maximized when:*

- ❖ *The school focuses its collaborative efforts on continuous improvement.*
- ❖ *Both rigor and support are infused throughout student programs and staff development.*
- ❖ *Data and best practices drive decision making throughout the school community.*
- ❖ *Students and staff drive creative thinking and innovation. Students demonstrate responsibility and take active ownership of their learning.*
- ❖ *The school provides inviting-learning environments that are both safe and secure.*
- ❖ *We unleash the power of our inclusive and diverse culture.*

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## Board of Education

President	Paul Schulz
Vice-President	John R. Anderson
Secretary	Natalia Alvarez Martinez
	Katherine Blair
	Stephen E. Carlson
	Tony DeMonte
	Thomas Drake

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## Administration

Superintendent of Schools .....	Daniel S. Woestman, Ed.D.
Associate Superintendent Student Services .....	Patrick Keeley, Ed.D
Assistant Superintendent Business Services and Operations .....	Michael A. Engel, Ed.D
Assistant Superintendent Instructional Services .....	Christopher J. Geocaris
Principal, Almond Campus .....	Robert Parrott
Principal, O'Plaine Campus .....	Michele Bertola
Associate Principal, Almond Campus .....	Laura Kirk, Ed.D
Associate Principal, O'Plaine Campus .....	Chuck Maurer
Assistant Principal, Almond Campus .....	Matthew Jones
Assistant Principal, O'Plaine Campus .....	Peter Kupfer, Ed.D
Director of Athletics and Activities .....	Aimee Lonigro
Director of Special Education .....	Cara Garland
Special Education Supervisor .....	Yesenia Gamache
Director of Transportation .....	Jeanne Turf
Director of Facilities .....	Jose Zires

## Lead Teachers

### Almond Campus

Business Education ..... Jamie Zaban  
English..... Heather Connor  
Fine Arts..... Rocco Oddo  
World Language..... Lina Rangel  
Industrial Technology ..... Mike Schumann  
Mathematics..... Keith Kremkau  
Physical Development ..... Brandon Schild  
Science ..... Pieter Kreunen  
Social Science..... Dave Zaban

### O'Plaine Campus

Business Education ..... Jamie Zaban  
English..... Katie Mohr  
Fine Arts..... Rocco Oddo  
World Language..... Luz Bravo  
Industrial Technology ..... Mike Schumann  
Mathematics..... Greg Janczak  
Physical Development ..... Mark Mika  
Science ..... Jason Caswick  
Social Science..... Vince DeSecki  
Instructional Coach ..... Sean Smith

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## Student Services Teams

### Almond Campus

Dean of Students Juniors A-F..... Natalie Colgan  
Dean of Students Seniors A-G..... Natalie Colgan  
Dean of Students Juniors G-O..... Zach Pagan  
Dean of Students Seniors H-Pa..... Zach Pagan  
Dean of Students Juniors P-Z..... Yolanda Fulton  
Dean of Students Seniors Pb-Z ..... Yolanda Fulton  
Counselor Juniors A-Co ..... Dan Heupel  
Counselor Seniors A-B, T..... Dan Heupel  
Counselor Juniors Cp-He..... Jennifer Scahill  
Counselor Seniors C-F, W ..... Jennifer Scahill  
Counselor Juniors Hf-Me ..... R.J. Ringa  
Counselor Seniors G-Ko, X-Z ..... R.J. Ringa  
Counselor Juniors Mf-R..... Betsy Sagala  
Counselor Seniors Kp-O, U-V ..... Betsy Sagala  
Counselor Juniors S-Z..... Kyle Arnold  
Counselor Seniors P-S ..... Kyle Arnold  
Post-Secondary Counselor..... Carri McGahan  
Psychologist ..... Joseph Jordan  
Social Worker Juniors A-Gom ..... Rebecca Tragarz  
Social Worker Seniors A-D, T & W ..... Rebecca Tragarz  
Social Worker Juniors Gon-N ..... Janice Zimmerman  
Social Worker Seniors E-Mc, X-Z..... Janice Zimmerman  
Social Worker Juniors O-Z..... Diana Alcala  
Social Worker Seniors Md-S, U-V..... Diana Alcala  
Special Education Supervisor..... Yesenia Gamache  
Case Manager A-MC ..... Jana Leech  
Case Manager Md-Z..... Nikki Thompson  
Nurse ..... Rhonda Nitto  
Student Information Systems ..... Cindy Albright

### O'Plaine Campus

Dean of Students A-GI ..... Deborah Perri  
Dean of Students Gm-Ok ..... Diallo Brown, Ed.D.  
Lead Dean of Students OI-Z ..... Nathan Karasek  
Counselor A-Cu ..... Julie Unger  
Counselor Cv-I..... Chad Miller  
Counselor J-Mo..... Erica Loiben  
Counselor Mp-Sa ..... Paulette Lidskin  
Counselor Sb-Z..... Matt Zarnstorff  
Post-Secondary Counselor..... Trini Hartley  
Psychologist ..... Geraldine Hernandez  
Social Worker A-Gon ..... Samantha Garrity  
Social Worker Go-O ..... Elizabeth Eberline  
Social Worker P-Z..... Molly Manning  
Director of Special Education ..... Cara Garland  
Case Manager A-L..... Shari Ronning  
Case Manager M-Z..... Trisha McElvain  
Nurse ..... Valerie Hill  
Student Information Systems ..... Cindy Albright

## INTRODUCTION

This curriculum guide is designed to help students plan their program of study from the variety of courses offered at Warren Township High School. Students should plan their high school programs with the help of their parents and student services team. In this guide, each course is defined by area of instruction, level of instruction, length of course, specific prerequisite, and credit value. In addition to course descriptions, this guide provides information about graduation requirements, grades, student services, support programs and other areas of interest. This guide is intended to assist students and parents in making educational decisions about their high school programs.

All information contained in this guide is accurate, per date of publication and is subject to change, per Board of Education approval, prior to the start of the 2023-2024 school year. Any changes or updates to graduation requirements and/or educational program options for students approved by the Board of Education after the publication of this Curriculum Guide will be posted on the Warren Township High School website.

Almond Campus



District Office



O'Plaine Campus



Transition Center  
At O'Plaine Campus



## STUDENT SERVICES

Warren Township High School students are served by guidance counselors and Student Services Teams. Each student is assigned to a guidance counselor who provides academic counseling freshmen through senior year. Post-Secondary Counselors assist students and their parents in the post-high school planning process. Student Services Teams consisting of deans, guidance counselors, psychologists, social workers, and school nurses are located at each campus. The team's main goal is to provide services to students who may need additional academic and/or emotional support. Parents may meet with members of their child's Student Services Team during school hours.

Psychologists and social workers provide services to students and/or their families and serve as liaisons between the school and community agencies. In addition, the psychologist conducts individual psychological evaluation and interprets results to students, parents, and school staff. A speech therapist and registered school nurse are available to provide appropriate services.

### Special Education Services

Under the Individuals with Disabilities Education Act (IDEA; 20 U.S.C. §1400, 2004), a student requires an individualized Education Program (IEP) to be eligible for special education services. The eligibility determination must be made by an IEP team based upon an analysis of information from a variety of sources. If a student is found eligible, a plan is written that designates the specialized instruction, services, and supports the student is required to receive. Students are assigned a case manager, to assure implementation of the IEP.

All students participate in courses aligned to the general education curriculum. The IEP team may determine expectations for the mastery of standards. Courses may be modified by reducing the depth and complexity of the content. Students may require programming that accesses the general education curriculum at significantly modified level, based on the goals identified within the IEP. This level of programming may integrate functional daily living and/or prevocational skills into a curriculum that is aligned with the Illinois Common Core Essential Elements.

Requests or questions about special education services should be made to the special education administrator at each campus.

### Section 504

Section 504 of the Rehabilitation Act of 1973 is a federal statute that mandates educational accommodations and/or services be provided to students whose medical condition or disability meets the criteria below. These statutes contain regulatory provisions pertaining to physical or mental health impairments.

Section 504 of the Rehabilitation Act of 1973 contains regulatory provisions that define disability as:

1. A physical or mental impairment that substantially limits a major life activity \*\*
2. Having documentation of such an impairment
3. Being regarded as having such an impairment

\*\* Major life activities include:

Caring for oneself	Breathing	Lifting	Performing manual tasks
Walking	Learning	Bending	Working
Seeing	Eating	Reading	Thinking
Hearing	Sleeping	Standing	Communicating
Speaking	Concentrating		

To begin the Section 504 referral process, please contact your student's guidance counselor who will provide you with the required paperwork including the procedure for submitting medical or psychological diagnostic information.

#### EL/Bilingual Program

The EL/Bilingual Program is designed to support students with a non-English language background. Students that are part of the program are enrolled in bilingual or sheltered classes in the content areas such as English, health, science, math, and social studies as well as reading. Within the program, students earn credits toward graduation. To qualify, a student needs to be identified and assessed to determine the need for academic support due to a non-English background.

#### Standardized Testing Program

Warren Township High School provides the SAT Suite of Assessments to assist students in understanding their readiness for college and careers. Test results are interpreted to students by their guidance counselor. Parents are encouraged to contact their student's guidance counselor for additional information about test results.

#### College and Career Center

The College and Career Center (CCC) is a space where students can explore, research and have questions answered about their college and career post-secondary planning process. Information regarding college programs, career opportunities, trade and technical schools, college athletics, military options, college visits, financial aid and more can be discussed. The CCC is where we host our college visits, career workshops and specific presentations for each grade level.

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### REGISTRATION and SCHOOL FEES

Registration information will be emailed in early May to all parents with students in our PowerSchool information system. The email will include information about our online process as well.

#### Registration Fee

A registration fee, as approved by the Board of Education, will be assessed to all students. The registration fee and all related course fees will be published with the regular registration materials. Student registration fees are non-refundable after September 15 of each school year.

#### AP Exam Fee

Students who are enrolled in Advanced Placement courses and who plan on taking the Advanced Placement Exam in May will be assessed a separate fee. Warren Township high School will communicate the AP Exam fee for 2023-2024 school year in September of 2023. Last year's fee was \$100.

#### Credit Card Payment

Credit card payment (Visa, MasterCard, and Discover) will be accepted for all fees and registration costs.



## GRADUATION REQUIREMENTS

The Board of Education determines high school graduation requirements that will provide each student ample opportunity to achieve the purpose for which the School District exists and that meet the minimum graduation requirements contained in State law. Unless otherwise exempted, each student must successfully earn a total of 18.5 credits to qualify for graduation. The following core curricula must be completed successfully to be eligible for a Warren Township High School diploma. (One semester equals .5 credits.)

English	8 semesters 4 credits	Students must pass one semester of English I, English II and English III. Students can make up credits from English I, English II or English III with other English electives.
Mathematics	6 semesters 3 credits	1 year must be Algebra I and 1 year must be a course that includes geometry content.*
Science	4 semesters 2 credits	
Social Science	6 semesters 3 credits	2 semesters of freshmen Social Science, 2 semesters of United States History, 1 semester of government, and 1 semester of economics.
Life Fitness	8 semesters 4 credits	Must include 1 semester of Health. Must pass one semester of Physical Education for each semester of attendance at Warren Township High School, unless otherwise exempted.
Practical and Fine Arts	2 semesters 1 credit	This could include 2 semesters of art, business, foreign language, industrial tech, music, theatre arts, or vocational education.
Electives	3 semesters 1.5 credits	

❖ State of Illinois Writing requirements are fulfilled by completion of English and Social Science courses.

\*If the student has already completed Algebra and Geometry in 7<sup>th</sup> and/or 8<sup>th</sup> grade, they will still need to complete 3 credits of Math starting with Geometry or Algebra II Trig.

Unless otherwise exempted, each student must successfully accomplish the following in order to graduate from high school:

- Pass an examination on the Constitution of the United States and the State of Illinois, flag code, and the Declaration of Independence.
- The Illinois Board of Education requires all juniors to take the SAT.

The Superintendent or designee is responsible for: (1) maintaining a description of all course offerings that comply with the above graduation requirements; (2) notifying students and their parents/guardians of graduation requirements; (3) taking all other actions to implement this policy.

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## **GRADE REPORTING / TRANSCRIPTS**

### **Grades**

Student grades are by semester. The semester grades are the only grades recorded on each student's high school transcript. Parents of students having difficulty or doing unsatisfactory work are urged to meet with the teacher and/or the Student Services Team to resolve the problem. Students have a right to timely information, which will communicate their level of performance during a grading period. Grades for graded work or participation will not be held until the end of the grading period. Grading practices will reflect consistency, regardless of teacher or course level, as much as possible. Grades should communicate a student's academic performance to students, parents, colleagues, and colleges. Academic grades will not be affected by separate scores for attendance, tardiness, attitude, effort, ability, behavior, employability, cooperation or the like. Grading practices should encourage a student's best efforts in each course.

### **Grading Scale**

Specific information regarding Warren Township High School's grading scale is found in the Student-Parent Handbook.

### **Grade Point Average**

Specific information regarding Warren Township High School's grade point average calculation is found in the Student-Parent Handbook.

### **Honor Roll**

Specific information regarding Warren Township High School's Honor Roll is found in the Student-Parent Handbook.

### **Graduation Award Recognitions**

Specific information regarding Warren Township High School's graduation award recognitions is found in the Student-Parent Handbook.

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## **GRADING POLICY**

The WTHS grading policy for all courses and students is found in the Student-Parent Handbook.

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## **COURSE SELECTION AND PLACEMENT**

Each year beginning in November, counselors will assist students in the selection of courses for the following year. Parents are encouraged to be a part of this process. A list of courses selected by the student will be mailed home for review at the conclusion of the process.

### **Accelerated Placement Program**

in English language arts shall be automatically enrolled into the next most rigorous level of advanced coursework in English, social studies and biology. A student who meets or exceeds grade-level standards in mathematics shall be automatically enrolled into the next most rigorous level of advanced coursework in mathematics, chemistry and physics.

A student who meets or  
exceeds grade-level standards

Incoming Freshmen Placement	<p>Recommendations for placement of incoming freshmen are made by the following criteria:</p> <ul style="list-style-type: none"> <li>• Eighth grade course enrollments.</li> <li>• Student and family preference.</li> <li>• The student's local percentile scores for reading and mathematics standardized assessments administered in middle school.</li> </ul> <p>The school looks at each student individually and strives to match the student with the course level in which he/she will be both academically challenged and motivated to succeed. Parents are encouraged to contact their child's guidance counselor with any questions or concerns.</p>
Current Student Placement	<p>The student's current teachers from the respective academic areas make recommendations in course placement level for the upcoming school year. They take into account the student's academic ability and study habits. Teachers consider each student individually, striving to match the student with the course level in which he/she will be both academically challenged and motivated to succeed.</p>
Course Load	<p>A Student's course load may not surpass 3.5 credits (7 courses) per semester including any courses being repeated or audited.</p>
Course Level Changes	<p>Specific information regarding Warren Township High School's level change policy is found in the Student-Parent Handbook.</p>
Non-Level Schedule Changes	<p>Specific information regarding Warren Township High School's non-level schedule changes is found in the Student-Parent Handbook.</p>
Course Drops	<p>Specific information regarding Warren Township High School's policy for dropping a course is found in the Student-Parent Handbook.</p>
Summer School	<p>Summer school provides various courses, thus permitting the student greater flexibility to enter a broader elective program during the regular year. Students may also choose to enroll in summer school for credit recovery. Summer School registration and course offering information will be available during the second semester. Students may see their counselor for more information.</p>
Junior Early Graduation	<p>Because of the value inherent in a person's high school experience apart from his/her accumulation of the 18.5 credits necessary for graduation, Warren Township High School, believes each student should spend a full four years in high school. Student age and mental development are all factors important in the last year of high school. Specific information regarding Warren Township High School's junior early graduation policy is found in the Student-Parent Handbook.</p>
Second Semester Exemption	<p>Specific information regarding Warren Township High School's second semester exemption policy is found in the Student-Parent Handbook.</p>
Repeating a Failed Course	<p>Specific information regarding Warren Township High School's repeating a failed course policy is found in the Student-Parent Handbook.</p>

Repeating a Passed Course for a Higher Grade

Specific information regarding Warren Township High School's repeating a passed course for a higher-grade policy is found in the Student-Parent Handbook.

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## CLASS STANDING

The principals or designees shall assign students to the appropriate class designation. Specific information regarding Warren Township High School's class standing policy is found in the Student-Parent Handbook.

Enrollment in Drivers Education

Specific information regarding Warren Township High School's enrollment in driver's education policy is found in the Student-Parent Handbook.

Enrollment after withdrawing from school

Specific information regarding Warren Township High School's enrollment after withdrawing from school policy is found in the Student-Parent Handbook.

Campus Assignment

Specific information regarding Warren Township High School's campus assignment policy is found in the Student-Parent Handbook.

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## TRANSFER CREDITS

Specific information regarding Warren Township High School's transfer credits policy is found in the Student-Parent Handbook.

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## AUDIT REQUEST INFORMATION

Specific information regarding Warren Township High School's audit request policy is found in the Student-Parent Handbook.

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## ALTERNATIVE COURSES AND PROGRAMS

Students may be limited as to the number of alternative courses that apply toward high school credit. Grades earned in approved alternative learning courses count toward a student's grade point average and eligibility for athletic and extra-curricular activities. **Students should be aware that not all alternative learning courses are NCAA approved.**

College Courses

A student who successfully completes community college courses may receive high school credit, provided:

1. The student is a senior in good academic standing: 2.50 cumulative grade point average and 15 academic credits earned by the end of the sixth semester.
2. The course is not offered in the high school curriculum;
3. **The course is approved in advance by the student's guidance counselor and the High School Principal; and**
4. The student assumes responsibility for all fees.

*Senior* students must apply before June 1 of their junior year for the fall semester and before December 1 of the senior year for the spring semester. Additional questions and concerns should be directed to the guidance office.

Transcripts of course work taken must be supplied upon completion of the course. A maximum of 3 units of credit may be counted toward the requirements for a student's high school graduation. **District Administration will determine the number of high school credits awarded for each college course taken.**

## Correspondence Courses

Enrollment in a correspondence course provides students the opportunity to receive credit (limited) for make up or enrichment. American School of Secondary Correspondence Study is a provider of correspondence courses at Warren Township High School. A student enrolled in a correspondence course may receive high school credit for work completed on a pass/fail basis provided:

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

Seniors: WTHS must receive the final grade/transcript by the senior's last official school day in May to participate in the graduation ceremony. In order for the senior to be included in their graduating class, but not participate in the graduation ceremony, the transcript must be received by the last day of second session summer school following the senior's last official school day in May.

Students who miss this deadline will not be issued a diploma until the conclusion of the next school year.

A maximum of 3 units of credit may be counted toward the requirements for a student's high school graduation. One semester of correspondence study is equal to 0.5 credits at WTHS. A two-semester correspondence course is equal to 1 credit at WTHS.

## Distance Learning Courses, Including Virtual or Online Courses

Courses can be taken through Illinois Virtual High School if it is a course that is not offered in the curriculum guide or if it is a course for make-up credit. A student enrolled in a distance learning course, including a virtual or online course, may receive high school credit for work completed, provided:

1. The course is offered by an institution approved by the Superintendent or designee;
2. The course is not offered at the student's high school;
3. The student assumes responsibility for all fees (including tuition and textbooks); and
4. **The Building Principal approves the course in advance.**

Students must sign up through their counselor. A student must have Internet access in order to take these courses, and obtain an adult mentor. All other rules and criteria for all campus educational alternatives apply. Additional questions and concerns should be directed to the guidance office.

## Off Campus Summer School and Independent Study

A student will receive high school credit for successfully completing: any course given by an institution accredited by North Central Association of Colleges and Secondary Schools, and independent study in a curriculum area not offered by the District. **The course must be approved in advance by the student's guidance counselor and the High School Principal.**

## Volunteer Service Credit Program

A student may earn high school credit through community service activities provided:

1. Time spent for .5 credit of volunteer service must be equivalent to taking an academic course for 45 minutes per school day for 19 weeks;
2. The activity and the outside school supervisor must be approved in advance by the student's guidance counselor and the High School Principal;
3. All activity logs with time verification must be submitted to the counselor no later than May 1<sup>st</sup> of the school year the activity began;
4. Credit will be on a pass/fail basis; and
5. The volunteer work must be outside the normal academic school day and the student cannot receive any monetary compensation for the volunteer activities.

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## SUPPORT PROGRAMS

### Academic Intervention and Mentoring (AIM)

AIM (Academic Intervention and Mentoring) is a program designed to help high school students get back on track for graduation while also supporting their social and emotional needs. This program uses a team approach of teacher and social worker to focus on a student's current academic success in courses, their remediation of failed courses through online credit recovery courses, and social-emotional skill development. The overall goal of the program is to provide students with the foundational skills they will need to be successful in their future coursework, interpersonal relationships, and in their postsecondary pursuits.

### Bridges Program

The Bridges Program is divided into three different program areas: Evening Program, Day School Program, and Transition Program. Each one of these programs is designed for a specific classification of student.

The Bridges Evening Program, housed at the Almond Campus, is designed to provide a comprehensive alternative program for students to improve their academic achievement such that they are able to satisfy graduation requirements and earn a Warren diploma. Equally important the Bridges program will provide instruction, modeling, and mentoring on career and life skills that will facilitate the students being able to successfully "bridge" to the world of adult or post-secondary education or the world of work. Any member of the building Student Service Team, Administrator or parent, may refer a student to the Bridges Evening Program. The District's admission criteria is non-discriminatory in that any student regardless of race ethnicity, gender, sexual orientation or special education status will be considered for admission.

The Bridges Transition Program addresses employability and/or daily living-skill deficit areas for students who continue to be recommended for special education services after completing graduation requirements. Students may receive services through the school year in which the student turns 22 years old. The program is designed to further employability and daily living skills to increase independence. The program is a results-oriented process which focuses on improving the functional performance to facilitate the student's movement from school to post-school activities and provide connections to postsecondary

education, vocational education, integrated employment including supported employment; continuing and adult education.

### Math on Track

The goal of Math Support (Algebra or Geometry) is to help at-risk math students (Freshmen in Algebra I or Sophomores in Geometry) become proficient math students by filling pre-requisite skill gaps, pre-teaching material, and reviewing core concepts for each unit of study through a positive math experience. Students will meet with a math teacher during the study hall portion of their lunch study hall to receive support. Students are placed based on prior test data, teacher recommendation, and current grade in their course.

### REACH

REACH (Recover, Educate, Achieve, Coach, Honor) is a support program designed to keep Freshmen on Track by reducing the number of F's by providing: reading and writing support, instruction in metacognitive and executive functioning skills, and support for student transition to high school. Placement is approved by the dean led small Student Services Team. Students with F's in core classes and other risk factors start in the program. If students begin to get one or more F's in core classes during freshmen year, without support through other programs, they will be added to the program by the Student Service team.

### School Within a School (SWS)

Students who have tested two or more grade levels below their grade level in reading and are not receiving English language services or special education services will be placed in the School Within a School program their freshmen year. The School Within a School classes are similar to the standard program. Students earn the same credit for these classes, however, the difference is that all students will be taught by a core team of four teachers (English, Social Studies, Science, Reading), and all students will have one reading class for their elective. In the sophomore year, students who would benefit from an additional year of reading support take English II Intensive, as well as Sophomore Reading Readiness as one of their elective courses.

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## NCAA

The NCAA is made up of three membership classifications that are known as Divisions I, II and III. Each division creates its own rules governing personnel, amateurism, recruiting, eligibility, benefits, financial aid, and playing and practice seasons – consistent with the overall governing principles of the Association. Every program must affiliate its core program with one of the three divisions.

Division I student-athletes are also subject to progress-toward-degree rules that require them to advance toward graduation each year. Incoming student-athletes in Divisions I and II are subject to academic initial-eligibility standards, which take into account standardized test scores, number of core courses taken in high school and the grades earned in those core courses. In addition to NCAA requirements, they must also meet the unique acceptance requirements of the university they plan to attend (those requirements may exceed NCAA standards). Division III institutions hold student-athletes to the same overall standards for the institution in which the student-athlete is enrolling.

This Curriculum Guide clearly indicates the courses that are NCAA qualified. Any student planning to play a collegiate sport should visit [www.ncaa.org](http://www.ncaa.org) and become familiar with NCAA rules and regulations. It is the student's responsibility to plan for NCAA eligibility.

## COURSE DESIGNATIONS

	AP (AP)	Honors (H)	College Prep (CP)	College Core (CC)
Definition	This sequence of courses is designed to enable students to pursue college-level studies while still in high school. Students who complete the sequence may have the opportunity to earn college credit or placement through the Advanced Placement Examination.	This sequence of courses provides students with the traditional college prep program at an accelerated pace. Students will work at a higher, more challenging level. This level is designed to prepare the student for entrance into college and for academic success in the college classroom.	This sequence of courses provides students with the traditional college preparatory program. This level is designed to prepare the student for entrance into college and for academic success in the college classroom.	This sequence of courses is designed to provide students with the opportunity to study college preparatory courses at a less rigorous pace.
General Standards	Students taking courses at this level are expected to: 1. Take full and immediate responsibility for learning through both independent and limited instructor guidance. 2. Review and study class material extensively in addition to completing assigned homework.	Students taking courses at this level are expected to: 1. Take immediate responsibility for learning with independent practice and instructor guidance as needed. 2. Review and study class material consistently in addition to completing assigned homework.	Students taking courses at this level are expected to: 1. Take responsibility for learning through regular instructor guidance and increased independence as they progress toward their senior year. 2. Review and study class material consistently in addition to completing assigned homework.	Students taking courses at this level are expected to: 1. Take responsibility for learning through active instructor guidance, extensive guided practice and increased independence as they progress toward their senior year. 2. Review and study class material consistently in addition to completing assigned homework.
Thinking Skills & depth of study	Students are assumed to have recall, comprehension, and problem-solving skills. The AP level emphasizes inference, synthesis and evaluation in a rigorous, research-based curriculum. The difference between AP and Honors is the frequency and depth of activities reflecting these higher order skills. The curriculum is more complex, challenging and extensive than at the Honors level. Additionally, the curriculum is modeled after introductory college courses that strike a balance between breadth of content coverage and depth of understanding.	Students are assumed to have recall, comprehension, and problem-solving skills. The Honors level emphasizes inference, synthesis and evaluation. The difference between Honors and College Prep is the frequency and depth of activities reflecting these higher order skills. The curriculum is more complex, challenging and extensive than at the College Prep level.	Students are assumed to have recall, comprehension skills. The College Prep level emphasizes higher level thinking skills. Students' work will demonstrate the use of these higher learning skills: problem-solving, inference, synthesis, and evaluation. The curriculum is more complex, challenging, and extensive than at the College Core level.	Students will use and develop recall and comprehensive skills as the foundation for learning higher-level thinking skills; problem solving, inference, synthesis and evaluation.
Pacing of Students	These courses move at an accelerated pace that approximates college-level pacing. Independent study sessions outside of class time are strongly encouraged.	These courses move at an accelerated pace. Limited time is built into the curriculum for review.	These courses move at a pace that allows for review and checks for understanding.	The courses move at a pace that allows for frequent review and checks for understanding.
Average Homework	HW: 4-5 times per week	HW: 4-5 times per week	HW: 3-5 times per week	HW: 1-4 times per week



## COURSE OFFERINGS

The following course descriptions are designed to help students plan their program of study from the variety of courses offered at Warren Township High School. Students should plan their high school programs with the help of their parents and Student Services Team. In this guide, each course is defined by area of instruction, level of instruction, length of course, specific prerequisite, description of course, credit value, and where the course is being offered.

When choosing course offerings, please note the campus designations which indicate the campus where the course is being offered. The O'Plaine Road campus will be designated with an "O". The Almond Road campus will be designated with an "A". Courses designated "B" will be offered at both the Almond and O'Plaine Campus.

Travel between campuses is not provided and students should choose courses based on the appropriate campus.

### Course Numbers

WTHS has implemented a 4-digit numbering system to indicate the following levels:

- 0000's - Non-credit courses
- 1000's - College Core
- 3000's - College Prep
- 5000's - Honors courses
- 7000's - AP courses
- 9000's - Other credit courses

Course Prefix	Course Levels	Description
APL	9000	Online Courses
ARC	0000	REACH / Academic Recovery
ART	3000 7000	Art
BUS	1000 3000 5000 7000	Business Education
DRE	3000	Driver's Education
EL	1000	English Learners / Bilingual
ENG	1000 3000 5000 7000	English
FRG	1000 3000 5000 7000	World Languages
GEN	0000	General Non-Credit Courses
IND	1000 3000 5000	Industrial Technology / Project Lead the Way
LUN	0000	Lunch / Lunch Activities

Course Prefix	Course Levels	Description
MTH	1000 3000 5000 7000	Mathematics
MUS	3000 7000	Music
PHY	0000 3000	Physical Education
SCI	1000 3000 5000 7000	Science
SOC	1000 3000 5000 7000	Social Science
SWS	1000	School Within a School
THE	3000	Theatre
VOC	3000	Vocational Technology Campus (CLC)

# ART

Course Name	Designation	Course #	Pre-req	Campus	FR	SO	JR	SR	Sems	Cred	NCAA
Introduction to Art	CP	ART3101		B	X	X			1	0.5	
Introduction to Digital Art & Design	CP	ART3102		B	X	X	X	X	1	0.5	
Ceramics	CP	ART3103		B	X	X	X	X	1	0.5	
Sculpture	CP	ART3105		B	X	X	X	X	1	0.5	
Digital Photography	CP	ART3107	*	B	X	X	X	X	1	0.5	
Digital Design Studio 1	CP	ART3111	*	B	X	X	X	X	1	0.5	
Drawing Studio I	CP	ART3113	*	B	X	X	X	X	1	0.5	
Painting Studio I	CP	ART3115	*	B	X	X	X	X	1	0.5	
Digital Photography 2	CP	ART3307	*	B		X	X	X	1	0.5	
Drawing Studio II	CP	ART3341	*	B		X	X	X	1	0.5	
Painting Studio II	CP	ART3342	*	B		X	X	X	1	0.5	
Ceramics II	CP	ART3303	*	A			X	X	1	0.5	
Digital Art Independent Study I	CP	ART3937	*	A			X	X	1	0.5	
Digital Art Independent Study II	CP	ART3938	*	A			X	X	1	0.5	
2D Art Independent Study I	CP	ART3935	*	A			X	X	1	0.5	
2D Art Independent Study II	CP	ART3936	*	A			X	X	1	0.5	
Ceramics Independent Study I	CP	ART3931	*	A			X	X	1	0.5	
Ceramics Independent Study II	CP	ART3932	*	A			X	X	1	0.5	
Sculpture Independent Study I	CP	ART3933	*	A			X	X	1	0.5	
Sculpture Independent Study II	CP	ART3934	*	A			X	X	1	0.5	
AP Studio Art	AP	ART7421-7422	*	A			X	X	2	1.0	
AP Studio Art: Drawing	AP	ART7431-7432	*	A			X	X	2	1.0	

Students are required to take a minimum of 2 semesters or 1 credit of Practical and/or Fine Arts for graduation. All Art courses are considered Fine Arts. Art courses are academic classes requiring reading, homework assignments and tests to determine intellectual as well as skill development.

## Introduction to Art

*ART3101 – Semester 1 or 2*

*1/2 credit*

*Both Campuses: 9-10*

*Prerequisite: None*

Introduction to Art students demonstrate the skills necessary to create primarily two-dimensional art. Disciplines include drawing, painting, mixed media, and sculpture. Materials, techniques, and learning the language of art are emphasized. Introduction to Art is the required course to continue in Warren's sequential fine art program. A grade of "C" or higher is recommended for continued study in this elective course.

## Introduction to Digital Art & Design

*ART3102 – Semester 1 or 2*

*1/2 credit*

*Both Campuses: 9-10-11-12*

*Prerequisite: None*

Introduction to Digital Art & Design students will demonstrate the skills necessary to create two-dimensional, computer-based art. Disciplines include basic digital photography, Adobe Photoshop, Adobe Illustrator, and Adobe In Design. Materials, techniques, and exploration of visual communication and creative problem-solving are emphasized. Introduction to Digital Art & Design is the required course to continue in Warren's sequential digital art program. A grade of "C" or higher is recommended for continued study in this elective course.

## **Ceramics**

*ART3103 – Semester 1 or 2* *1/2 credit*  
*Both Campuses: 9-10-11-12*  
*Prerequisite: None*

The ceramics course is open to anyone with an interest in making hand-built pottery. Some exploration of pottery thrown on the potter's wheel is included in this beginning ceramics course. There are eight major projects during this semester, and most of the work is accomplished in class. All pottery produced will be evaluated for its design and technical strength. There is a Practical Final Exam for this course.

## **Sculpture**

*ART3105 – Semester 1 or 2* *1/2 credit*  
*Both Campuses: 9-10-11-12*  
*Prerequisite: None*

Students enrolled in Sculpture will develop three-dimensional art pieces through Additive, Subtractive, Manipulative and Substitution Methods of sculpture. Through each project the student will become familiar with the terms, tools and techniques used by modern sculptors. One short report will be assigned to allow each student the opportunity to increase their knowledge of sculptors and sculpture techniques. Students who have not had previous Fine Arts courses will find success and challenge in this course. Prior Fine Arts students will increase their 3-Dimensional skills.

## **Digital Photography**

*ART3107 – Semester 2* *1/2 credit*  
*Both Campuses: 9-10-11-12*  
*Prerequisite: Grades 9-10: Introduction to Digital Art & Design; Grades 11-12: None*

In Digital Photography, students will develop fine art skills to use a digital camera in a creative manner. Assignments will be based on composition, original concept, creativity, and use of design elements and principles in Adobe Photoshop. A digital camera with a USB cord is suggested for use in this class. Cameras will be available for overnight loan from the department. A \$50.00 lab fee will be charged for this course that will be used for photo paper, ink, and camera maintenance.

## **Digital Design Studio 1**

*ART3111 – Semester 2* *1/2 credit*  
*Both Campuses: 9-10-11-12*  
*Prerequisite: Grades 9-10: Introduction to Digital Art & Design; Grades 11-12: None*

In Digital Design Studio 1, students will develop the skills needed to visually solve communication problems. Digital Design Studio 1 will use hands-on groups, from the research stage through sketching and final completion on a computer. They will discover the basics of the graphic design business through using graphic arts programs such as Adobe Illustrator, Adobe InDesign, and Adobe Photoshop and working with clients in school to help to simulate a real-world experience. Students will be taught how to transform original drawings into vector images on the computer. They will develop their composition skills while utilizing the basics of Typography. Students will also receive the knowledge necessary to complete a portfolio used to market themselves to clients and college design programs. Students will need to pay a lab fee that will be used for photo paper, ink and portfolios.

## **Drawing Studio I**

*ART3113 – Semester 1 or 2* *1/2 credit*  
*Both Campuses: 9-10-11-12*  
*Prerequisite: Grades 9-10: Introduction to Art or Instructor Approval; Grades 11-12: None*

This semester-long course emphasizes skill development, self-appraisal, originality, and creativity. Students enrolled in this course are serious about improving their art knowledge and skills. Materials will include: pencil, pen, charcoal/pastel, and digital drawing using iPad technology. A grade of "C" or higher is recommended for continued study in this elective course.

## **Painting Studio I**

*ART3115 – Semester 1 or 2* *1/2 credit*  
*Both Campuses: 9-10-11-12*  
*Prerequisite: Grades 9-10: Introduction to Art or Instructor Approval; Grades 11-12: None*

This semester-long course emphasizes skill development, self-appraisal, originality, and creativity. Students enrolled in this course are serious about improving their art knowledge and skills. Materials will include: watercolor and acrylic. A grade of "C" or higher is recommended for continued study in this elective course.

## Digital Photography 2

ART3307 – Semester 2

1/2 credit

Both Campuses: 10-11-12

Prerequisite: Digital Photography

In Digital Photography 2, students will expand upon concepts learned in Digital Photography. Focus will be on using manual qualities of the digital camera, advanced Photoshop concepts and studio lighting development. Advanced lighting skills are introduced and design concepts as the *Rule of Thirds* will be emphasized using the basics of posing a model. There is an emphasis on the conceptual and expressive qualities of the photographic image. Advanced Photoshop skills are taught which will allow more manipulation and special effects of photographs. Students may use their own cameras for projects or can use a camera on loan from the department. Students will learn about photography-based careers and have a real world application with working with clients to create photography. Students will also need to pay a lab fee that will be used for photo paper, ink and camera maintenance.

## Drawing Studio II

ART3341 – Semester 1 or 2

1/2 credit

Both Campuses: 10-11-12

Prerequisite: Drawing Studio 1 or instructor approval

This semester long course is designed for the highly motivated art student. Intermediate to advanced drawing skills will be explored as students further develop creativity, and individual style. This course is recommended for students who wish to prepare for the AP Studio Art course. Students will work on individual assignments to develop a body of work using media such as pencil, ink, charcoal, and colored pencil.

## Painting Studio II

ART3342 – Semester 1 or 2

1/2 credit

Both Campuses: 10-11-12

Prerequisite: Painting Studio 1 or instructor approval.

This semester long course is designed for the highly motivated art student. Intermediate to advanced painting skills will be explored as students further develop creativity, and individual style. This course is recommended for students who wish to prepare for the AP Studio Art course. Students will work more independently to develop a body of work using media such as: acrylic, oil, and gouache.

## Advanced Ceramics II

ART3303 – Semester 1 or 2

1/2 credit

Almond Campus: 11-12

Prerequisite: Ceramics or Introduction to Art

Ceramics II is a one-semester course designed to provide students with continued exploration and extension of the techniques required to create wheel-thrown and hand-built pottery. Students will also demonstrate their understanding of the fundamentals of ceramic glaze formulas and firing processes through the completion of several advanced works of pottery. Required activities for this course include: participation in a juried show of student work, creation of a variety of ceramics produced on the wheel, completion of a series of ceramic works, completion of “non-functional” sculptural/fine art pottery, and completion of a research project that incorporates a written report on ceramics history and/or art criticism with the creation of a student ceramic work. \*Students may re-enroll in Ceramics II for an additional 1/2 credit.

## Digital Art Independent Study I

ART3937

## Digital Art Independent Study II

ART3938

Almond Campus: 11-12

1/2 credit

Prerequisite: Digital Photography II or Digital Design or Instructor recommendation.

In Digital Independent Study, you will expand on your expertise in photography and/or graphic design as well as design personal themes to guide your idea development. You will work on individualized assignments to develop a body of work using Adobe Photoshop and/or Adobe Illustrator. This course is recommended for students who are independent and self-motivated. This course may be taken up to 4 times (once per semester).

**2-D Independent Study I** ART3935  
**2-D Independent Study II** ART3936  
*Almond Campus: 11-12 1/2 credit*  
*Prerequisite: Drawing II or Painting II or Instructor recommendation.*

In 2-D Independent Study, you will expand on your expertise in drawing and/or painting as well as design personal themes to guide your idea development. You will work on individualized assignments to develop a body of work using media such as but not limited to pencil, charcoal, and acrylic. This course is recommended for students who are independent and self-motivated. This course may be taken up to 4 times (once per semester).

**Ceramics Independent Study I** ART3931  
**Ceramics Independent Study II** ART3932  
*Almond Campus: 11-12 1/2 credit*  
*Prerequisite: Ceramics II or Instructor recommendation.*

In Ceramics Independent Study, you will expand on your expertise in hand built and wheel thrown pottery as well as design personal themes to guide your idea development. You will work on individualized assignments to develop a body of work using clay, glazes, underglazes and various other media related to Ceramics. This course is recommended for students who are independent and self-motivated. This course may be taken up to 4 times (once per semester).

**Sculpture Independent Study I** ART3933  
**Sculpture Independent Study II** ART3934  
*Almond Campus: 11-12 1/2 credit*  
*Prerequisite: Sculpture or Instructor recommendation.*

Sculpture Independent Study enables students to explore a particular art form or topic. Independent Study courses serve as an opportunity for students to expand their expertise in a particular form or style, to explore a topic in greater detail, or to develop more advanced skills. This course may be taken up to 4 times (once per semester).

**AP Studio Art**  
 ART7421-7422 – Full Year 1 credit  
*Almond Campus: 11-12*  
*Prerequisite: Four semesters of Art (two semesters must be at Level 2 or above). Portfolio submission is required.*

The Advanced Placement Studio Art course is designed to allow the highly motivated art student to complete college-level work to gain college credit by submitting a portfolio in Drawing or 2-D Design to the College Board. Emphasis is on studio work, portfolio development, and submitting a portfolio to the College Board. Extensive research and documentation is required in addition to a significant amount of studio time. The Advanced Placement Studio Art course is only recommended for those students seriously committed to studying art. Students are required to complete the portfolio\*. \*The Portfolio can be developed over a two-year period and submitted once at the end of the student's senior year.

**AP Studio Art: Drawing**  
 ART7431-7432 – Full Year 1 credit  
*Almond Campus: 11-12*  
*Prerequisite: Four semesters of Art (two semesters must be at Level 2 or above). Portfolio submission is required.*

The Advanced Placement Studio Art course is designed to allow the highly motivated art student to complete college-level work to gain college credit by submitting a portfolio in Drawing or 2-D Design to the College Board. Emphasis is on studio work, portfolio development, and submitting a portfolio to the College Board. Extensive research and documentation is required in addition to a significant amount of studio time. The Advanced Placement Studio Art course is only recommended for those students seriously committed to studying art. Students are required to complete the portfolio\*. \*The Portfolio can be developed over a two year period and submitted once at the end of the student's senior year.

## BUSINESS EDUCATION

Course Name	Designation	Course #	Pre-req	Campus	FR	SO	JR	SR	Sems	Cred	NCAA
Business Foundations	CP	BUS3111		O	X	X			1	0.5	
Personal Finance	CP	BUS3113		O	X	X			1	0.5	
Multimedia Production	CP	BUS3153		O	X	X			1	0.5	
Tech Academy Foundations	CP	BUS3101		O	X	X			1	0.5	
Tech Academy Certifications	CP	BUS3102		B	X	X	X	X	1	0.5	
Introduction to Coding and Computer Science	CP	BUS3350		O	X	X			1	0.5	
Fashion Marketing	CP	BUS3121		O	X	X			1	0.5	
Record Keeping	CP	BUS3117		O	X	X			1	0.5	
Business Record Keeping	CP	BUS3119		A			X	X	1	0.5	
Accounting I	CP	BUS3231-3232		B		X	X	X	2	1.0	
Sports and Entertainment Marketing	CP	BUS3235		B		X	X	X	1	0.5	
Career Planning	CP	BUS1321		A			X	X	1	0.5	
Business Law	CP	BUS3311		A			X	X	1	0.5	
Introduction to Web Design	CP	BUS3313		A			X	X	1	0.5	
Coding Using HTML	CP	BUS3351		A			X	X	1	0.5	
Honors College Accounting	H	BUS5333-5334		A			X	X	2	1.0	
AP Computer Science Principles	AP	BUS7321-7322		A			X	X	2	1.0	
Tech Academy Plus(+)	CP	BUS3103		B	X	X	X	X	2	1.0	
Entrepreneurship	CP	BUS3422		A			X	X	1	0.5	
Business Internship	CP	BUS3321-3322		B		X	X	X	2	1.0	
Business Internship Experience	CP	BUS3323-3324		A			X	X	2	1.0	

Students are required to take a minimum of 2 semesters or 1 credit of Practical and/or Fine Arts for graduation. All Business Education courses are considered Practical Arts.

## **Business Foundations**

*BUS3111 – Semester 1*

*1/2 credit*

*O'Plaine Campus: 9-10*

*Prerequisite: None*

This course is designed to get students excited about the world of business. It serves as a background to other business courses that students may take in high school and in college, assists with consumer decision making, and prepares for future employment. Students will study business ownership, entrepreneurship, marketing, management and leadership, communication, and ethics. Small projects are included throughout the semester.

## **Personal Finance**

*BUS3113 – Semester 1 or 2*

*1/2 credit*

*O'Plaine Campus: 9-10*

*Prerequisite: None*

Students will gain knowledge of essential personal finance topics including checking and savings, budgeting, credit, investing, and insurance. A variety of projects and resources are included throughout the semester including virtual simulations, stock market investing, and other engaging activities. These experiences will give students the life skills needed to handle financial responsibilities.

## **Multimedia Production**

*BUS3153 – Semester 1 or 2*

*1/2 credit*

*O'Plaine Campus: 9-10*

*Prerequisite: None*

An introduction to digital media, this course will allow students to advance their computer skills. Various software applications are used to design, create, edit, store, and present original creations utilizing digital/sound software, image composing software, flash animation software, web-publishing software and storage media. Students will also receive a brief introduction into programming. A culminating project is completed that includes designing, implementing and publishing a website. This course is a great stepping-stone into other digital media courses such as Introduction to Web Page Design and Web Site Development Using Code.

## **Tech Academy Foundations**

*BUS3101 – Semester 1 or 2*

*1/2 credit*

*O'Plaine-Campus: 9-10*

*Prerequisite: None*

This course offers productivity skills that will be used for a lifetime. Students are introduced to the fundamentals of computer literacy using Word, PowerPoint, and Excel applications. This course is used as an introduction to industry-recognized Microsoft certifications. Students who wish to become certified should continue with Tech Academy Certifications or Tech Academy Plus.

## **Tech Academy Certifications (Dual Credit)**

*BUS3102 – Semester 1 or 2*

*1/2 credit*

*Both Campuses: 9-10-11-12*

*Prerequisite: None*

This course gives students the power to select their own pathway by learning Microsoft Office (MOS) or Information Technology (IT) Specialist. The programs provide industry-leading assessments of skills and knowledge through project-based testing, giving students real-world exercises to appraise their understanding of Microsoft and entry level IT skills. Students earn industry recognized certifications. Students may take this course multiple times and have an individualized plan to best meet their academic needs. Students will have the opportunity to earn dual credit with the College of Lake County.

## **Introduction to Coding and Computer Science**

*BUS3350 – Semester 1 or 2*

*1/2 credit*

*O'Plaine Campus: 9-10*

*Prerequisite: None*

This course empowers students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun. Students are introduced to tools and programming languages that are accessible for beginners while offering more advanced students opportunities to create sophisticated projects. Not only will this semester prepare students for AP Computer Science Principles, it will teach students how to think computationally and solve complex problems, skills that are important for every student.

## **Fashion Marketing**



*BUS3121 – Semester 1 or 2*  
*O'Plaine Campus: 9–10*  
*Prerequisite: None*

*1/2 credit*

Fashion Marketing is a course designed to enhance the student's knowledge of the global fashion industry. The course is intended for students interested in the fields of fashion design, retailing, marketing, and visual merchandising. This course will serve to complement other business courses one may take in high school and/or a college setting. A wide variety of active learning projects are included throughout the curriculum to strengthen the understanding of fashion design and fashion marketing.

### **Record Keeping**

*BUS3117 – Semester 1 or 2*  
*O'Plaine Campus: 9-10*  
*Prerequisite: None*

*1/2 credit*

Preparing both personal finance and basic business records is the focus of this course. Students will learn to maintain a checking account, budget, and credit records. In addition, students will learn to prepare sales slips and receipts, prove cash and maintain bank records. This course is designed as an alternative to Accounting, especially for those who wish to pursue an office position. Microsoft Excel is utilized in this course.

### **Business Record Keeping**

*BUS3119 – Semester 1 or 2*  
*Almond Campus: 11-12*  
*Prerequisite: None*

*1/2 credit*

Students will learn to prepare records kept in an office; primarily accounts receivable, accounts payable, stock and inventory records and the creation of financial statements. Business Record Keeping is designed as a pre-Accounting course, especially for those who wish to pursue an office position.

### **Accounting I**

*BUS3231-3232 – Full Year*  
*Both Campuses: 10-11-12*  
*Prerequisite: None*

*1 credit*

This course is highly recommended for students considering a post-secondary major in any area of business or preparing for employment. Basic accounting procedures including double entry accounting, the use of various journals, and the creation and interpretation

of financial statements will be emphasized. Technology will be integrated throughout the course. With this course, students majoring in any area of business will be prepared for success in future accounting courses.

### **Sports and Entertainment Marketing**

*BUS3235 – Semester 1 or 2*  
*Both Campuses: 10-11-12*  
*Prerequisite: None*

*1/2 credit*

This highly engaging interactive class will emphasize marketing principles through exposure to professional/local sports teams, WTHS events, and the entertainment industry. The areas this course will cover include target marketing, sponsorships, event planning, promotions, and implementation of marketing plans. Virtual sports simulations, guest speakers, and projects will enhance student knowledge.

### **Career Planning**

*BUS1321 – Semester 1 or 2*  
*Almond Campus: 11-12*  
*Prerequisite: None*

*1/2 credit*

This course enables students to make a successful connection from school to career and life. Students will expand their employability skills. Resume writing, cover letters, email communication, networking, job applications and interviewing will be covered. Students will develop their own career path based on their interests, aptitudes, abilities and values. Students will learn education and training requirements for career choices. Financial lessons on paying for college and/or post-secondary training, taxes, and budgeting are included.

### **Business Law**

*BUS3311 – Semester 1 or 2*  
*Almond Campus: 11-12*  
*Prerequisite: None*

*1/2 credit*

This class is designed for students interested in law, those considering a career in the field of law, and those planning to major in any area of business. Course outcomes include developing an understanding of the court system, contract law, commercial paper, bankruptcy, and employment rules and regulations. Students participate in discussions regarding current legal events, review cases and verdicts, and conduct internet searches.

## **Introduction to Web Design**

*BUS3313 – Semester 1 or 2*

*1/2 credit*

*Almond Campus: 11-12*

*Prerequisite: None*

This course is an introduction to Web page design and creation using Web design software programs. Students will become familiar with the basic concepts of Web design and color with an emphasis on designing for visual appeal and user-friendly navigation. Students will study: Adding Web Pages, Links, and Images; Tables and Page Layout; Forms; Templates and Style Sheets; Image Maps, and Navigation Bars; Page Layout with Frames; Animation and Behaviors; and Media Objects. Students will also leave the course with the skills to publish and maintain their Web sites. There is no prerequisite.

## **Coding Using HTML**

*BUS3351 – Semester 1 or 2*

*1/2 credit*

*Almond Campus: 11-12*

*Prerequisite: None*

In this course students are introduced to the technical and aesthetic aspects of website creation using code. Through the use of HTML, XHTML, CSS programming, students will create websites that allow for creativity and originality. Topics presented in this course include planning and creating a mobile site, integrating social media, and incorporating images, audio and videos. Every student will leave the course with the skills to publish and maintain their own websites. There is no prerequisite.

## **Honors College Accounting**

*BUS5333-5334– Full Year*

*1 credit*

*Almond Campus: 11-12*

*Prerequisite: None*

This course is definitely for if you will be pursuing a degree in business. The year-long course covers all the learning objectives of a traditional college level financial accounting course, plus those from a managerial accounting course. Topics include the preparation and analysis of financial statements, break-even point, time value of money, accounting for merchandising and manufacturing firms, partnership accounting, and financial ratio analysis. Upon completion, students will be fully prepared for success in college accounting classes.

## **AP Computer Science Principles**

*BUS7321-7322– Full Year*

*1 credit*

*Almond Campus: 11-12*

*Prerequisite: None*

Computer Science Principles is a full-year, rigorous, that introduces high school students to the foundations of modern computing. The course covers a broad range of foundational topics such as programming, algorithms, the Internet, big data, digital privacy, digital security, and the societal impacts of computing. Computer Science Principles instills the ideas and practices of computational thinking and invites students to understand how computing changes the world. Students will use programming as a means to solve computational problems and create exciting and personally relevant creations. Students design an app and research computing innovations as part of the AP Computer Science Principles exam.

## **Tech Academy Plus (+) (Dual Credit)**

*BUS3103 –Semester 1 or 2*

*1 credit*

*Both Campuses: 9-10-11-12*

*Prerequisite: None*

This course guarantees a technology internship unit that helps support WTHS student Chromebooks. The tech support environment will provide students with skills necessary to troubleshoot and repair Chromebooks, utilize data tracking software, and train students in customer service. Students will also complete Tech Academy Certification units of their choice by selecting their own pathway towards learning Microsoft Office (MOS) or Information Technology (IT) Specialist. Industry recognized certifications are earned. Students may take this course multiple times and have an individualized plan to best meet their academic needs. Students will have the opportunity to earn dual credit with the College of Lake County.

## **Entrepreneurship**

*BUS3422– Semester 1*

*1/2 credit*

*Almond Campus: 11-12*

*Prerequisite: None*

Students learn how to generate business ideas; create a business plan, mission and vision; and promote and market a company. Topics include identifying business opportunities, business planning, financing, company valuation, and business management. This course is intended for those students interested in studies in business management, business administration, and

entrepreneurial education. A professional business plan will be completed.

### **Business Internship**

*BUS3321-3322 – Semester or Full Year 0.5 or 1 credit*

*Both Campuses: 10 – 11 -12*

*Prerequisites: None*

The internship program gives students the opportunity to gain real life work experience. It is designed to help students explore interests, apply principles and practices from other courses, and develop skills that will prepare them for post-secondary success. A variety of in house internships will be available. Examples of opportunities include social media marketer, website developer, public relations, advertiser, event planner, and office clerk. The classroom instruction helps students learn about the business environment and how to plan for a successful career in the 21<sup>st</sup> century. A training plan for each student will be developed and approved by the teacher.

### **Business Internship Experience**

*BUS3323-3324 – Full Year*

*1 credit*

*Almond Campus: 12*

*Prerequisites: Sixteen years of age when school starts.*

The internship experience is designed to allow students a chance to experience working in their area of career focus while in high school with an early release period each day of school. Students will be interviewed before school begins regarding their career focus to secure a job in this area. This experience will allow students to gain work understanding while earning income during the school year. It will provide the student with an opportunity to become acquainted with the values important for success in the world of work. Students have the opportunity to receive up to 7 hours credit at the College of Lake County from the Business Internship Experience.

To obtain credit for the business internship experience, all students must be employed by the end of the third week of school and remain employed throughout each semester. Students are required to work a minimum of 15 hours per week and must turn in their paycheck stubs for each pay period during the school year. Students are not allowed to be employed by relatives or family members. The wages earned must follow federal and state regulations for employment in the state of Illinois, including all appropriate taxes. A partnership agreement must be signed between the student, parent, and employer. The employer will fill out evaluation forms throughout the semester to help the student improve the internship experience.

# DRIVER EDUCATION

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Course Name	Designation	Course #	Pre-req	Campus	FR	SO	JR	SR	Sems	Cred	NCAA
Driver Education	CP	DRE3211		O		X			1	0.5	

## Driver Education\*

*DRE3211 – Semester 1 or 2*

*1/2 credit*

*O'Plaine Campus: 10*

*Prerequisite: None*

This course provides students with the basic skills and knowledge needed to obtain their driver's license by integrating classroom instruction and behind the wheel experience. Students must pass both to obtain their license. Students enrolled must be at least 15 and have a social security number. Students must have a permit within the first week of class. State law requires a student to have passed a total of eight courses the previous two semesters to be eligible. Course fee plus Permit fee: \$20.00, paid to the Secretary of State at the time of permit application. Any student who does not have a permit by the sixth day of the course will be dropped. Course fee to apply.

\*Due to changes in Illinois legislation there is a chance that we may not run this course. All students that request this course will be put on a waiting list until a final decision is made.

# ENGLISH

Course Name	Designation	Course #	Pre-req	Campus	FR	SO	JR	SR	Sems	Cred	NCAA
ELL Literature	CC	ELL1119-1120	*	B	X	X	X	X	2	1.0	
ELL English	CC	ELL1121-1122	*	B	X	X	X	X	2	1.0	
English I	CC	ELL1123-1124	*	O	X				2	1.0	
Reading I	CC	ELL1103-1104	*	O	X				2	1.0	
English I Intensive	CC	SWS1131-1132		O	X				2	1.0	
Reading Improvement	CC	SWS1133-1134	*	O	X				2	1.0	
English I	CP	ENG3111-3112		O	X				2	1.0	X
Honors English I	H	ENG5111-5112	*	O	X				2	1.0	X
ELL Literacy	CC	ELL1101-1102		B		X	X	X	2	1.0	
English II	CC	ELL1225-1226	*	O		X			2	1.0	
English II Intensive	CC	ENG1209-1210	*	O		X			2	1.0	
Sophomore Reading Readiness	CC	ENG1213-1214	*	O		X			2	1.0	
English II	CP	ENG3211-3212	*	B		X	X		2	1.0	X
Honors English II	H	ENG5211-5212	*	O		X			2	1.0	X
English III	CC	ELL1327-1328	*	A			X		2	1.0	
English III	CP	ENG3311-3312	*	A			X	X	2	1.0	X
English III Intensive	CC	ENG1309-1310	*	A			X	X	2	1.0	
Honors English III	H	ENG5311-5312	*	A			X		2	1.0	X
AP Language and Composition	AP	ENG7331-7332	*	A			X		2	1.0	X
Science Fiction	CP	ENG3435	*	A			X	X	1	0.5	X
Mystery and Crime Novels	CP	ENG3441		A			X	X	1	0.5	X
Advanced Composition	CP	ENG3331	*	A			X	X	1	0.5	X
Creative Writing	CP	ENG3337	*	A			X	X	1	0.5	X
English IV	CC	ELL1409-1410	*	A				X	2	1.0	
Contemporary Literature	CC	ENG1411	*	A				X	1	0.5	
Honors Language and Composition	H	ENG5433-5434	*	A				X	2	1.0	X
Honors English Literature I	H	ENG5431-5432	*	A				X	2	1.0	X
Language and Composition	CP	ENG3447-3448	*	A				X	2	1.0	X
Themes in Literature and Composition	CP	ENG3449-3450	*	A			X	X	2	1.0	X
Ancient Literature: Myths and Legends	CP	ENG3439		A				X	1	0.5	X
Modern World Literature	CP	ENG3443		A				X	1	0.5	X
Lit and Film Comparative Studies	CP	ENG3445	*	A				X	1	0.5	X
AP Literature and Composition	AP	ENG7431-7432	*	A				X	2	1.0	X

Students are required to take 8 semesters or earn 4 credits of English to graduate.

Course Designations: AP – Advanced Placement; H – Honors, CP – College Prep, CC – College Core

## ELL Literature

ELL1119-1120 – Full Year 1 credit

Both Campuses: 9-10-11-12

*Prerequisite: A lack of literacy in written and spoken English and/or a score between the 0 and 50<sup>th</sup> percentile on a nationally normed assessment of English proficiency.*

ELL reading is an elective support course for the ELL English classes. The primary function of the class is to develop students' ability to read in English and to provide reading support and strategies for the English Language Learner.

## ELL English

ELL1121-1122 – Full Year 1 credit

Both Campuses: 9-10-11-12

*Prerequisite: A lack of literacy in written and spoken English and/or a score between the 0 and 50<sup>th</sup> percentile on a nationally normed assessment of English proficiency.*

ELL English is for students whose first language is not English. It is designed for English Language Learners that range from the Preproduction and Early Production stages of language acquisition. Students must qualify for this class based on the results of a language proficiency test. In this class, students will learn survival English as well as academic English. Instruction is primarily oral with the use of graphics, visuals, literature, and group work. The primary focus of this class is English language acquisition and understanding of the culture of American schools. Upon successfully completing this course, students will be beginner readers and will be able to construct simple sentences in English.

## English I

ELL1123-1124 – Full Year 1 credit

O'Plaine Campus: 9

*Prerequisite: A lack of literacy in written and spoken English and/or a score between the 0 and 50<sup>th</sup> percentile on a nationally normed assessment of English proficiency.*

This English I course is for students whose first language is not English. It is designed for English Learners that range from Speech Emergence to Intermediate Fluency/Fluency. Students must qualify for this class based on the results of a language proficiency test. Instruction is primarily oral with the use of graphics, visuals, literature, and group work. There is a higher emphasis on reading, but reading is not the primary

source for information. The primary focus of this class is academic language acquisition. The English I curriculum is followed and modified to meet the language needs of the students. Upon successfully completing this course, students will be able to comprehend simple to complex literature; begin to organize sentences into meaningful text; be able to identify the main idea of a piece of literature; write about a piece of literature; and increase their social and academic vocabularies.

## Reading I

ELL1103-1104 – Full Year

1 credit

O'Plaine Campus: 9

*Prerequisite: Concurrent Enrollment in English I*

This course is designed for the EL student who is unable to read English texts. An emphasis is placed on the development of the basic reading skills necessary for literacy in English. Students enroll in this course for two semesters.

## English I Intensive

SWS1131-1132 – Full Year

1 credit

O'Plaine Campus: 9

*Prerequisite: None*

In this one-period class, students will review, develop, and practice the academic skills in reading, writing, listening and speaking that are necessary for success in high school English courses. These skills include composition, grammar, critical reading, and vocabulary acquisition.

## Reading Improvement

SWS1133-1134 – Full Year

1 credit

O'Plaine Campus: 9

*Prerequisite: Department recommendation.*

This course is designed to help students improve their narrative and expository reading skills. Diagnostic tests are given to determine students' strengths and weaknesses. Group mastery learning is used to help students' correct deficiencies and improve comprehension, vocabulary, study skills, and reading rate. An emphasis is placed on the development of the critical reading skills necessary to allow students to successfully comprehend the informational texts they use in their high school courses.

## English I

ENG3111-3112 – Full Year

O'Plaine Campus: 9

Prerequisite: None

Students will review, develop, and practice the academic skills in reading, writing, and comprehension that are necessary for success in high school English courses. These skills include composition, grammar, critical reading, vocabulary acquisition and a variety of academic writing styles.

## Honors English I

ENG3111-3112 – Full Year

O'Plaine Campus: 9

Prerequisite: Recommendation based on English Department criteria or meeting/exceeding grade level standards in reading.

Students will review, develop and practice the academic skills necessary for success in high school Honors English courses. These skills include composition, grammar, critical reading, vocabulary acquisition and literary analysis. Students read and write extensively at an accelerated pace, as well as incorporate a variety of cooperative and individualized learning strategies into the completion of complex oral, written, and creative projects.

## ELL Literacy

ELL1101-1102 – Full Year

Both Campuses: 10-11-12

Prerequisite: None

This course is for the EL student who has limited abilities to read English texts. An emphasis is placed on the development of the critical reading necessary for the comprehension of narrative and informational high school texts. Students focus on the completion of assigned homework from all classes as well as weekly English language skills assignments focusing on grammar and writing. Students enroll in this course for two semesters. This course is considered an English elective.

## NCAA

1 credit

## NCAA

1 credit

## English II

ELL1225-1226 – Full Year

O'Plaine Campus: 10

Prerequisite: A lack of literacy in written and spoken English and/or a score between the 0 and 50<sup>th</sup> percentile on a nationally normed assessment of English proficiency.

This English II course is for students whose first language is not English. It is designed for English Learners that range from Speech Emergence to Intermediate Fluency/Fluency. Students must qualify for this class based on the results of a language proficiency test, and/or the student must have successfully completed English I if he/she is in his/her second year at Warren.

Instruction is provided in a variety of ways to meet the needs of the students. Teachers rely on oral instruction combined with the use of graphics, visuals, literature, and group work. There is a strong emphasis on reading, as reading is becoming the primary source for information. Authentic, age appropriate literature is used as the main source for curricular study. The English II curriculum is followed and modified to meet the language needs of the students with the primary focus of this class being the acquisition of academic language in relation to English literature. Upon completing this class, students will be able to read complex literature, identify main ideas and supporting details, read for understanding, write complex sentences, use tenses correctly, organize writing in an appropriate manner, and have improved social and academic vocabularies.

## English II Intensive

ENG1209-1210 – Full Year

O'Plaine Campus: 10

Prerequisite: Successful completion of one semester of English I and two or more years below grade level in reading.

Students will continue to develop their reading, writing, listening, and speaking skills as well as work on grammar and vocabulary acquisition. Units of literature will be used for reading improvement, critical thinking, and literary analysis. Students will write a variety of essays and apply reading strategies.

1 credit

1 credit

## **Sophomore Reading Readiness**

*ENG1213-1214 – Full Year*

*1 credit*

*O'Plaine Campus: 10*

*Prerequisite: Department recommendation.*

This course is designed to help students improve their narrative and expository reading skills. Diagnostic tests are given to determine students' strengths and weaknesses. Group mastery learning is used to help students correct deficiencies and improve comprehension, vocabulary, study skills, and reading rate. An emphasis is placed on the development of the critical reading skills necessary to allow students to successfully comprehend the informational texts they use in their high school courses.

## **English II**

*ENG3211-3212 – Full Year*

**NCAA**

*1 credit*

*Both Campuses: 10-11*

*Prerequisite: Successful completion of one semester of English I.*

Students will continue to develop their reading, writing, and comprehension skills through the study and analysis of selected literary works and through research. Students will complete a variety of projects using the cooperative process and individualized learning strategies.

## **Honors English II**

*ENG5211-5212 – Full Year*

**NCAA**

*1 credit*

*O'Plaine Campus: 10*

*Prerequisite: Successful completion of one semester of English I and recommendation based on English Department criteria or meeting/exceeding grade level standards in reading.*

Students will review, acquire and practice the academic skills necessary for success in high school AP English courses. These skills include research, composition, grammar, critical thinking, vocabulary acquisition and literary analysis. Students read and write at an accelerated pace with honors-level expectations.

## **English III**

*ELL1327-1328 – Full Year*

*1 credit*

*Almond Campus: 11*

*Prerequisite: A lack of literacy in written and spoken English and/or a score between the 0 and 50<sup>th</sup> percentile on a nationally normed assessment of English proficiency.*

This English III course is for students whose first language is not English. Students must qualify for this class based on the results of a language proficiency test, and/or the student must have successfully completed English II if he/she is in his/her second year at Warren. Instruction is provided in a variety of ways to meet the needs of the students. Teachers rely on oral instruction combined with the use of graphics, visuals, literature, and group work. Authentic, age appropriate literature is being used as the main source for curricular study. The English III curriculum is followed and modified to meet the language needs of the students with the primary focus of this class being the acquisition of academic language in relation to English literature.

## **English III Intensive**

*ENG1309-1310 – Full Year*

*1 credit*

*Almond Campus: 11-12*

*Prerequisite: Successful completion of one semester of English II.*

This course provides a positive and accessible alternative for students who are two years or more behind in reading. Students will receive much of the same content as the students of regular English III. The course will be modified through the use of supplemental materials and abridged versions of some of the major texts and fewer minor works within units of study. Through an examination of prominent American authors and literary works, students will discern the thematic uniqueness of American literature and specific literary movements. Students will develop more advanced reading, writing and speaking skills as they study American novels, drama and shorter works of fiction, non-fiction, and poetry. Students will write a variety of essays and utilize various forms of technology to display their understanding of the material covered within the course.



**English III**

ENG3311-3312 – Full Year

Almond Campus: 11-12

*Prerequisite: Successful completion of one semester of English II.*

Through an examination of prominent authors and literary works, students will develop more advanced reading, writing, and speaking skills as they study novels, drama, and shorter works of fiction, non-fiction, and poetry. Students will write a variety of formal persuasive compositions including a research-based paper.

**Honors English III**

ENG5311-5312– Full Year

Almond Campus: 11

*Prerequisite: Recommendation based on English Department criteria or meeting/exceeding grade level standards in reading.*

Honors English 3 is a year-long course for college bound juniors. Students will review, acquire and practice the academic skills necessary for success in high school dual credit or AP English courses. These skills include research, composition, grammar, critical thinking, vocabulary acquisition, and literary analysis, and multi-modal presentations. Students read and write at an accelerated pace with honors-level expectations. This reading and writing intensive course will also emphasize ACT/SAT test preparation and group discussion.

**AP Language and Composition**

ENG7331-7332 – Full Year

Almond Campus: 11

*Prerequisite: Recommendation based on English Department criteria or meeting/exceeding grade level standards in reading.*

This course is for students who wish to participate in a challenging composition course as well as the intensive study and analysis of American literature. As a component of the independent study that is essential to this course, students are expected to complete a reading and writing assignment over the summer. This assignment will be due during the first week of the new school year. This course does fulfill the English III requirement for graduation.

**NCAA**

1 credit

**Science Fiction**

ENG3435 – Semester 1 or 2

Almond Campus: 11-12

*Prerequisite: Successful completion of Honors American Studies, English III, or AP Language and Composition.*

Science fiction is the literature of ideas. This course will use definitive science fiction such as Ray Bradbury's *Fahrenheit 451*, Alan Moore's *Watchmen*, and Stanley Kubrik's *2001: A Space Odyssey* to teach the theories and themes that make the genre of science fiction relevant to contemporary society. Students will strengthen their reading, writing, and visual literacy skills through a variety of practical assessments.

**Mystery and Crime Novels**

ENG3441 – Semester 1 or 2

Almond Campus: 12

*Prerequisite: None*

The Mystery Novel and The Crime Novel. Students will read, analyze, and discuss Agatha Christie, Sir Arthur Conan Doyle, Rex Stout, Raymond Chandler, Dashiell Hammett, and others. This will be a writing intensive course that will explore the mystery novel as a genre—its history, its elements, and its future.

**Advanced Composition**

ENG3331 – Semester 1 or 2

Almond Campus: 11-12

*Prerequisite: Successful completion of one semester of English II.*

This course is designed for students who want to strengthen their writing skills in an intensive composition course. Students will write major papers throughout the semester in the following rhetorical modes: narrative, persuasive, descriptive, cause/effect, and definition. This course will emphasize the writing process that results in a successful composition. Students will write a final research project that incorporates the skills and strategies learned during the course of the semester. This course is especially recommended for college-bound seniors.

**NCAA**

1/2 credit

**NCAA**

1/2 credit

**NCAA**

1/2 credit

**Creative Writing***ENG3337 – Semester 1 or 2**Almond Campus: 11-12**Prerequisite: Successful completion of one semester of English II.***NCAA***1/2 credit*

This is a writing workshop-style class designed to teach students the basics of creative writing. Students will study the style of professional authors of various modes of creative writing and then practice the writing process in order to create pieces that both demonstrate a personal writing style and original self-expression.

**English IV***ELL1409-1410 – Full Year**1 credit**Almond Campus: 12**Prerequisite: A lack of literacy in written and spoken English and/or a score between the 0 and 50th percentile on a nationally normed assessment of English proficiency.*

This course is designed to meet the needs of students who are limited English proficient. Content is used to enhance English language acquisition in the areas of listening, speaking, reading and writing. This course is designed to be an intensive reading course that uses literature from various genres to enhance reading skills. Students will be exposed to various reading strategies and will be expected to respond to reading in both oral and written formats.

**Contemporary Literature***ENG1411 – Semester 1 or 2**1/2 credit**Almond Campus: 12**Prerequisite: Two or more years behind grade level in reading.*

This course provides a positive and accessible alternative for students who are two years or more behind in reading and have completed the Basic English III course. Through an examination of various themes found in contemporary literature, students will focus on the thematic uniqueness of contemporary fiction. Students will develop more advanced reading, writing and speaking skills as they study contemporary novels and shorter works of fiction and poetry.

**Honors Language and****Composition (Dual Credit)****NCAA***ENG5433-5434 – Full Year**1 credit**Almond Campus: 12**Prerequisite: A score of 470 or better on the PSAT10 or PSAT Evidence-Based Reading/Writing Section or Unweighted GPA of 3.0 or better after 5 semesters of High School, and successful completion of English III or meeting/exceeding grade level standards in reading.*

This course is designed to help students develop their competence in college-level writing and in the analysis of texts so they can enter the dialogue of the academic community. This course includes the analysis and practice of argument and use of critical thinking to read, analyze, and produce college-level texts. Upon successful completion of this course students will be able to demonstrate the ability to organize, develop, and support his/her ideas in vivid, clear writing; analyze a wide variety of texts including visual media, in their social, historical, and rhetorical contexts; develop critical stances for reading and writing across academic disciplines; apply knowledge of the rhetorical context for writing essays for various audiences and purposes; use critical thinking to analyze texts and create well-reasoned academic arguments, and demonstrate the ability to integrate other sources into his or her writing using appropriate research and documentation techniques.

Students completing both semesters of Honors Language and Composition may receive 3 transferrable "English 121" college credits through CLC at no cost, dependent upon meeting the CLC course prerequisites and grade requirements. Students will receive grades on both their WTHS and CLC transcripts. The average WTHS grade for both semesters of this course will be the same as the CLC grade for this course.

**Honors English Literature I****NCAA***ENG5431-5432 – Full Year**1 credit**Almond Campus: 12**Prerequisite: Successful completion of Honors American Studies.*

Students will study the literature of England and trace its development from the pagan Anglo-Saxon society through the twentieth century. The emphasis will be on the major works: Beowulf, the King Arthur tales, The Canterbury Tales, a Shakespearean play Paradise Lost and Frankenstein. Students will complete a variety of

oral, written, and creative assignments with special emphasis on literary and poetic analysis.

### **Language and Composition**

**NCAA**

*ENG3447-3448 – Full Year*

*1 credit*

*Almond Campus: 12*

*Prerequisite: A score of less than 470 on the PSAT10 or PSAT Evidence-Based Reading/Writing Section and successful completion of English III.*

This course is designed to provide experience with critical reading, writing, thinking, and research skills to prepare for college-level coursework. Upon successful completion of this course, students will be able to identify issues, define vital questions, and analyze evidence that leads to well-reasoned judgments and conclusions; compose well-organized and well-supported texts and demonstrate the ability to integrate the ideas of others; comprehend a variety of texts in order to enhance understanding of content and make inferences that lead to new insights and ideas; analyze new information to develop and answer questions, develop new questions and create knowledge through participating in learning communities and identify concrete ways to contribute to a fair and just world.

Students who successfully complete the portfolio review will earn College Reading and Writing Readiness at CLC. College Reading and Writing Readiness allows students to enroll in the first credit-level English course as well as many other courses at CLC after they graduate from WTHS.

### **Themes in Literature and Composition**

**NCAA**

*ENG3449-3450 – Full Year*

*1 credit*

*Almond Campus: 11-12*

*Prerequisite: Successful completion of English III, Honors American Studies – English III, or AP Language and Composition.*

This year-long course is designed to provide experience with critical reading, writing, thinking, and research skills within a wide variety of thematic units to prepare for college-level coursework. This course includes the analysis and practice of argument and the use of critical thinking to read, analyze, and produce a wide variety of texts in various modes. Upon successful completion of this course, students will be able to identify issues, define vital questions, and analyze evidence that leads to well-reasoned judgments and conclusions; compose well-organized and well-supported texts and

demonstrate the ability to integrate the ideas of others; comprehend a variety of texts in order to enhance understanding of content and make inferences that lead to new insights and ideas; analyze information to develop and answer questions, develop new questions and create knowledge through participating in learning communities and identify concrete ways to contribute to a fair and just world.

### **Ancient Literature: Myths and Legends**

**NCAA**

*ENG3439 – Semester 1 or 2*

*1/2 credit*

*Almond Campus: 12*

*Prerequisite: Successful completion of English III, Honors American Studies – English III, or AP Language and Composition.*

Students will explore an array of multicultural myths and legends from around the globe. Students will also delve into the traditional Greek/Roman mythology. Some major works include The Epic of Gilgamesh, The Iliad, and Dante's Inferno. Students will complete a variety of written, oral, and creative assignments on the literary works studied during the semester.

### **Modern World Literature**

**NCAA**

*ENG3443 – Semester 1 or 2*

*1/2 credit*

*Almond Campus: 12*

*Prerequisite: Successful completion of English III, Honors American Studies – English III, or AP Language and Composition.*

World Literature is a broad one-semester course in the literature of diverse nations and cultures. There is a variety of genres that will be examined throughout the semester including drama, poetry, short stories, literary criticisms and novels. As a student of this course, you will be evaluated on your critical reading of the literature through a variety of measures of achievement.

**Lit and Film Comparative Studies****NCAA***ENG3345 – Semester 1 or 2**1/2 credit**Almond Campus: 12*

*Prerequisite: Successful completion of English III, Honors American Studies – English III, or AP Language and Composition.*

In this engaging, rigorous course of study, students will critically examine and compare the achievements of prolific authors and filmmakers through (1) the examination of prominent literary works and award winning films and (2) the application of critical structures. Students will develop more advanced reading, writing, speaking, listening, and critical thinking skills as they study two novels, shorter works of fiction, non-fiction texts, and films from a variety of genres. Students will complete a variety of formal assignments, including a research project and formal critical analysis essays. This course will emphasize the underlying structures of literary and film analysis, such as the Aristotelian Model of Rhetorical Analysis and Joseph Campbell's Hero Cycle.

**AP Literature and Composition****NCAA***ENG7431-7432 – Full Year**1 credit**Almond Campus: 12*

*Prerequisite: Recommendation based on departmental criteria or meeting/exceeding grade level standards in reading.*

This course is for students who wish to participate in a challenging and intensive study and analysis of literature through extensive reading and writing. As a component of the independent study that is essential to this course, students are expected to read literary works and complete corresponding assignments over the summer. Students will be tested on this literature during the first week of the new school year.

# INDUSTRIAL TECHNOLOGY

Course Name	Designation	Course #	Pre-req	Campus	FR	SO	JR	SR	Sems	Cred	NCAA
Multimedia Production	CP	IND3110		O	X	X			1	0.5	
Woods I	CP	IND3121		B	X	X	X	X	1	0.5	
Intro to Architecture and Engineering	CP	IND3151		O	X	X			1	0.5	
Digital Video Production	CP	IND3115		O	X	X			1	0.5	
Graphic Design	CP	IND3131		O	X	X			1	0.5	
Graphic Printing I	CP	IND3133		O	X	X			1	0.5	
Engineering I	CP	IND3181	*	B	X	X	X	X	1	0.5	
Engineering II	CP	IND3281	*	B		X	X	X	1	0.5	
Graphic Printing II	CP	IND3135	*	O	X	X			1	0.5	
Graphic Printing III	CP	IND3237	*	O		X			1	0.5	
Woods II	CP	IND3122	*	B	X	X	X	X	1	0.5	
Woods III	CP	IND3123	*	B		X	X	X	1	0.5	
Architecture and Interior Design I	CP	IND3193	*	B	X	X	X	X	1	0.5	
Architecture and Interior Design II	CP	IND3393	*	A			X	X	1	0.5	
DIY	CC	IND3370	*	A			X	X	1	0.5	
Graphic Printing IV	CC	IND1130	*	A			X	X	1	0.5	
Woods IV	CP	IND3124	*	A			X	X	1	0.5	
DIY II	CP	IND3125	*	A			X	X	1	0.5	
Advanced Architecture and Engineering	CP	IND3351	*	A			X	X	1	0.5	
CAM I	CP	IND3377	*	A			X	X	1	0.5	
CAM II	CP	IND3378	*	A			X	X	1	0.5	
Introduction to Engineering Design	H	IND5161-5162		O	X				2	1.0	X
Principles of Engineering	H	IND5261-5262	*	O		X			2	1.0	X
Digital Electronics	H	IND5361-5362	*	A			X		2	1.0	X
Engineering Design and Development	H	IND5461-5462	*	A				X	2	1.0	X

Students are required to take a minimum of 2 semesters or 1 credit of Practical and/or Fine Arts for graduation. All Industrial Technology courses are considered Practical Arts.

## **Multimedia Production**

*IND3110 – Semester 1 or 2*

*1/2 credit*

*O'Plaine Campus: 9-10*

*Prerequisite: None*

An introduction to digital media, this course will allow students to advance their computer skills. Various software applications are used to design, create, edit, store, and present original creations utilizing digital/sound software, image composing software, flash animation software, web-publishing software and storage media. A culminating project is completed that includes designing, implementing and publishing a website. This course is a great stepping-stone into other digital media courses such as Introduction to Web Page Design and Web Site Development Using Code.

## **Woods I**

*IND3121– Semester 1*

*1/2 credit*

*Both Campuses: 9-10-11-12*

*Prerequisite: None*

This introductory course is designed to familiarize students to the various career opportunities associated with industrial production processes. Students will learn through hands-on activities that include fine woodworking and manufacturing. Course content will be taught using a combination of lecture, demonstration and hands-on lab activities. Fees will be assessed for personal project materials.

## **Intro to Architecture and Engineering**

*IND3151 – Semester 1 or 2*

*1/2 credit*

*O'Plaine Campus: 9-10*

*Prerequisite: None*

This is an introductory course designed for those students who have an interest in the areas of architecture and/or engineering. Coursework will consist of the development of a residential floor plan along with exploring the engineering process. Students will experience computer aided design as well as hands on projects.

## **Digital Video Production**

*IND3115 – Semester 1 or 2*

*1/2 credit*

*O'Plaine Campus: 9-10*

*Prerequisite: None*

Throughout this course, students will learn to utilize editing software to create dynamic videos. Students will learn about the history of broadcasting and its effects on

society. Students will operate cameras and tripods while learning different techniques to create a visually appealing product. The course will also enable the students to edit their own videos while adding soundtracks, voiceovers, and special effects. Students will be using industry standard editing software and equipment.

## **Graphic Design**

*IND3131 – Semester 1 or 2*

*1/2 credit*

*O'Plaine Campus: 9-10*

*Prerequisite: None*

This course is designed for students to explore the fundamentals of Graphic Design and Desktop Publishing. This course will focus on the software and techniques that are used to create the artwork and elements that go into printed products or web pages. The software involved in the course projects includes photo editing, image design and generation, page layout, and elementary animation software.

## **Graphic Printing I**

*IND3133 – Semester 1 or 2*

*1/2 credit*

*O'Plaine Campus: 9-10*

*Prerequisite: None*

In this course students will have an opportunity to explore the Graphic Design and Printing Industry. The Graphic Design work involves software to create personal designs. Screen printing equipment will then be used to turn the personal designs into printed products such as T-shirts.

## **Engineering I**

*IND3181 – Semester 1 or 2*

*1/2 credit*

*Both Campuses: 9-10-11-12*

*Prerequisite: Introduction to Architecture & Engineering or Jr./Sr. status.*

The focus of this course is on the Engineering process. Students will use computer software as well as other equipment needed to research, design & construct projects. Projects will be based in both 2D & 3D computer aided design. Students will work on modeling parts, creating assemblies, as well as building physical models and prototypes. Students pursuing any technical field are encouraged to enroll in this course.

## Engineering II

IND3281 – Semester 1 or 2

1/2 credit

Both Campuses: 10-11-12

Prerequisite: Engineering I

This course expands upon the Engineering process and problem solving skills gained in Engineering I and is intended for those students planning to pursue careers in engineering and other technology-oriented fields. The course projects deal with specific Engineering fields including, but not limited to, Civil, Mechanical, Electrical, and Aerospace.

## Graphic Printing II

IND3135 – Semester 1 or 2

1/2 credit

O'Plaine Campus: 9-10

Prerequisite: Graphic Printing I or Graphic Design

In this course students will have an opportunity to take a more in-depth look into the Graphic Design and Printing Industry. The Graphic Design work will continue to involve software to create personal designs. The main focus will be using more advanced Screen Printing and Offset Press Printing processes to turn the designs into printed products.

## Graphic Printing III

IND3237 – Semester 1 or 2

1/2 credit

O'Plaine Campus: 10

Prerequisite: Graphic Printing II

This is a course designed for those students who would like to further their investigation into a career in graphic design or printing. This course will continue to explore graphic design techniques. The course will also focus on the processes necessary to produce multiple color screen printing and offset press products.

## Woods II

IND3122 – 1 Semester

1/2 credit

Both Campuses: 9-10-11-12

Prerequisite: Woods I

In this course students will use the basic skills learned in Woods I to explore the design process. Students will research existing designs and create a complete project plan for a table before fabrication. Students will learn through hands-on activities that include fine woodworking and manufacturing. Course content will be taught using a combination of lecture, demonstration and hands-on lab activities. Fees will be assessed for personal project materials.

## Woods III

IND3123 – 1 Semester

1/2 credit

Both Campuses: 10-11-12

Prerequisite: Woods II

In this course students will use the skills learned in Woods I and II to explore the design process for a more rigorous project. Students will research existing designs and create a complete project plan for a cabinet before fabrication. Students will learn through hands-on activities that include fine woodworking and manufacturing. Course content will be taught using a combination of lecture, demonstration and hands-on lab activities. Fees will be assessed for personal project materials.

## Architecture and Interior Design I

IND3193 – Semester 1 or 2

1/2 credit

Both Campuses: 9-10-11-12

Prerequisite: Introduction to Architecture and Engineering or Jr./Sr. status.

This course is designed for students who want to continue their interest in the area of architecture and interior design. This course will continue to emphasize CAD techniques, as well as explore guidelines of residential home design. Units of study include the history of architecture, principles of design, room by room planning, floor plan development, and architectural model making. Virtual reality environments will be explored.

## Architecture and Interior Design II

IND3393 – Semester 1 or 2

1/2 credit

Almond Campus: 11-12

Prerequisite: Architecture and Interior Design I

This course expands upon the groundwork skills gained in Architecture & Interior Design I, enabling the student to design and develop a complete set of house plans along with commercial interior design. Projects will include home plans, commercial space planning, and virtual reality walkthroughs.

## DIY

IND3370 – 1 Semester

1/2 credit

Almond Campus: 11-12

Prerequisite: None

Do-It-Yourself. This course was developed to prepare students for life skills needed to utilize basic home tools and equipment. Students will research and construct

projects like furniture, signs, and toys found on DIY media like Pinterest and HGTV as well as solve practical home maintenance challenges.

### **Graphic Printing IV**

*IND1130 – Semester 1* *1/2 credit*  
*Both: 10-11-12*  
*Prerequisite: Graphic Printing III*

This course is designed for the students who are interested in the Graphic Communication or Packaging Engineering Industry. Students will learn through hands-on activities in the area of screen printing and packaging design. This course is designed to introduce students to the various career opportunities associated with printing, packaging design and packaging engineering. Course content will be taught using a combination of lecture, demonstration and hands-on lab activities.

### **Woods IV**

*IND3124 1 Semester* *1/2 credit*  
*Both Campuses: 10-11-12*  
*Prerequisite: Woods III*

This course allows students to use basic skills from the Wood program to explore another form of fabrication/manufacturing. Students will research existing designs and produce complete project plans before turning and carving a variety of wood products. Students will learn through hands-on activities that include fine woodworking and manufacturing. Course content will be taught using a combination of lecture, demonstration and hands-on lab activities. Fees will be assessed for personal project materials.

### **DIY II**

*IND3125 1 Semester* *1/2 credit*  
*Almond Campus: 11-12*  
*Prerequisite: Woods IV or DIY*

In this course students will use the skills learned in previous courses to design and construct an original project(s) of their choice. Students will research existing designs found on DIY media like Pinterest and HGTV to create a complete project plan before fabrication. Fees will be assessed for personal project materials and/or materials may need to be purchased from local hardware stores and brought to the school.

### **Advanced Architecture and Engineering**

*IND3351 – Semester 1 or 2* *1/2 credit*  
*Almond Campus: 11-12*  
*Prerequisite: Engineering II or Architecture II*

This course is for the student who is serious about utilizing advanced design principles and skills at the post-secondary level. Areas of study include CAD applications, architectural and mechanical model making, product developments, and problems of advanced nature related to the Architectural and Engineering fields.

### **CAM I**

*IND3377 1 Semester* *1/2 credit*  
*Almond Campus: 11 -12*  
*Prerequisite: Woods I*

Computer Aided Manufacturing I. In this hands-on course students will use the design process and 3D modeling software to develop products which can be created with computer-aided equipment such as a 3D printer, CNC mill, CNC lathe, CNC router, and laser engraver. Core skills learned in the Woods 1 class will also be used to prepare materials which will be processed on laser engravers and CNC equipment. Fees will be assessed for personal project materials.

### **CAM II**

*IND3378 1 Semester* *1/2 credit*  
*Almond Campus: 11-12*  
*Prerequisite: CAM I*

Computer Aided Manufacturing II. In this course students will use knowledge gained from CAM I to further develop their 3D modeling and computer-aided equipment skills. They will develop a product which incorporates all of the equipment such as a 3D printer, CNC mill, CNC lathe, CNC router, and laser engraver. Fees will be assessed for personal project materials.



## Project Lead the Way

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Project Lead the Way is a four-year sequence of courses, which when combined with traditional mathematics and science courses in high school, introduces students to the scope, rigor and discipline of engineering prior to entering college. This is a national pre-engineering program that will also allow students the opportunity to take a national, standardized test at the end of each course. This program is a four-year sequence of **honors** courses that is begun by students in grade 9. Courses in grades 9 and 10 prepare students in engineering principles and foundations. In grade 11 students learn specialized engineering principles and in grade 12, students enroll in a course where they apply what they have learned in the development and execution of an original product.

### **Introduction to Engineering Design**

*IND5161-5162 – Full Year*

*O'Plaine Campus: 9*

*Prerequisite: None*

### **NCAA**

*1 credit*

This course teaches problem-solving skills using a design development process. Models of product solutions are created, analyzed, and communicated using solid modeling computer design software. Incoming freshman must fill out an application in order to be considered into the program.

### **Principles of Engineering**

*IND5261-5262 – Full Year*

*O'Plaine Campus: 10*

*Prerequisite: Successful completion of Introduction to Engineering Design.*

### **NCAA**

*1 credit*

This course helps students to understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes helps students learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change.

### **Digital Electronics**

*IND5361-5362 – Full Year*

*Almond Campus: 11*

*Prerequisite: Successful completion of Principles of Engineering.*

### **NCAA**

*1 credit*

This course in applied logic encompasses the application of electronic circuits and devices. Computer simulation software is used to design and test digital circuitry prior to the actual construction of circuits and devices.

### **Engineering Design and Development**

*IND5461-5462 – Full Year*

*Almond Campus: 12*

*Prerequisite: Successful completion of Digital Electronics.*

### **NCAA**

*1 credit*

An engineering research course in which students research, design, and construct a solution to an open-ended engineering problem. Students apply principles developed in the three preceding courses and are guided by a community mentor. They must present progress reports, submit a final written report and defend their solutions to a panel of outside reviewers at the end of the school year.

# MATHEMATICS

Course Name	Designation	Course #	Pre-req	Campus	FR	SO	JR	SR	Sems	Cred	NCAA
Algebra I	CC	ELL1139-1140	*	O	X	X			2	1.0	
Algebra I	CP	MTH3111-3112		O	X	X			2	1.0	X
Geometry	CC	ELL1149-1150	*	O	X	X			2	1.0	
Geometry	CP	MTH3211-3212	*	B	X	X	X	X	2	1.0	X
Honors Geometry	H	MTH5111-5112	*	O	X	X			2	1.0	X
Concepts in Math	CC	MTH1311-1312	*	A			X	X	2	1.0	
Algebra II	CP	MTH3311-3312	*	A			X	X	2	1.0	X
Algebra II Trigonometry	CP	MTH3313-3314	*	B		X	X	X	2	1.0	X
Honors Algebra II Trigonometry	H	MTH5211-5212	*	B	X	X	X	X	2	1.0	X
PreCalculus	CP	MTH3315-3316	*	A			X	X	2	1.0	X
Honors PreCalculus AB	H	MTH5313-5314	*	B		X	X	X	2	1.0	X
Honors PreCalculus BC	H	MTH5315-5316	*	B		X	X		2	1.0	X
Discrete Finite Math	CP	MTH3411-3412	*	A				X	2	1.0	X
AP Statistics	AP	MTH7415-7416	*	A			X	X	2	1.0	X
AP Calculus AB	AP	MTH7411-7412	*	A			X	X	2	1.0	X
AP Calculus BC	AP	MTH7413-7414	*	A			X	X	2	1.0	X
Honors Discrete Finite	H	MTH5411-5412	*	A			X	X	2	1.0	X
Honors Calculus 3 Topics	H	MTH5421-5422	*	A				X	2	1.0	X
Preparatory Math and Statistics	CP	MTH3333-3334	*	A				X	2	1.0	

Students are required to take a minimum of 6 semesters or 3 credits of mathematics to graduate. The purchase of a graphing calculator (TI-84 PLUS) is a requirement for all mathematics courses.

Course Designations: AP – Advanced Placement; H – Honors, CP – College Prep, CC – College Core

## **Algebra I**

*ELL1139-1140 – Full Year*

*1 credit*

*O'Plaine Campus: 9-10*

*Prerequisite: A lack of literacy in written and spoken English and/or a score between the 0 and 50<sup>th</sup> percentile on a nationally normed assessment of English proficiency.*

This Algebra I course is for students whose first language is not English. It is designed for English Learners that range from Speech Emergence to Intermediate Fluency/Fluency. Students must qualify for this class based on the results of a language proficiency test.

Students will: create and solve simple equations in real world context; write and graph linear equations in two variables, including slope-intercept form; use variables and expressions for translating from an English sentence into an equation or inequality using mathematical symbols; solve and graph linear systems of equations; solve and graph linear inequalities; use function notation to analyze graphs; graph simple piecewise functions; solve and graph exponential equations; simplify expressions using laws of exponents; simplify expressions with square roots; solve quadratic equations in one variable; perform operations with polynomials; factor; and use the graphing calculator to find key aspects of graphs. Students extensively use the TI-83 or TI-84 calculator and one is required for this course.

## **Algebra I**

*MTH3111-3112 – Full Year*

**NCAA**

*1 credit*

*O'Plaine Campus: 9-10*

*Prerequisite: None*

This course is the first course in the mathematics sequence for the college-bound student. Students will: create and solve simple equations in real world context; write and graph linear equations in two variables, including slope-intercept form; use variables and expressions for translating from an English sentence into an equation or inequality using mathematical symbols; solve and graph linear systems of equations; solve and graph linear inequalities; use function notation to analyze graphs; graph simple piecewise functions; solve and graph exponential equations; simplify expressions using laws of exponents; simplify expressions with square roots; solve quadratic equations in one variable; perform operations with polynomials; factor; and use the graphing calculator to find key aspects of

graphs. Students extensively use the TI-83 or TI-84 calculator and one is required for this course.

## **Geometry**

*ELL1149-1150 – Full Year*

*1 credit*

*O'Plaine Campus: 9-10*

*Prerequisite: A lack of literacy in written and spoken English and/or a score between the 0 and 50<sup>th</sup> percentile on a nationally normed assessment of English proficiency.*

This Geometry course is for students whose first language is not English. It is designed for English Learners that range from Speech Emergence to Intermediate Fluency/Fluency. Students must qualify for this class based on the results of a language proficiency test.

This course is the second course in the sequence for college-bound students. This course builds on algebra skills including, but not limited to, solving linear equations, finding slope, solving systems of linear equations and solving quadratic equations with leading coefficient of one. The student will: use the language of geometry including postulates and undefined terms; apply geometric transformations, including translations, reflections, rotations and dilations to congruence and similarity of figures; measure angles and segments; use properties of parallel and perpendicular lines, complementary and supplementary angles, angles, triangles, and polygons; use of trigonometry with similar triangles and polygons; compute lengths of sides of triangles using the Pythagorean theorem; compute using the distance and midpoint formulas; use properties of circles; compute areas and volumes; graph and evaluate conics. A TI-83 or TI-84 calculator is required for this course.

## **Geometry**

*MTH3211-3212 – Full Year*

**NCAA**

*1 credit*

*Both Campuses: 9-10-11-12*

*Prerequisite: Successful completion of Algebra I.*

This course is the second course in the sequence for college-bound students. This course builds on algebra skills including, but not limited to, solving linear equations, finding slope, solving systems of linear equations and solving quadratic equations with leading coefficient of one. The student will: use the language of geometry including postulates and undefined terms; apply geometric transformations, including translations, reflections, rotations and dilations to congruence and

similarity of figures; measure angles and segments; use properties of parallel and perpendicular lines, complementary and supplementary angles, angles, triangles, and polygons; write two column, flow and paragraph proofs using triangle congruence theorems and rigid motion transformations; prove theorems utilizing properties of quadrilaterals; compute ratios and proportions, use of trigonometry with similar triangles and polygons; compute lengths of sides of triangles using the Pythagorean theorem; compute using the distance and midpoint formulas; use properties of circles; compute areas and volumes; graph and evaluate conics. Students extensively use the TI-83 or TI-84 calculator and one is required for this course.

### **Honors Geometry**

*MTH5111-5112 – Full Year*

*O'Plaine Campus: 9-10*

*Prerequisite: Completion of Algebra I with at least a 98% average or recommendation by the Math Department or meeting/exceeding grade level standards in mathematics.*

This course is part of a sequence of rigorous mathematics courses for the college-bound student. It requires the mastery of Algebra I skills, especially topics including quadratic equations, graphing and solving systems of equations. The student will: acquire knowledge of points, lines, segments, and angles; use the rules of reasoning in writing proofs including two column, paragraph, flow and rigid motion; use triangle congruence theorems; use properties of parallel and perpendicular lines; conic sections; demonstrate a knowledge about polygons and theorems derived from polygons; prove theorems dealing with similarity of polygons; apply properties of similar polygons; use the Pythagorean Theorem; use the properties of special right triangles; use properties of circles and regular polygons; find areas and volumes of simple and compound geometric figures; relate geometric figures to coordinate axis system; use a compass and straight edge to precisely construct various geometric figures. This class has an accelerated pace. It requires students to be able to apply concepts to rigorous and varied problems. Students extensively use the TI-83 or TI-84 calculator and one is required for this course.

### **NCAA**

*1 credit*

### **Concepts in Math**

*MTH1311-1312 – Full Year*

*Almond Campus: 11-12*

*Prerequisite: Algebra I Concepts and Skills*

*1 credit*

This class is for the student who has completed Algebra 1 Concepts and Skills. The students will build and strengthen their basic skills in Geometry and business mathematics as they relate to the real world. This course will have real world applications that will require the students to use analytical and computational skills to solve geometric, business, and consumer problems. Students extensively use the TI-83 or TI-84 calculator and one is required for this course.

### **Algebra II**

*MTH3311-3312 – Full Year*

*Almond Campus: 11-12*

*Prerequisite: Successful completion of Algebra I or Algebra I Concepts and Skills and Geometry or Geometry Concepts and Skills.*

### **NCAA**

*1 credit*

The course is designed to further the study of algebra topics taught in Algebra I Concepts and Skills. Students will use a graphing calculator and manipulatives, when relevant, to explore topics. Students will perform operations with real numbers, polynomials, and rational expressions; solve linear and quadratic equations and inequalities; simplify complex fractions; perform operations using functions, including inverses; use the distance formula; write equations to lines, circles, parabolas, hyperbolas and ellipses; translate and solve word problems; perform operations with exponents, radicals, logarithms and complex numbers. This course taken in junior year followed by the semester Trigonometry course (MTH649) in senior year will be the equivalent to Algebra II Trigonometry. Students extensively use the TI-83 or TI-84 calculator and one is required for this course.

**Algebra II Trigonometry***MTH3313-3314 – Full Year**Both Campuses: 10-11-12**Prerequisite: Successful completion of Honors Geometry or Geometry.***NCAA***1 credit*

This course is the third course in a sequence of mathematics courses for the college-bound student. The students will do the following; graph quadratic, polynomial, rational, and radical equations; state important points and characteristics of a graph; use transformations of parent graphs; solve quadratic equations by graphing, factoring, square roots, completing the square, and quadratic formula; perform operations and solve using complex numbers; use the fundamental theorem of algebra; simplify and perform operations with rational expressions; solve rational equations; simplify rational exponents; solve radical equations; use exponential growth and decay; expand and condense logarithmic expressions; solve logarithmic and exponential equations; use right triangle trigonometry; use the unit circle; explore and graph sine and cosine equations; analyze data and calculate statistics and probability. Students extensively use the TI-83 or TI-84 calculator and one is required for this course.

**Honors Algebra II Trigonometry***MTH5211-5212 – Full Year**Both Campuses: 9-10-11-12**Prerequisite: A grade of "C" or higher in Honors Geometry or meeting/exceeding grade level standards in mathematics.***NCAA***1 credit*

This course is part of a sequence of rigorous mathematics courses for the college-bound student. The students will: perform operations with real numbers, polynomials and rational expressions; solve linear and quadratic equations and inequalities; simplify complex fractions; perform operations using functions, including inverses; perform operations with exponents, radicals, logarithms and complex numbers; explore characteristics of trigonometric functions; use sequences and series. This class has an accelerated pace. It requires students to be able to apply concepts to rigorous and varied problems. Students extensively use the TI-83 or TI-84 calculator and one is required for this course.

**PreCalculus***MTH3315-3316 – Full Year**Almond Campus: 11-12**Prerequisite: Successful completion of Honors Algebra II Trigonometry or Algebra II Trigonometry.***NCAA***1 credit*

This course is the usual fourth course in a sequence of mathematics courses for college-bound students. The student will: write equations to lines, circles and the tangents to each; perform operations with functions, including inverses. Students will use circular functions and trigonometric functions and their inverses; perform operations with exponential and logarithmic functions; use vectors, parametric and polar equations; use sequences and series; write the equations of parabolas, ellipses and hyperbolas. Students extensively use the TI-83 or TI-84 calculator and one is required for this course.

**Honors PreCalculus AB***MTH5313-5314 – Full Year**Both Campuses: 10-11-12**Prerequisite: A grade of "B" or "C" in Honors Algebra II Trigonometry or meeting/exceeding grade level standards in mathematics.***NCAA***1 credit*

The students will: write equations of lines, circles, and the tangents to each; perform operations with various functions, including inverses; use circular functions and trigonometric functions and their inverses; perform operations with exponential, logistic and logarithmic functions; use vectors, parametric and polar equations; use sequences and series; write the equations of parabolas; ellipses and hyperbolas and the tangents to each; find the limits of sequences including the derived function; use mathematical induction. Students extensively use the TI-83 or TI-84 calculator and one is required for this course.

**Honors PreCalculus BC***MTH5315-5316 – Full Year**Both Campuses: 10-11**Prerequisite: An "A" in Honors Algebra II Trigonometry or meeting/exceeding grade level standards in mathematics.***NCAA***1 credit*

The students will: write equations of lines, circles, and the tangents to each; perform operations with various functions, including inverses; use circular functions and trigonometric functions and their inverses; perform operations with exponential, logistic and logarithmic functions; use vectors, parametric and polar equations; use sequences and series; write the equations of

parabolas; ellipses and hyperbolas and the tangents to each; find the limits of sequences including the derived function; use mathematical induction; an introduction of the basic Calculus topics of derivatives and integrals. Students extensively use the TI-83 or TI-84 calculator and one is required for this course.

### **Discrete Finite Math**

*MTH3411-3412 – Full Year  
Almond Campus: 12*

*Prerequisite: Successful completion of PreCalculus or Honors PreCalculus.*

This course will build on PreCalculus topics and introduce the basic Calculus topics of derivative and integral. It will also introduce the discrete math topics of recursion, induction, combinatorics, vectors, graphs, and circuits. Other topics include set theory, elementary combinatorics, probability, matrix algebra, and introduction to linear programming and Markov chains. Students extensively use the TI-83 or TI-84 calculator and one is required for this course.

### **AP Statistics**

*MTH7415-7416 – Full Year  
Almond Campus: 11-12*

*Prerequisite: Teacher recommendation and the following: 1) A grade of "B" or higher in both semesters of Algebra II Trigonometry or PreCalculus, or 2) A grade of "C" or higher in both semesters of Honors Algebra II Trigonometry or Honors PreCalculus AB or Honors PreCalculus BC.*

This completes the equivalent of a college introductory course in statistics emphasizing the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students who successfully complete the course and the AP examination\* may receive credit and/or advanced placement for an introductory college statistics course. Students may choose to take AP Statistics regardless of their intended college major; however, students whose intended college major is in a math or science related field should not take AP Statistics in place of AP Calculus or Pre-Calculus. Mathematically able students are encouraged to take both AP Statistics and AP Calculus or to take AP Statistics concurrently with Pre-Calculus. Students extensively use the TI-83 or TI-84 calculator and one is required for this course.

### **AP Calculus AB**

*MTH7411-7412 – Full Year  
Almond Campus: 11-12*

*Prerequisite: A grade of "C" or higher in Honors Pre-Calculus or meeting/exceeding grade level standards in mathematics.*

This course is for the accelerated student who has completed Geometry, Algebra II Trigonometry and Pre-Calculus at the honors level, or their equivalents and wishes to continue mathematics. The student will: find derivatives of algebraic and trigonometric functions; use derivatives in graphing and solving problems; use limits and continuity. The student will: use integration, definite and indefinite integrals, find areas, volumes, surface area of revolution. Students extensively use the TI-83 or TI-84 calculator and one is required for this course.

### **AP Calculus BC**

*MTH7413-7414 – Full Year  
Almond Campus: 11-12*

*Prerequisite: A grade of "C" or higher in Honors Pre-Calculus BC or meeting/exceeding grade level standards in mathematics.*

This course is for accelerated students who were identified during their junior year to begin the study of Calculus. The students will study in greater depth the topics listed for AP Calculus AB plus additional topics such as concepts of series; arc length; test sequences for convergence/ divergence; simplify improper integrals; use L'Hospital's rule, Euler's Method, improper integrals, polar functions, convergence of series and Taylor Series. Students extensively use the TI-83 or TI-84 calculator and one is required for this course.

### **Honors Discrete Finite**

*MTH5411-5412 – Full Year  
Almond Campus: 11-12*

*Prerequisite: Successful completion of Honors PreCalculus AB sophomore year or meeting/exceeding grade level standards in mathematics.*

This course will build on PreCalculus topics and introduce the Calculus topics covered in Honors PreCalculus BC. It will also introduce the discrete math topics of recursion, induction, combinatorics, vectors, graphs, and circuits. Other topics include set theory, elementary combinatorics, probability, matrix algebra, and introduction to linear programming and Markov chains. Rigorous algebra practice will also be stressed to

**NCAA**

*1 credit*

**NCAA**

*1 credit*

**NCAA**

*1 credit*

**NCAA**

*1 credit*

**NCAA**

*1 credit*

prepare the student for AP Calculus BC. Students extensively use the TI-83 or TI-84 calculator and one is required for this course.

### **Honors Calculus 3 Topics**

*MTH5421-5422 – Full Year*

*Almond Campus: 12*

*Prerequisite: AP Calculus BC or meeting/exceeding grade level standards in mathematics.*

This is a third year calculus and analytic geometry course that will cover multi-variable calculus and analytic geometry of space. The course may continue on to cover linear algebra topics if time allows. Students extensively use the TI-83 or TI-84 calculator and one is required for this course.

### **NCAA**

*1 credit*

### **Preparatory Math and Statistics**

*MTH3333-3334– Full Year*

*1 credit*

*Almond Campus: 12*

*Prerequisite: 3.0 Math Credits*

The purpose of the course is to strengthen students' math skills and upon successful completion allow a pathway into a credit-bearing course at most Illinois Colleges. Themes for the course 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. Use functions and modeling processes. Students will learn via authentic application, problem-based instruction designed to build mathematical conceptual understanding and critical thinking skills.

# MUSIC

Course Name	Designation	Course #	Pre-req	Campus	FR	SO	JR	SR	Sems	Cred	NCAA
History of Rock n Roll	CC	MUS1103		A			X	X	1	0.5	
Introduction to Guitar	CP	MUS3101		O	X	X			1	0.5	
Introduction to Piano	CP	MUS3102		A			X	X	1	0.5	
Music Theory	CP	MUS3131-3132		A			X	X	2	1.0	
Symphonic Band I	CP	MUS3151-3152		A	X	X	X	X	2	1.0	
Symphonic Band II	CP	MUS3153-3154		A	X	X	X	X	2	1.0	
Concert Band I	CP	MUS3155-3156		B	X	X	X	X	2	1.0	
Concert Band II	CP	MUS3157-3158		O	X	X			2	1.0	
Adapted Music	CP	MUS1161-1162		B	X	X	X	X	2	1.0	
Jazz Lab	CP	MUS3111-3112	*	B	X	X	X	X	2	1.0	
Jazz Ensemble	CP	MUS3117-3118	*	A			X	X	2	1.0	
Freshman-Sophomore Concert Choir	CP	MUS3129-3130		O	X	X			2	1.0	
Freshman-Sophomore Treble Choir	CP	MUS3231-3232		O	X	X			2	1.0	
Bella Voce Choir	CP	MUS3335-3336		A			X	X	2	1.0	
Concert Choir	CP	MUS3333-3334	*	A			X	X	2	1.0	

Students are required to take a minimum of 2 semesters or 1 credit of Practical and/or Fine Arts for graduation. All Music courses are considered Fine Arts.

## History of Rock n Roll

*MUS1103 – Semester 1 or 2*

*1/2 credit*

*Almond Campus: 11-12*

*Prerequisite: None*

This class is a survey of the history of rock music from the earliest evolution of early American blues influence to music styles of the present. Class discussions will highlight the connections between American popular culture and stylistic trends in rock music.

## Introduction to Piano

*MUS3102 – Semester 1 or 2*

*1/2 credit*

*Almond Campus: 11-12*

*Prerequisite: None*

This course will develop a basic proficiency on the piano and synthesizer. It is a beginning course not intended for those with music training. Keyboard lab furnished by the school. Maximum: 12 students.

## Introduction to Guitar

*MUS3101 – Semester 1 or 2*

*1/2 credit*

*O'Plaine: 9-10*

*Prerequisite: None*

This course will develop a basic proficiency on the guitar. It is designed for those students who have no prior knowledge of music. Rock and classical guitar literature will be included. Instruments are furnished by the school. Maximum: 16 guitar students.

## Music Theory

*MUS3131-3132– Full Year*

*1 credit*

*Almond Campus: 11-12*

*Prerequisite: None*

Music Theory is an overarching study of the fundamental elements of music: pitch, rhythm, melody, harmony and form; Music Theory is an overarching study of the fundamental elements of music: pitch, rhythm, melody, harmony and form. It also explores the theoretical constructs of several genres of music from the past and present. Through technology, composition, analysis, critical listening and performance, the elements of music will be examined for their distinctive roles in musical organization.



## INSTRUMENTAL MUSIC

The Warren Band program provides a comprehensive instrumental music experience for students of all abilities with the opportunity of advancement to the higher level bands. Performing at a satisfactory level in one band does not guarantee that a student will automatically move to the next band. An individual assessment of each student's performance level is done through an individual audition each year to determine the appropriate band assignment.

**Band Assignment:** All band students will do an individual audition for placement in the bands. There will be two sets of audition material that students may choose. Audition Set A is required for all students auditioning for placement in the Symphonic Bands. This set of audition material will consist of all major and minor scales, level five etude and sight reading level five- and literature. Auditioning on Audition Set A does not guarantee that a student will be placed in the Symphonic Bands. Audition Set B is designed for the less experienced musician. Auditioning on Set B means the student will be placed in our Concert Bands and is not eligible for placement in the Symphonic Bands. Audition Set B materials will include major scales, level 3 etude and level 3 sight reading. All audition materials will be provided 60 days prior to auditions. Criteria for evaluation of auditions include tone quality, intonation, technical facility, rhythmic accuracy, sight reading, general musicianship and scale studies. Each criterion has a maximum value of ten points.

### Symphonic Band I

*MUS3151-3152 – Full Year* *1 credit*  
*Almond Campus: 9-10-11-12*  
*Prerequisite: None*

This concert band is composed of the most experienced musicians as determined through the audition process and specific instrumentation needs of the organization. This band performs university band level literature of grades 5 and 6. Assessment for this band is done through quarterly performance exams of works being performed, attendance at required events, behavior and attitude. Students in Symphonic Band I are members of the Marching Blue Devils and the Parade Band.

### Symphonic Band II

*MUS3153-3154 – Full Year* *1 credit*  
*Almond Campus: 9-10-11-12*  
*Prerequisite: None*

This concert band is composed of very experienced musicians who score just below those students selected for Symphonic Band I on the audition materials and specific instrumentation needs of the band. This band performs challenging high school band literature consisting primarily of grades 4 with some grade 5. Assessment for this band is done through quarterly performance exams of works being performed, attendance at required events, behavior and attitude. Students in Symphonic Band II are members of the Marching Blue Devils and the Parade Band.

### Concert Band I

*MUS3155-3156 – Full Year* *1 credit*  
*Both Campuses: 9-10-11-12*  
*Prerequisite: None*

This concert band is composed of experienced musicians who score below Symphonic Band II students. This band performs primarily grade 3 literatures and also utilizes rhythm and technique studies along with major and minor scale studies to help the student become a more proficient performer. Assessment for this band is done every four weeks and consists of performance exams on works being performed along with assigned rhythmic and technical studies and scales, attendance at required events, behavior and attitude. Students in Concert Band I are members of the Marching Blue Devils and the Parade Band. In addition, selected members of Concert Band I may be asked to join the Competition Marching Band based on instrumentation needs.

## Concert Band II

*MUS3157-3158 – Full Year*

*1 credit*

*O’Plaine Campus: 9-10*

*Prerequisite: None*

This concert band is composed of less experienced musicians who score below Concert Band I students. This band performs primarily grade 2 and easier grade 3 literature. A great deal of emphasis is put on improving tone, technical facility, rhythmic facility and proficiency on major scales through the use of technical studies. Assessment for this band is done every three weeks through performance exams of works being performed, assigned technical studies, attendance at required events, behavior and attitude. Students in Concert Band II are members of the Marching Blue Devils and the Parade Band.

## Adapted Music

*MUS1161-1162 – Full Year*

*Pass/Fail*

*Almond Campus: 9-10-11-12*

*Prerequisite: Placement determined by the student’s IEP Team.*

This adapted music class concert band is an experiential band period provided to students within our special education programs. Placement in this course is determined by the student’s IEP team.

## Jazz Lab

*MUS3111-3112 – Full Year*

*1 credit*

*Both Campuses: 9-10-11-12*

*Prerequisite: Concert Band or Symphonic Band.*

**9-10:** This course is designed for the instrumental music student with little or no jazz experience. A variety of beginning level jazz music (swing, rock and Latin) are analyzed and performed with the primary swing style. Students will begin study of basic jazz improvisation using the major and blues scales. Students are expected to attend band concerts, festivals, and competitions. Admission to the course is through audition by permission of instructor.

**11-12:** This course is designed for the intermediate instrumental student. A variety of medium level music in all jazz styles (swing, rock, Latin and fusion) are performed and analyzed. Students will begin study of basic jazz improvisation using the major and blues scales. Students are expected to attend band concerts, festivals, and competitions. Admission to the course is through audition by permission of the instructor.

## Jazz Ensemble

*MUS3117-3118 – Full Year*

*1 credit*

*Almond Campus: 11-12*

*Prerequisite: Symphonic Band*

This course is designed for the advanced instrumental student. A variety of challenging music in all jazz styles (swing, rock, Latin, fusion) are performed and analyzed. Students will develop the art of improvisation using major and minor scales, modes and the blues. Students are expected to attend band concerts, festivals, and competitions. Admission to the course is through audition by permission of the instructor.

## VOCAL MUSIC

Students have the choice of one of two curricular choral groups at each campus: Freshman-Sophomore Concert Choir and the Sophomore Treble Choir at the O’Plaine campus, and the Junior-Senior Treble Choir and Concert Choir at the Almond campus. All curricular choral groups perform in at least four choral concerts during the school year. Students who are enrolled in curricular choral music classes are eligible to audition for extra-curricular choral ensembles.

## Freshman-Sophomore Concert Choir

*MUS3129-3130 – Full Year*

*1 credit*

*O’Plaine Campus: 9-10*

*Prerequisite: None*

An entry-level choral group, Freshman-Sophomore Concert Choir is an un-auditioned mixed choir (soprano, alto, tenor and bass-baritone) for freshman girls, and freshman and sophomore boys. Students will be instructed in basic choral-vocal technique, the fundamentals of music reading, sight singing and basic music theory, and will have the opportunity to sing choral music representing various historical periods and styles. Students will perform in four choral concerts during the year.

### **Freshman-Sophomore Treble Choir**

*MUS3231-3232 – Full Year*

*1 credit*

*O'Plaine Campus: 9-10 (female)*

*Prerequisite: Freshmen interested must have Choral Director Approval.*

Sophomore Treble Choir is an un-auditioned treble choir (soprano and alto only). Students will be instructed in good choral-vocal technique, music reading, sight-singing and basic music theory. Students will have the opportunity to sing quality treble choir arrangements representing various historical periods and styles. Students will perform at four choral concerts during the year.

### **Bella Voce Choir**

*MUS3335-3336 – Full Year*

*1 credit*

*Almond Campus: 11-12 (female)*

*Prerequisite: None*

Bella Voce Choir is a choir for junior and senior girls, and is our most advanced un-auditioned choral group. Good choral-vocal technique is taught and emphasized, along with music reading, sight singing and music theory. The Bella Voce Choir will sing moderate to advanced two, three and four-part treble arrangements representing various historical periods and styles. Students will perform at four choral concerts during the year. The Bella Voce Choir will also have the opportunity to represent our school in treble choir festivals, contests, etc.

### **Concert Choir**

*MUS3333-3334 – Full Year*

*1 credit*

*Almond Campus: 11-12*

*Prerequisite: Successful audition along with approval of the Choral Director.*

Our most advanced choral group, Concert Choir is an auditioned mixed chorus for juniors and seniors. Music reading and sight singing ability are expected. Good choral-vocal technique will be taught and emphasized, along with instruction in basic music theory. Students will sing at four choral concerts during the year. Concert Choir will sing advanced choral music representing various historical periods and styles, and will have the opportunity to represent our school in festivals, contests, etc.

# PHYSICAL DEVELOPMENT and HEALTH

Course Name	Designation	Course #	Pre-req	Cam pus	FR	SO	JR	SR	Sems	Cred	NCAA
Health	CC	ELL1199	*	O	X	X			1	0.5	
Health	CC	ELL1201	*	O	X	X			1	0.5	
Health	CP	PHY3111		O	X				1	0.5	
Physical Development	CP	PHY3112		O	X				1	0.5	
Sports Medicine I	CP	PHY3211		O	X	X			1	0.5	
Sophomore Athletic Conditioning	CP	PHY3227-3228	*	O		X			2	1.0	
Sophomore Cross Training	CP	PHY3223-3224		O		X			1	0.5	
Sophomore Individual Sports	CP	PHY3225-3226		O		X			1	0.5	
Sophomore Team Sports	CP	PHY3221-3222		O		X			1	0.5	
Advanced Health	CP	PHY3391		A			X	X	1	0.5	
Sports Medicine II	CP	PHY3213-3214	*	A			X	X	2	1.0	
Team Sports	CP	PHY3311-3312		A			X	X	1	0.5	
Individual Sports	CP	PHY3313-3314		A			X	X	1	0.5	
Strength and Conditioning	CP	PHY3315-3316		A			X	X	1	0.5	
Fit for Life	CP	PHY3317-3318		A			X	X	1	0.5	
Outdoor Adventure	CP	PHY3319-3320	*	A			X	X	1	0.5	
Advanced Strength and Conditioning	CP	PHY3335-3336	*	A			X	X	1	0.5	
Dance	CP	PHY3331-3332		A			X	X	1	0.5	
Modified Physical Development	CP	PHY3321-3322	*	A	X	X			1	0.5	
PE Leaders for Integrated/Adapted PE	CP	PHY3351-3352		A			X	X	1	0.5	
Integrated/Adapted PE	CP	PHY3103-3104		A	X	X	X	X	1	0.5	
PE Exemption		PHY0113-0114	*	B	X	X	X	X			

Students are required to take 8 semesters or 4 credits of Life Fitness. This must include 1 semester of Health and 7 semesters of Physical Development.

The Physical Development curriculum consists of a sequence of courses progressing from the introductory to the intermediate and advanced levels. The curriculum is designed to develop and improve the student's fitness levels, introduce various physical activities, instruct the students on the rules, strategies, terminology and techniques of those activities, and offers direct opportunities to learn how to work cooperatively in a group setting, and encourages healthy habits and attitudes for a healthy lifestyle. All students will be tested for Physical Fitness each semester they are enrolled in a Physical Development class. It is recommended that juniors and seniors do not repeat a course in consecutive semesters.

**PE Uniform Policy:** The policy at both campuses is that students must wear shoes with athletic tread, wear a Warren Township High School PE shirt purchased through our bookstore, and wear athletic shorts, athletic pants, or yoga pants.

## Health

ELL1199 – 1 Semester

1/2 credit

O'Plaine Campus: 9-10

*Prerequisite: A lack of literacy in written and spoken English and/or a score between the 0 and 50th percentile on a nationally normed assessment of English proficiency.*

This course is designed to meet the needs of students who are limited English proficient. Content is used to enhance English language acquisition in the areas of listening, speaking, reading and writing. Satisfactory completion of this course is required of all students. The course includes the study of individual growth and development; protection and promotion of health; use and abuse of drugs, alcohol, and tobacco; body structure and function; disease control and mental health.

## Health

ELL1201 – 1 Semester

1/2 credit

O'Plaine Campus: 9-10

*Prerequisite: A lack of literacy in written and spoken English and/or a score between the 0 and 30th percentile on a nationally normed assessment of English proficiency. Additionally, the student must prove adequate Spanish proficiency on a nationally normed assessment of Spanish proficiency.*

The purpose of this class is to provide instruction to Spanish speaking students in their first language, to maintain their academic performance, and to provide a solid academic background to assist in the acquisition of English. Instruction is delivered in Spanish using Spanish materials. Satisfactory completion of this course is required of all students.

The course includes the study of individual growth and development; protection and promotion of health; use and abuse of drugs, alcohol, and tobacco; body structure and function; disease control and mental health.

## Health

PHY3111 – 1 Semester

1/2 credit

O'Plaine Campus: 9

*Prerequisite: None*

Students must pass 1 semester of health to graduate. The Health class includes the study of individual growth and development; safety and promotion of health; understanding drugs and abuse of drugs, alcohol and tobacco; body structure and function; disease control and mental health.

## Physical Development

PHY3112 – Semester 1 or 2

1/2 credit

O'Plaine Campus: 9

*Prerequisite: None*

Freshman Physical Development introduces students to Team Building, Personal Fitness, Team Oriented Sports and Swimming. Students will also participate in health related fitness tests each semester. A one piece swimsuit is required for the swimming unit.

## Sports Medicine I

PHY3211 – Semester 1 or 2

1/2 credit

O'Plaine Campus: 9-10

*Prerequisite: None*

This course will introduce students to the field of Athletic Training as well as other Sports Medicine professions. Students will learn basic anatomy, injury recognition, injury treatment, and taping/wrapping of athletic injuries. Field trip(s), hands-on labs, and guest speakers are some of the planned semester activities. Students may also have the opportunity to become American Red Cross certified in CPR and First Aid. All students are required to complete ten hours of observation and assistance in the Warren Athletic Training room during the semester they are taking the class. Any student interested in becoming a Student Athletic Training Assistant working with Warren's athletic teams is encouraged to enroll in this class. *This course does not meet graduation requirements for PE credit.*

## Physical Development for Sophomores

Sophomore Physical Development will continue to place an emphasis on lifetime fitness activities. These activities may include aquatic exercise, aerobics, weight training, cardio-vascular conditioning, team and individual sports. Current concepts related to health and physical fitness will also be presented and discussed. A one piece swimsuit is required for the swimming unit. Students will have the option to select from several different activities at the time of course selection. Please note that activities are subject to change due to weather and/or facility availability. (Each class may be taken only ONCE).

## Sophomore Athletic Conditioning

PHY3227-3228 – Full Year

1 credit

O'Plaine Campus: 10

*Prerequisite:* A grade of "B" or higher in Freshman Physical Development and a recommendation from the student's instructor.

Student-athletes are encouraged to enroll in this class. The course will introduce the student to the physical and cognitive aspects of fitness and performance enhancement. Students will participate in a rigorous conditioning program that will challenge their muscular and cardiovascular systems. Strength and mobility training, plyometrics, core stability training, anaerobic conditioning, speed development, and advanced strength training movements/exercises are some of the activities the student will take part in. Lectures will discuss the science of proper nutrition, the dangers associated with performance enhancing drugs, and biomechanics of exercise. A one-piece swimsuit is required.

## Sophomore Cross Training

PHY3223-Fall; PHY3224-Spring

1/2 credit

O'Plaine Campus: 10

*Prerequisite:* None

Sophomore Cross Training places an emphasis on health-related fitness activities. These activities may include, but are not limited to, individual and team sports, basic free weight training, aerobic and anaerobic conditioning, circuit training, teambuilding, and aquatic skills/games. Current concepts related to health and physical fitness (nutrition, exercise techniques, fitness trends, and health risk management) will also be presented, discussed and assessed through written assignments. A one-piece swimsuit is required.

## Sophomore Individual Sports

PHY3225-Fall; PHY3226-Spring

1/2 credit

O'Plaine Campus: 10

*Prerequisite:* None

This course introduces the fundamentals of popular individual sports. Fundamental skills of both movement and sport, terminology, proper equipment and safety are emphasized. Students will have the opportunity to practice the skills they have learned in a competitive situation. Planned activities may include, but are not limited to: **aerobics, badminton, swimming, tennis, strength training, and pickleball and other variations of these games.** The goal of the class is to develop an

appreciation for individual sports with an emphasis on lifelong personal fitness. A one-piece swimsuit is required.

## Sophomore Team Sports

PHY3221-Fall; PHY3222-Spring

1/2 credit

O'Plaine Campus: 10

*Prerequisite:* None

This course exposes students to a variety of popular team sports. Fundamental skills of both movement and sport, terminology, proper equipment, teamwork, and safety are emphasized. Students will have the opportunity to practice the skills they have learned in a competitive situation. Planned team sports may include, but are not limited to: **football, soccer, basketball, ultimate frisbee, aquatic exercise, and volleyball and other variations of these games.** The goal of the class is to develop an appreciation for team sports with emphasis on lifelong personal fitness. A one-piece swimsuit is required.

## Advanced Health

PHY3391 – Semester 1 or 2

1/2 credit

Almond Campus: 11-12

*Prerequisite:* None

This course will involve a detailed study of nutrition, fitness, interpersonal relationships, and human sexuality. Contemporary issues and current events in health and wellness will be emphasized.

## Sports Medicine II

PHY3213-3214 – Full Year

1 credit

Almond Campus: 11-12

*Prerequisite:* Grade of "C" in Sports Medicine I.

This course is designed to be rigorous in nature and apply evaluation & rehabilitation techniques to common pathologies of numerous anatomical joints within the body. **PE credit will be earned for this course therefore, students will participate in the department's annual fitness testing, keep detailed logs of outside observation hours, participate in evaluation and rehabilitation labs which will be physical in nature, and be required to create a rehabilitation goal to accomplish outside of the required curriculum time.** All information will be applied and analyzed throughout the semester.

## Physical Development for Juniors and Seniors

The Almond Health and Physical Development Department (HPD) offers a variety of choices to enhance our student's education and interest in Physical Development. In order for a student to experience a well-rounded education we recommend that students take a variety of Physical Development classes each academic year.

Physical Development schedule changes for the fall term must be completed prior to the last day of registration. Schedule changes for spring semester Physical Development must be completed by the last day of student attendance during the fall term.

### Team Sports

*PHY3311-Fall; PHY3312-Spring*

*1/2 credit*

*Almond Campus: 11-12*

*Prerequisite: None*

This course is designed for the student who desires a high level of competition in a variety of team sports. Instruction and assessment is primarily in advanced strategies, skill development and team play. Competitive activities may include, but not limited to:

- |                    |              |
|--------------------|--------------|
| * Basketball       | * Softball   |
| * Football         | * Fitness    |
| * Ultimate Frisbee | * Speedball  |
| * Soccer           | * Volleyball |

This course will also include fitness components of cardiovascular fitness, and strength training. Activities are assessed on student participation, team skill development and knowledge of rules, strategies and terminology.

## Individual Sports

*PHY3313-Fall; PHY3314-Spring*

*1/2 credit*

*Almond Campus: 11-12*

*Prerequisite: None*

This course is designed for the student who wants to learn and develop the skills and concepts necessary to successfully participate in lifelong activities.

### Individual Sport

Golf  
Disc Golf  
Badminton  
Bowling  
Fitness  
Pickleball

Activities are assessed on student participation, individual skill development and knowledge of rules, strategies and terminology.

## Strength and Conditioning

*PHY3315-Fall; PHY3316-Spring*

*1/2 credit*

*Almond Campus: 11-12*

*Prerequisite: None*

This course is designed to provide students with an opportunity to develop lifelong beneficial training habits in the area of cardiovascular conditioning, muscular strength as well as flexibility. Students are expected to be self-motivated and willing to work at a high level of intensity. Activities include Iso Metric holds, major muscle group weight training, Olympic lifts, interval training, circuit training, cardiovascular conditioning and flexibility. Other topics include nutrition, injury prevention, plyometrics, speed training and agility.

### **Fit for Life**

*PHY3317-Fall; PHY3318-Spring*

*1/2 credit*

*Almond Campus: 11-12*

*Prerequisite: None*

This course will develop comprehensive knowledge and application of basic fitness principles for the purpose of promoting lifelong fitness. Activities will include, but are not limited to resistance training, interval training, and the development of a strong cardiovascular system. Resistance training and cardiovascular training will be provided to students through the latest fitness trends through the use of free weights, cardio equipment such as exercise bikes and treadmills, as well as bodyweight exercises.

### **Outdoor Adventure**

*PHY3319-Fall; PHY3320-Spring*

*1/2 credit*

*Almond Campus: 11-12*

*Prerequisite: A) Students must have a B average in previous Physical Development coursework. B) Students must be able to understand and agree to adhere to the Outdoor Education Full Value Contract.*

This course will develop lifetime outdoor skills and provide an experience of self-discovery using challenges found in natural settings. Required activities are initiatives, canoeing/kayaking, knot tying, belaying, and rock climbing. Additional activities will be chosen from the following list: basic fishing, archery, and cross-country skiing. This course will also include a fitness component. Selection of activities will be based on the availability of facilities, weather conditions, and other related criteria. To insure the safety of all students and due to the nature of many of the Outdoor Education activities, the prerequisites must be met prior to enrollment in the course.

### **Advanced Strength and Conditioning**

*PHY3335-Fall; PHY3336-Spring*

*1/2 credit*

*Almond Campus: 11-12*

*Prerequisite: Students must have a B or higher in Strength and Conditioning as a junior or senior, or students must have a recommendation from the lead Physical Education teacher or head Varsity coach.*

This course is designed for the individual who wants to expand their current knowledge in the area of strength training and conditioning. Major emphasis will be placed on advanced training methods, speed, and agility workouts.

### **Dance**

*PHY3331-Fall; PHY3332-Spring*

*1/2 credit*

*Almond Campus: 11-12*

*Prerequisite: None*

This course is designed for the student who desires to learn basic movement, rhythms and a variety of different forms of dance. Instruction and assessment is primarily in basic movement and skill development. Dance units may include, but not limited to: basic movement and rhythms, line dance, cultural dance, modern dance, creative dance, yoga, Pilates and forms of aerobic dance.

### **Modified Physical Development**

*PHY3321-Fall; PHY3322-Spring*

*1/2 credit*

*Both Campuses: 9-10*

*Prerequisite: Doctor Recommendation.*

This course is offered to students whose physical limitations do not allow participation in regular Physical Development classes. The course will offer a variety of activities designed to accommodate each student's physical limitations.

### **PE Leaders for Integrated/Adapted PE**

*PHY3351-Fall; PHY3352-Spring*

*1/2 credit*

*Almond Campus: 11-12*

*Prerequisite: None*

This course is open to students who are interested in developing leadership skills, working with students receiving special education services and who have demonstrated solid participation and positive behavior within the PE department. PE leaders will be paired with 1 to 3 students with special needs. Each PE Leader will be responsible for assisting his/her student(s) with all PE activities, from warm-ups and stretching to sports activities. Students will be required to reflect on their experiences and demonstrate understanding of activities and units presented in the course. Students will be selected for this course by application and instructor approval.



## Integrated/Adapted PE

PHY3103-Fall; PHY3104-Spring

1/2 credit

Almond Campus: 9-10-11-12

Prerequisite: None

Placement in this course is to be determined by student's Individualized Education Team. Students will work in groups of 1 to 3 students with the assistance of a student PE leader. They will participate in a variety of activities geared towards personal physical fitness. These activities include stretching, cardio and strength activities, team, and individual sports. Activities will be modified to meet individual student abilities.

## PE Exemption

PHY0113-Fall; PHY0114-Spring

1/2 credit

Both Campuses: 9-10-11-12

Prerequisite: None

It shall be the policy of District 121 that students in grades 11 and 12 may request exemption from physical education for the following reasons:

1. The student is determined to be participating in interscholastic athletics as certified by the appropriate district personnel.
2. The student provides written evidence from an institution of higher education that a specific course not included in existing state or local school minimum graduation standards is required for admission. School district staff must verify that the student's present and proposed schedule will not permit completion of the needed course.
3. The student lacks sufficient course credit for one or more courses required by state statute or local school board policies for graduation. Students who have failed required courses transferred into the district with deficient credits or who lack credits due to other causes will be eligible to apply for this exemption.
4. The student is participating in the Marching Band Program. (Grades 9-12) These students will be exempt 1<sup>st</sup> semester.

5. It is the student's responsibility to notify their guidance counselor if they no longer are earning a P.E. exemption.

Each request for exemption from physical education instruction is to be verified and eligibility determined on a case-by-case basis by school district staff. Every student excused from physical education course requirements will be provided with a schedule which meets minimum school day requirements.

**Exemptions for student athletes in 11<sup>th</sup> and 12<sup>th</sup> grades in the fall season shall be honored during first semester. Exemptions for the winter and spring season shall be honored second semester. Applications must be submitted prior to the end of the 2<sup>nd</sup> week of each semester.**

**Must be JUNIOR or SENIOR**

1st SEMESTER EXEMPTION	2nd SEMESTER EXEMPTION
CHEER	BASEBALL
CROSS COUNTRY-BOY'S	BASKETBALL-BOY'S / GIRL'S
CROSS COUNTRY-GIRL'S	BOWLING-BOY'S / GIRL'S
FOOTBALL	BADMINTEN-GIRL'S
GOLF-BOY'S / GIRL'S	CHEER
POMS	GYMNASTICS-GIRL'S
SOCCER-BOY'S	LACROSSE-BOY'S / GIRL'S
SWIM-GIRL'S	HOCKEY-BOY'S / GIRL'S
TENNIS-GIRL'S	POMS
VOLLEYBALL-GIRL'S	SOCCER-GIRL'S
	SOFTBALL
	SWIM-BOY'S
	TENNIS-BOY'S
	TRACK-BOY'S / GIRL'S
	VOLLEYBALL-BOY'S
	WRESTLING
	WATERPOLO-BOY'S / GIRLS
	WINTER GUARD

## SCIENCE

Course Name	Designation	Course #	Pre-req	Cam pus	FR	SO	JR	SR	Sems	Cred	NCAA
STEM Biology	CC	SWS1135-1136		O	X				2	1.0	X
Biology I	CC	ELL1263-1264	*	O	X				2	1.0	
Biology I	CC	ELL1267-1268	*	O	X				2	1.0	
Biology I	CP	SCI3113-3114		O	X				2	1.0	X
Honors Biology I	H	SCI5111-5112	*	O	X				2	1.0	X
Geology	CP	SCI3321-3322	*	A			X	X	2	1.0	X
STEM Chemistry	CC	SCI3211-3212	*	O		X			2	1.0	X
Chemistry	CC	ELL1274-1275	*	O		X			2	1.0	
Chemistry	CP	SCI3213-3214	*	B		X	X	X	2	1.0	X
Honors Chemistry	H	SCI5213-5214	*	B		X	X	X	2	1.0	X
Environmental Science	CC	ELL1333-1334	*	A			X	X	2	1.0	
Environmental Science	CP	SCI3333-3334	*	A			X	X	2	1.0	X
Biology II	CP	SCI3331-3332	*	A			X	X	2	1.0	X
STEM Physics	CC	SCI3343-3344	*	A			X		2	1.0	X
Physics	CP	SCI3341-3342	*	A			X	X	2	1.0	X
Honors Physics	H	SCI5341-5342	*	A			X	X	2	1.0	X
Honors Earth Science	H	SCI5321-5322	*	A			X	X	2	1.0	X
AP Biology_Lunch	AP	SCI7351-7352	*	A			X	X	2	1.0	X
Lunch_AP Biology	AP	SCI7353-7354	*	A			X	X	2	1.0	X
Honors College General Chemistry I	H	SCI5215-5216	*	A			X	X	2	1.0	X
AP Chemistry_Lunch	AP	SCI7311-7312	*	A			X	X	2	1.0	X
Lunch_AP Chemistry	AP	SCI7313-7314	*	A			X	X	2	1.0	X
AP Physics 1: Algebra-Based	AP	SCI7347-7348	*	A			X	X	2	1.0	X
AP Physics 2: Algebra-Based	AP	SCI7349-7350	*	A			X	X	2	1.0	X
AP Physics C	AP	SCI7345-7346	*	A			X	X	2	1.0	X
AP Environmental Science	AP	SCI7321-7322	*	A			X	X	2	1.0	X
Material Science	CP	SCI3351-3352	*	A				X	2	1.0	X

Students are required to take 4 semesters or 2 credits of science to graduate.

Course Designations: AP – Advanced Placement; H – Honors, CP – College Prep, CC – College Core

## **STEM Biology**

*SWS1135-1136 – Full Year*

*O'Plaine Campus: 9*

*Prerequisite: Placement in the SWS curriculum based on reading MAP score.*

This course is designed to provide students who have reading difficulties with the support they need to find success in exploring the biological sciences. In this course of study, students will demonstrate understanding of ecological concepts by: explaining the interactions among populations of plants, herbivores, and carnivores; identifying components necessary for a community to exist and survive; recognizing how populations of plants and animals change as the environment changes; outlining the carbon, oxygen, and nitrogen cycles; relating the processes by which organisms capture, utilize, and release energy.

Students will demonstrate knowledge of the chemical and physical processes of life by: recognizing and comparing major cell processes such as respiration, protein synthesis, and photosynthesis; explaining osmosis and other cases of diffusion. Students will know the structure of cells, compare and contrast plant and animal cells, and know how cells organize into tissues, organs, and systems. Students will explore the various systems in lab through observation as well as hands-on activities. Students will be able to explain the genetic basis of diversity. Students will compare living organisms by applying a classification scheme and list characteristics of each kingdom. Students will explain the effect of microorganisms and describe how they carry on life processes. Students will complete a survey of the animal kingdom at the end of which they will be able to recognize and compare basic animal organ systems and recognize that there has been a consistent and orderly pattern of development from simple to more complex organisms. Students will complete a survey of the plant kingdom at the end of which they will be able to compare transport and reproductive strategies of major plant groups.

## **Biology I**

*ELL1263-1264 – Full Year*

*1 credit*

*O'Plaine Campus: 9*

*Prerequisite: A lack of literacy in written and spoken English and/or a score between the 0 and 50<sup>th</sup> percentile on a nationally normed assessment of English proficiency.*

This course is designed to meet the needs of students who are limited English proficient. Content is used to

## **NCAA**

*1 credit*

enhance English language acquisition in the areas of listening, speaking, reading and writing. This Biology I course is designed to enhance the students' knowledge of like and living things. In this course of study, students will demonstrate understanding of ecological concepts by: explaining the interactions among populations of plants, herbivores, and carnivores; identifying components necessary for a community to exist and survive; recognizing how populations of plants and animals change as the environment changes; outlining the carbon, oxygen, and nitrogen cycles; and relating the processes by which organisms capture, utilize, and release energy.

Students will also demonstrate knowledge of chemical and physical processes of life by recognizing and comparing major cell processes such as respiration, protein syntheses, and photosynthesis; and explaining osmosis and other cases of diffusion. Students will learn the structure of cells, compare and contrast plant and animal cells, and know how cells organize into tissues, organs, and systems. Students will be able to explain the genetic basis of diversity. Students will compare living organisms by applying a classification scheme and list characteristics of each kingdom. Students will explain how microorganisms affect us and describe how they carry on life processes. Students will complete a survey of the animal kingdom at the end of which they will be able to recognize and compare basic animal organ systems and recognize that there has been a consistent and orderly pattern of development from simple to more complex organisms. They will also be able to compare transport and reproductive strategies of major plant groups.

## **Biology I**

*ELL1267-1268 – Full Year*

*1 credit*

*O'Plaine Campus: 9*

*Prerequisite: Prerequisites: A lack of literacy in written and spoken English and/or a score between a 0-30 percentile on a nationally normed assessment of English proficiency. Additionally, the student must prove adequate Spanish proficiency on a nationally normed assessment of Spanish proficiency.*

The purpose of this class is to provide instruction to Spanish speaking students in their first language, to maintain their academic performance, and to provide a solid academic background to assist in the acquisition of English. Instruction is delivered in Spanish using Spanish materials. This Biology I course is designed to enhance the students' knowledge of life and living things. In this course of study, students will demonstrate

understanding of ecological concepts by: explaining the interactions among populations of plants, herbivores, and carnivores; identifying components necessary for a community to exist and survive; recognizing how populations of plants and animals change as the environment changes; outlining the carbon, oxygen, and nitrogen cycles; and relating the processes by which organisms capture, utilize, and release energy.

Students will demonstrate knowledge of chemical and physical processes of life by: recognizing and comparing major cell processes such as respiration, protein syntheses, and photosynthesis; and explaining osmosis and other cases of diffusion. Students will know the structure of cells, compare and contrast plant and animal cells, and know how cells organize into tissues, organs, and systems. Students will be able to explain the genetic basis of diversity. Students will compare living organisms by applying a classification scheme and list characteristics of each kingdom. Students will explain how microorganisms affect us and describe how they carry on life processes. Students will complete a survey of the animal kingdom at the end of which they will be able to recognize and compare basic animal organ systems and recognize that there has been a consistent and orderly pattern of development from simple to more complex organisms. They will also be able to compare transport and reproductive strategies of major plant groups.

### **Biology I**

*SCI3113-3114 – Full Year*

*O'Plaine Campus: 9*

*Prerequisite: None*

Biology I is a course designed to enhance the student's knowledge of life and living things. In this course of study, students will investigate biology at all levels, from how a cell functions to how organisms interact with each other and their environment.

During the first semester of Biology I, students will acquire skills related to making accurate measurements in a laboratory setting, and further improve their skills related to graph and data analysis. Students will also gain an understanding of the role of biochemistry in the structure and function of cells. From there, students will explore the structure of cells, and investigate key cellular processes that allow the cell to operate as the main unit of structure and function in all living things. Students will also be able to explain the genetic basis of diversity and the role of DNA as the molecule of

inheritance, as well as solve genetics problems illustrating various patterns of inheritance.

During the second semester of Biology I, students will explore evolutionary theory as it pertains to changes in populations over time leading to speciation. Students will then investigate the classification and diversity of living things, and identify key characteristics of each kingdom of life. Lastly, students will demonstrate an understanding of ecological concepts by: explaining the interactions among populations of organisms; identifying components necessary for a community to exist and survive; recognizing how populations of plants and animals change as the environment changes; and exploring human population growth and the impact of humans in the biosphere.

### **Honors Biology I**

*SCI5111-5112 – Full Year*

*O'Plaine Campus: 9*

*Prerequisite: Recommendation based on Science*

*Department criteria or meeting/exceeding grade level standards in reading.*

### **NCAA**

*1 credit*

This is an introductory biological science course for the academically motivated, college-bound student. The course covers the same core topics as the Biology I course but is presented at an accelerated pace and in greater depth. First semester will focus on biology at the molecular and cellular levels. Topics will include biochemistry, cell structure and function, DNA, and genetics. Second semester will focus on biology at a global scale. Topics will include evolution, a survey of biological diversity, infectious diseases, and ecology. Throughout the course, students will investigate and analyze current biological issues that could impact their lives. Students will become familiar with methods of scientific investigation and learn how to use common laboratory tools for the purpose of completing lab investigations.

## **Geology**

*SCI3321-3322 – Full Year*

*Almond Campus: 11-12*

*Prerequisite: Successful completion of Biology 1.*

Geology is a lab-oriented course designed to provide students with an understanding of earth systems and their interdependence from a geological perspective. This course will incorporate the related sciences of physical geology, mineralogy, hydrology, historical geology, and environmental geology. Topics of discussion may include: energy and natural resources, the geology of our national parks, the geology of Illinois, geologic hazards and phenomena, and the geology of streams and rivers, and ground water. As geology is best experienced in the field, one field trip component to the course may be offered during each semester. These experiences will be designed to better enable the students to gain an appreciation of the scope and depth of the geological sciences as a profession.

## **STEM Chemistry**

*SCI3211-3212 – Full Year*

*O'Plaine Campus: 10*

*Prerequisite: Successful completion of STEM Biology.*

This course focuses on the main themes of general inorganic chemistry for the College Core student. Content and concepts covered will mirror the core curriculum found in Chemistry (SCI3213-3214) with greater emphasis placed on overall themes and connections. The course will rely on the integration of Science, Technology, Engineering, and Math (STEM) to introduce students to the world of chemistry. Specific emphasis will be placed on lab based and hands-on activities to both increase student interest in science and chemistry as well as to better demonstrate the connections students have with chemistry within the real world. Utilization of models, labs, inquiry activities and projects will help to motivate student interest as well as foster greater connections through the use of the scientific method and analysis of data.

## **NCAA**

*1 credit*

## **Chemistry**

*ELL1274-1275 – Full Year*

*O'Plaine Campus: 10*

*Prerequisite: Successful completion of Sheltered Biology and a lack of literacy in written and spoken English and/or a score between the 0 and 50<sup>th</sup> percentile on a nationally normed assessment of English proficiency.*

This course is designed to meet the needs of students who are limited English proficient. This Chemistry course is designed to enhance the students' knowledge of chemical properties and chemical interactions, and enhance English language acquisition in the areas of listening, speaking, reading and writing.

## **Chemistry**

*SCI3213-3214 – Full Year*

*Both Campuses: 10-11-12*

*Prerequisite: Successful completion of Biology I.*

## **NCAA**

*1 credit*

This course offers a unique approach to the study of chemistry. The program combines the core concepts of chemistry (the majority of topics are listed for SCI731-732), with a unique societal slant that promotes student interest. Activities will show students how they are surrounded by chemistry. The course will provide the student with opportunities in laboratory skill development, cooperative learning, problem analysis and decision making. This course is suitable for college bound, non-science/ mathematics majors.

## **Honors Chemistry**

*SCI5213-5214 – Full Year*

*Both Campuses: 10-11-12*

*Prerequisite: A grade of "C" or higher in Honors Biology or meeting/exceeding grade level standards in mathematics.*

## **NCAA**

*1 credit*

In this course, students will study the following topics: classification of matter, energy changes in matter, phases of matter, atomic structure, electron configurations, the Periodic Table of Elements, bonds between atoms, chemical formulas and nomenclature, the mathematics of chemistry, energy, chemical equilibrium, solution chemistry, and acid-base reactions. Topics are treated in great depth with emphasis on application and synthesis of knowledge of chemical systems. The goals of the course are to integrate the study of mathematics (primarily algebra) into a physical science, such as chemistry, to improve problem-solving skills and reasoning ability, and to

promote intellectual curiosity about the role of science in modern life. This course is recommended for students who plan to enter college majoring in a science or math-related field.

### **Environmental Science**

*ELL1333-1334 – Full Year*

*1 credit*

*Almond Campus: 11-12*

*Prerequisite: A lack of literacy in written and spoken*

*English and/or a score between the 0 and 50<sup>th</sup>*

*percentile on a nationally normed assessment of*

*English proficiency.*

This course is designed to meet the needs of students who are limited English proficient. Environmental Science describes the natural world – its ecological principles, human interactions, and cultural factors that shape environmental decisions. Topics typically covered include ecosystems, population, natural resources and environmental issues. At the end of this course the students will be able to use their knowledge of ecosystems to intelligently assess environmental issues so as to make informed decisions relating to those issues. Environmental Science is an interdisciplinary science that will be used to enhance English language acquisition in the areas of listening, speaking, reading and writing.

### **Environmental Science**

**NCAA**

*SCI3333-3334 – Full Year*

*1 credit*

*Almond Campus: 11-12*

*Prerequisite: Completion of a Biology course.*

Environmental Science is an interdisciplinary science. It is an authentic, project-based course that applies scientific information to the real-world study and management of the environment. The real-world emphasis of this course requires students to take the responsibility for conducting an environmental study or studies in the local environment. Environmental Science describes the natural world – its ecological principles, human interactions, and cultural factors that shape environmental decisions. Topics typically covered include ecosystems, population, natural resources and environmental issues. Field trip experiences will be included in each semester where students gather data to be used by state scientists for comparative studies. At the end of this course the students will be able to use their knowledge of local ecosystems and utilize their field experiences to intelligently assess local and state environmental issues so as to make informed decisions relating to those issues.

### **Biology II**

**NCAA**

*SCI3331-3332 – Full Year*

*1 credit*

*Almond Campus: 11-12*

*Prerequisite: Successful completion of Biology and Chemistry or Physics.*

This second year biology course is for the serious science student, especially those interested in a health related career. Students will learn how to develop and research scientific problems. Students will be expected to demonstrate their knowledge through varied lab practical examinations. Students will perform a critical study of entomology. Students will also investigate and analyze current problems in human anatomy and physiology. In the second semester, students will demonstrate their ability to perform an intensive dissection project. Students will perform a detailed study of various vertebrate organisms in comparison to the human body systems. Students will observe and classify living things according to the human body systems.

### **STEM Physics**

**NCAA**

*SCI3343-3344 – Full Year*

*1 credit*

*Almond Campus: 11*

*Prerequisite: STEM Chemistry*

This introductory physics course studies a wide range of science, technology, engineering and math topics (STEM). This course will have students learning and practicing the fundamental science skills of making a hypothesis, designing and experiment, collecting data, graphing and analyzing data to reach a conclusion. Hands-on labs and engineering skills will be taught and practiced to encourage participation with unfamiliar concepts. Students are expected to occasionally complete homework outside of class. This course is designed for emerging science students who may not have a strong previous science background.

### **Physics**

**NCAA**

*SCI3341-3342 – Full Year*

*1 credit*

*Almond Campus: 11-12*

*Prerequisite: Successful completion of Chemistry.*

This course studies a wide range of physics topics to prepare college bound students. Topics covered include 1-dimensional motion, 2-dimensional motion, Newton's laws, momentum, energy, static electricity, electric circuits, wave motion, sound, light, and optics. These topics will be introduced conceptually, leading to mathematical problem solving and graphical analysis.

Students conduct hands-on lab experimentation for application and further investigation. Students are expected to complete homework approximately 4-5 times per week. Mathematical problems require basic proficiency in algebra and trigonometry.

### **Honors Physics**

*SCI5341-5342 – Full Year*

*Almond Campus: 11-12*

*Prerequisite: A grade of "C" or higher in Honors*

*Chemistry or meeting/exceeding grade level standards in mathematics.*

**NCAA**

*1 credit*

In addition to the same content as Physics, Honors Physics includes some additional topics, such as introduction to thermodynamics. All content is covered in more depth and at a faster pace than Physics. Lab experiments have a greater emphasis on inquiry and data analysis in lab reports. Students are expected to complete homework nightly. Mathematical analysis requires a solid foundation in solving algebra and trigonometry problems. This course is intended for college-bound students interested in majoring the science, engineering, or medical fields. The student peer group in this class is typically competitive and is motivated to develop independent learning skills and come to class prepared with specific questions.

### **Honors Earth Science**

*SCI5321-5322 – Full Year*

*Almond Campus: 11-12*

*Prerequisite: Students must have completed Chemistry and earned a grade of "B" or higher in all science courses taken during high school, or by recommendation of the Science Department Lead Teacher. A CLC proficiency exam must be successfully passed in order to register for college credit.*

**NCAA**

*1 credit*

Honors Earth Science will move at an accelerated pace and will be more in-depth than the traditional Geology course. It is designed to give the student an understanding of earth systems and their interdependence. The course will focus on the related sciences of geology, astronomy and meteorology. Honors Earth Science is a lab-oriented course offered in conjunction with the College of Lake County.

Students completing Honors Earth Science may receive four transferrable "Earth Science 120" college credits during the spring semester through CLC at no cost, dependent upon meeting the CLC course prerequisites and grade requirements. Students will receive grades

on both their WTHS and CLC transcripts. The WTHS grade is dependent on labs, projects, homework, and exams. The CLC grade is dependent upon eight exams taken throughout the year. All CLC exams will also count towards the WTHS grade. Strong study skills and self-advocacy are important factors in successfully completing this course.

### **AP Biology**

*SCI7351-7352 or SCI7353-7354 – Full Year*

*Almond Campus: 11-12*

*Prerequisite: A grade of "B" or higher in Honors*

*Chemistry. Completion of or concurrent enrollment in Physics. Seniors will have priority over Juniors in enrolling.*

**NCAA**

*1 credit*

The AP Biology course is designed to prepare students to take the Advanced Placement Test in Biology and is the equivalent of a college introductory biology course. This course differs significantly from the standard high school biology course with respect to the kind of textbook used, the range and depth of topics, the kind of laboratory work, and the time and effort required of students. Required summer readings and assignments will be given to participating students. Students will be scheduled for 1.5 periods for this course. By taking this course students will develop a conceptual framework for modern biology and gain an appreciation of science as a process. Major themes of the course will include: evolution, energy transfer, relationship of structure and function, interdependence in nature, and technology. There is a small amount of dissection required second semester. Students who show themselves to be qualified on the AP exam\* may receive college credit, advanced placement, or both, depending on the college or university they plan to attend.

### **Honors College General Chemistry I**

*(Dual Credit)*

*SCI5215-5216 – Full Year*

*Almond Campus: 11-12*

*Prerequisite: A grade of "C" or higher in Chemistry or Honors Chemistry.*

**NCAA**

*1 credit*

This course develops an analytical approach to solving chemical problems. The student is provided with principles that relate chemical structure, energy and reactivity and is introduced to the following topics: composition and properties of matter, nomenclature, stoichiometry, solutions, gas laws, thermochemistry, atomic structure and periodic trends, bonding, molecular geometries, and properties of liquids, solids

and gases. The course is ideal for chemistry majors, engineering majors, and students seeking careers in pre-professional health related fields. Strong study skills and self-advocacy are important factors in successfully completing this course.

Students who satisfy CLC prerequisites and successfully complete both semesters of Honors College General Chemistry I may receive five transferrable "Chemistry 121" college credits through CLC at no cost, dependent upon meeting the CLC course prerequisites and grade requirements. Students will receive grades on both their WTHS and CLC transcripts.

The CLC Prerequisites for this course are:

- A grade of "C" or higher in Chemistry or Honors Chemistry. **AND**
- A score of 470 or better on the PSAT10 or PSAT Evidence-Based Reading/Writing Section or Unweighted GPA of 3.0 or better after 5 semesters of High School. **AND**
- A score of 530 or better on SAT Mathematics Section.

### **AP Chemistry**

**NCAA**

SCI7311-7312 or SCI7313-7314 – Full Year 1 credit  
Almond Campus: 11-12  
Prerequisite: A "B" or higher in Honors Chemistry and concurrent enrollment or completion of Honors Physics.

The AP Chemistry course is designed to prepare students to take the Advanced Placement Test in Chemistry and is the equivalent of a college introductory chemistry course. This course differs significantly from the standard high school chemistry course with respect to the range and depth of topics, the kind of laboratory work, and the time and effort required of students. Students will be scheduled for 1.5 periods for this course. The course provides a good basis for college study in the physical sciences, engineering, or health related professions. The advanced placement curriculum will be followed with major topics including atomic structure, bonding, nuclear chemistry, states of matter, solutions, acid-base chemistry, REDOX, equilibrium, kinetics, and thermodynamics.

### **AP Physics 1: Algebra-Based**

**NCAA**

SCI7347-7348 – Full Year 1 credit  
Almond Campus: 11-12  
Prerequisite: A grade of "B" or higher in Honors Chemistry or meeting/exceeding grade level standards in mathematics.

This course is equivalent of a first-semester college course in algebra-based physics, but it is designed to be taught over a full academic year to enable AP students to develop deep understanding of the content and to focus on applying their knowledge through inquiry labs. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It also introduces electric circuits. All content is covered to a greater depth than Honors Physics, consequently the pace and time outside of class expectation is greater than honors physics. Students are expected to complete homework nightly with a greater emphasis on further development of independent thinking and learning skills. Because of the college board recommended time commitment outside of class, 5 hours per week, students may also consider honors physics as an alternative course that also prepares them for majoring the science, engineering, or medical fields. Students should consider taking AP Physics 2 the following year which includes thermodynamics, fluids, optics, nuclear topics and magnetism.

### **AP Physics C**

**NCAA**

SCI7345-7346 – Full Year 1 credit  
Almond Campus: 11-12  
Prerequisite: A grade of "B" or higher in Honors Physics or successful completion of AP Physics 1, and concurrent enrollment in Calculus or recommendation of the Science Lead Teacher.

This course is designed for students planning to specialize in science, engineering, or mathematics in college. Previous or concurrent enrollment in Calculus is often required by colleges of students who expect advanced placement credit for this course. The use of Calculus in problem solving and in derivations is expected to increase as the course progresses. Students will be scheduled for one period for this course. Major topic emphasis will be in Newtonian mechanics including kinematics, Newton's laws of motion, work, energy and power, systems of particles, linear momentum, circular motion and rotation, and oscillations and gravitations. Topics will be covered in greater depth and with greater analytical and



mathematical sophistication, including Calculus applications.

### **AP Physics 2: Algebra-Based**

*SCI7349-7350 – Full Year*

*Almond Campus: 11-12*

*Prerequisite: A grade of “B” or higher in Honors Chemistry or “C” or higher in AP Physics I or Honors Physics.*

### **NCAA**

*1 credit*

This course follows AP Physics 1 or Honors Physics. AP Physics 2 is an algebra-based, introductory college-level physics course that explores topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. Students are expected to complete homework nightly with a greater emphasis on further development of independent thinking and learning skills. The College Board recommended time commitment outside of class of 5 hours per week.

### **AP Environmental Science**

*SCI7321-7322– Full Year*

*Almond Campus: 11-12*

*Prerequisite: A grade of “B” or higher in Biology and Chemistry.*

### **NCAA**

*1 credit*

The AP Environmental Science course is designed to prepare students to take the Advanced Placement Test in Environmental Science. Students will explore and investigate the interrelationships of the natural world, including the interactions of animals, plants, and fungi, and how geography influences land and aquatic ecosystems. Students will also analyze natural and man-made environmental problems, including food production, disease control, extraction of fossil fuels, and climate change. Emerging technologies such as renewable energy will also be a key focus. Environmental science is interdisciplinary and will incorporate ideas from politics, economics, and other major fields of study. This course will include both laboratory investigations and field work.

Students in this course are eligible for dual-credit enrollment in BIO 140, environmental biology, at the College of Lake County. Students completing both semesters of AP Environmental Science may receive three transferrable “BIO 140” college credits through

CLC at no cost, dependent upon meeting the CLC course prerequisites and grade requirements. Students will receive grades on both their WTHS and CLC transcripts

### **Material Science**

*SCI3351-3352 – Full Year*

*Almond Campus: 12*

*Prerequisite: B or higher in CP Chemistry or CP Physics. Senior level science elective, not open to juniors.*

### **NCAA**

*1 credit*

The science and application of solid materials such as polymers, crystals, ceramics, metals and composite will be explored in both lecture and lab settings. The properties of these solids, the chemistry and composition, testing methods and manufacturing processes will be studied. Students interested in going beyond basic chemistry or physics will gain exposure to this science and engineering field.

## SOCIAL SCIENCE

Course Name	Designation	Course #	Pre-req	Cam pus	FR	SO	JR	SR	Sems	Cred	NCAA
World History	CC	ELL1183-1184	*	O	X				2	1.0	
World History	CC	ELL1187-1188	*	O	X				2	1.0	
World History Intensive	CC	SWS1139-1140		O	X				2	1.0	
World History	CP	SOC3113-3114		O	X				2	1.0	X
Honors World History	H	SOC5113-5114	*	O	X				2	1.0	X
AP World History	AP	SOC7111-7112	*	O	X	X			2	1.0	X
Ancient History	CP	SOC3153		O	X	X			1	0.5	X
Current Affairs	CP	SOC3152		O	X	X			1	0.5	X
Honors American Government, Economic and Civics	H	SOC5211-5212	*	O		X			2	1.0	X
Government and Civics	CC	ELL1283	*	B		X	X	X	1	0.5	
Government and Civics	CC	ELL1285	*	B		X	X	X	1	0.5	
Government and Civics	CP	SOC3211		B		X	X	X	1	0.5	X
AP Government and Politics	AP	SOC7211-7212	*	B		X	X	X	2	1.0	X
Contemporary Economics	CC	ELL1290	*	B		X	X	X	1	0.5	
Contemporary Economics	CC	ELL1292	*	B		X	X	X	1	0.5	
Contemporary Economics	CP	SOC3212		B		X	X	X	1	0.5	X
Law in America	CP	SOC3253		B	X	X	X	X	1	0.5	X
AP European History	AP	SOC7311-7312	*	A			X	X	2	1.0	X
United States History	CC	ELL1384-1385	*	A			X	X	2	1.0	
United States History	CC	ELL1387-1388	*	A			X	X	2	1.0	
United States History Developmental	CC	SOC1311-1312		A			X	X	2	1.0	
United States History	CP	SOC3311-3312		A			X	X	2	1.0	X
Honors United States History	H	SOC5311-5312	*	A			X		2	1.0	X
Sociology	CP	SOC3353		A			X	X	1	0.5	X
Psychology	CP	SOC3354		A			X	X	1	0.5	X
Anthropology	CP	SOC3351		A			X	X	1	0.5	X
History of Chicago	CP	SOC3221		A			X	X	1	0.5	X
History of WW I and WW II	CP	SOC3231		A			X	X	1	0.5	X
American Issues	CP	SOC3352		A				X	1	0.5	X
AP Microeconomics	AP	SOC7317		A			X	X	1	0.5	X
AP Macroeconomics	AP	SOC7318		A			X	X	1	0.5	X
AP United States History	AP	SOC7313-7314		A			X	X	2	1.0	X
AP Psychology	AP	SOC7315-7316		A			X	X	2	1.0	X
AP Comparative Government and Politics	AP	SOC7319		A			X	X	1	0.5	X
AP Human Geography	AP	SOC7321-7322		A			X	X	2	1.0	X

Students are required to take a minimum of 6 semesters or 3 credits of social science to graduate. All students must take a minimum of 1 semester of Government and 1 semester of Economics as a graduation requirement.

**Note:** All students must take World History, Honors World History, or AP World History during their freshman year. Successful completion or concurrent enrollment is a prerequisite for all departmental electives.

Course Designations: AP – Advanced Placement; H – Honors, CP – College Prep, CC – College Core

## World History

ELL1183-1184 – Full Year

1 credit

O'Plaine Campus: 9

*Prerequisite: A lack of literacy in written and spoken English and/or a score between the 0 and 50<sup>th</sup> percentile on a nationally normed assessment of English proficiency.*

This course is designed to meet the needs of students who are limited English proficient. Content is used to enhance English language acquisition in the areas of listening, speaking, reading and writing. This course is a comprehensive study of the historical development of Eastern and Western cultures through the millennium.

The major objective is to critically analyze the diversity and similarity of world cultures by focusing on people and events within the categories of geography, economic organization, politics and law, war and diplomacy, technology, religion, philosophy, science, and art.

## World History

ELL1187-1188 – Full Year

1 credit

O'Plaine Campus: 9

*Prerequisite: A lack of literacy in written and spoken English and/or a score between the 0 and 30<sup>th</sup> percentile on a nationally normed assessment of English proficiency. Additionally, the student must prove adequate Spanish proficiency on a nationally normed assessment of Spanish proficiency.*

The purpose of this class is to provide instruction to Spanish speaking students in their first language, to maintain their academic performance, and to provide a solid academic background to assist in the acquisition of English. Instruction is delivered in Spanish using Spanish materials. This course is a comprehensive study of the historical development of Eastern and Western cultures through the millennium, with a primary focus on the trends, personalities, and movements that shaped the modern world since 1500. The major objective is to critically analyze the diversity and similarity of world cultures by focusing on people and events within the categories of geography, economic organization, politics and law, war and diplomacy, technology, religion, philosophy, science, and art.

## World History Intensive

SWS1139-1140 – Full Year

1 credit

O'Plaine Campus: 9

*Prerequisite: None*

This course is an introductory study of the historical development of Western cultures and their interaction, or lack thereof, with the rest of the world through the millennium. The primary focus will be on the political, social, and economic themes that have shaped the modern world to answer the guiding questions: What are the continual political, social and economic changes in global history and how are these changes connected? How is globalization changing this relationship? The major objective of the course is to critically analyze the diversity and similarity of world cultures by focusing on people and events within the categories of geography, economic organization, politics and law, war and diplomacy, technology, religion, philosophy, science, and art.

## World History

SOC3113-3114 – Full Year

NCAA

1 credit

O'Plaine Campus: 9

*Prerequisite: None*

This course is an introductory study of the historical development of Western cultures and their interaction, or lack thereof, with the rest of the world through the millennium. The primary focus will be on the political, social, and economic themes that have shaped the modern world to answer the guiding questions: What are the continual political, social and economic changes in global history and how are these changes connected? How is globalization changing this relationship? The major objective of the course is to critically analyze the diversity and similarity of world cultures by focusing on people and events within the categories of geography, economic organization, politics and law, war and diplomacy, technology, religion, philosophy, science, and art.

## Honors World History

SOC5113-5114 – Full Year

NCAA

1 credit

O'Plaine Campus: 9

*Prerequisite: Recommendation based on Social Studies Department criteria or meeting/exceeding grade level standards in reading.*

This course is designed to analyze world history from early river civilizations through the 20th century. This course is organized thematically, students will be

analyzing world history through the lens of our three themes. The themes of history will include: Political Economy, Science/Philosophy, and Art. Students will develop writing and analytical skills by critically assessing primary source documents related to the major themes of the course, as well as building a general knowledge base of the different historical eras. This course is designed to help students develop insights, skills, concepts, and a knowledge base which will prepare them for the challenges they will face in Advanced Placement (AP) classes and will also prepare them for college.

### **AP World History**

*SOC7111-7112 – Full Year*

*O'Plaine Campus: 9-10*

*Prerequisite: Recommendation based on Social Studies Department criteria or meeting/exceeding grade level standards in reading.*

AP World History is a challenging course that focuses on the interaction between diverse human societies from approximately 8000 B.C.E. to the present. The objective is for students to develop a greater comparative understanding of the causes and effects of such interactions upon different classes of peoples in different areas. The course will focus heavily on Asia, Africa, Latin America, and the Middle East; however Europe and North America will also be explored. It will be presented chronologically over six time periods that students will explore thematically. Students will be assigned a college level text and numerous primary documents and scholastic articles to read. They will be expected to take extensive notes on their secondary source reading, be prepared to participate in classroom discussions, and write a number of analytical, comparative, evolutionary, and document-based essays.

**NCAA**

*1 credit*

### **Ancient History**

*SOC3153 – Semester 1 or 2*

*O'Plaine Campus: 9-10*

*Prerequisite: None*

This course is a student-centered, student-led course that focuses on the development of civilizations. The major emphasis is the study of Ancient Middle East, Ancient Africa, Ancient India and China, The Americas, Ancient Greece, and Ancient Rome.

The course is broken down into 6 units. Each unit includes one project and a unit test for assessment. In addition to group projects and presentations, students will learn information from a variety of written assignments, internet projects and traditional lectures. Students enrolled in this course must be highly motivated, disciplined, and have strong reading and analytical skills. Additionally, students should be comfortable with working in groups.

**NCAA**

*1/2 credit*

### **Current Affairs**

*SOC3152 – Semester 1 or 2*

*O'Plaine Campus: 9-10*

*Prerequisite: None*

The focus of this course is on understanding current events in society by developing media literacy and critical thinking skills. Students will use their Chromebooks to track, analyze, and discuss current news events. Upon completion of the course, media literate students will be able to evaluate and analyze messages in the mass media to determine items such as bias, propaganda, and point of view. Core units consist of (1) the role that technology plays in media and society, (2) how to critically assess arguments presented in the media and specifically our political landscape, and (3) the role of the media in shaping values and norms via marketing and public relations campaigns.

**NCAA**

*1/2 credit*

### **Honors American Government, Economics and Civics**

*SOC5211-5212 – Full Year*

*O'Plaine Campus: 10*

*Prerequisite: Teacher recommendation or meeting/exceeding grade level standards in reading.*

**NCAA**

*1 credit*

Honors Government and Economics is a year-long course that combines Contemporary Economics and United States Government. The course satisfies both

Government and Economics graduation requirements. The integration of both disciplines focuses on the relationship between American economics and government. The content of the two disciplines complement each other well, and the combination of subjects serves to enrich and provide a fuller understanding of the government and economy of the United States. While focusing on reading and writing skill work, the course will emphasize ACT test preparation, group discussion, and a critical analysis of American systems at the honors level. This will provide students with a degree of rigor beyond that of a regular level course but not as difficult as an AP level course. This course covers the newly mandated civics requirement for all high school student.

### **Government and Civics**

*ELL1283 – One Semester*

*1/2 credit*

*Both Campuses: 10-11-12*

*Prerequisite: A lack of literacy in written and spoken English and/or a score between the 0 and 50<sup>th</sup> percentile on a nationally normed assessment of English proficiency.*

This course is designed to meet the needs of students who are limited English proficient. Content is used to enhance English language acquisition in the areas of listening, speaking, reading and writing. Government is a study of the principles and practices of our nation and state government systems with a major focus on political parties, elections, Congress, the court system, and the Presidency. Students will be able to identify and critically analyze the roles that political leadership and citizen involvement play in our participatory democracy. Students will also compare and contrast different types of governmental systems with an emphasis on examining governmental relationships with its people and the roles they play in working societies. Proficiency in the United States and Illinois Constitution exams (as state/graduation requirement) will be completed in this class. This course covers the newly mandated civics requirement for all high school students.

### **Government and Civics**

*ELL1285 – One Semester*

*1/2 credit*

*Both Campuses: 10-11-12*

*Prerequisite: A lack of literacy in written and spoken English and/or a score between the 0 and 30<sup>th</sup> percentile on a nationally normed assessment of English proficiency. Additionally, the student must prove adequate Spanish proficiency on a nationally normed assessment of Spanish proficiency.*

The purpose of this class is to provide instruction to Spanish speaking students in their first language, to maintain their academic performance, and to provide a solid academic background to assist in the acquisition of English.

Instruction is delivered in Spanish using Spanish materials. Government is a study of the principles and practices of our nation and state government systems with a major focus on political parties, elections, Congress, the court system, and the presidency.

Students will be able to identify and critically analyze the roles that political leadership and citizen involvement play in our participatory democracy. Students will also compare and contrast different types of governmental systems with an emphasis on examining governmental relationships with its people and the roles they play in working societies. Proficiency in the United States and Illinois Constitution exams (a state/graduation requirement) will be completed in this class. This course covers the newly mandated civics requirement for all high school students.

### **Government and Civics**

**NCAA**

*SOC3211 – One Semester*

*1/2 credit*

*Both Campuses: 10-11-12*

*Prerequisite: None*

Government is a study of the principles and practices of our national and state governmental systems with a major focus on political parties, elections, Congress, the court system, and the presidency. Students will be able to identify and critically analyze the roles that political leadership and citizen involvement play in our participatory democracy. Students will also compare and contrast different types of governmental systems with an emphasis on examining governmental relationships with its people and the roles they play in working societies. Proficiency in the United States and Illinois Constitution exams (a state/graduation requirement) will be completed in this class. **This course is required for graduation.** This course covers

the newly mandated civics requirement for all high school student.

### **AP Government and Politics**

*SOC7211-7212 – Full Year*

*Both Campuses: 10-11-12*

*Prerequisite: Teacher recommendation. It is strongly recommended that students have earned a grade of “C” or higher in Honors World History or a grade of “B” or higher in World History or meeting/exceeding grade level standards in reading.*

Advanced Placement Government and Politics is a full year elective social studies course which provides students with a learning experience equivalent to that obtained in most introductory college courses in American Government.

This course will prepare the student to successfully complete the Advanced Placement Exam on U.S. Government in Politics (given in May) and will give the students an analytical and historical perspective on the American political process. This course also meets the federal and state constitution requirements needed for graduation.

Course activities include reading periodicals, daily newspapers, a college textbook and supplemental readings. Students will be required to integrate information obtained from readings, class discussions, and lectures to answer detailed multiple choice questions as well as write analytical and argumentative essays in preparation for the AP Exam. Students who take this course should be highly motivated, hard-working, and interested in a challenging and engaging learning experience. Completing this course satisfies the state requirement for consumer government.

### **Contemporary Economics**

*ELL1290 – Semester 1 or 2*

*Both Campuses: 10-11-12*

*Prerequisite: A lack of literacy in written and spoken English and/or a score between the 0 and 30<sup>th</sup> percentile on a nationally normed assessment of English proficiency.*

This course is designed to meet the needs of students who are limited English proficient. Content is used to enhance English language acquisition in the areas of listening, speaking, reading and writing. This required course will provide an introduction to economics in order to aid students to make more informed economic

choices, to prudently use resources and to function as an effective participant in the economics around them. Themes developed include scarcity, opportunity cost, supply and demand, business and the market, banking, the role of government, the impact of the global economy and personal money management skills. Completing this course satisfies the state requirement for consumer economics.

### **Contemporary Economics**

*ELL1292 – Semester 1 or 2*

*1/2 credit*

*Both Campuses: 10-11-12*

*Prerequisite: A lack of literacy in written and spoken English and/or a score between the 0 and 30<sup>th</sup> percentile on a nationally normed assessment of English proficiency.*

The purpose of this class is to provide instruction to Spanish speaking students in their first language to maintain their academic performance and to provide a solid academic background to assist in the acquisition of English. Instruction is delivered in Spanish using Spanish materials.

This required course will provide an introduction to economics in order to aid students in making more informed economic choices, to prudently use resources and to function as an effective participant in the economics around them. Themes developed include scarcity, opportunity cost, supply and demand, business and the market, banking, business and the market, banking, the role of government, the impact of the global economy and personal money management skills. Completing this course satisfies the state requirement for Consumer Economics.

### **Contemporary Economics**

*SOC3212 – Semester 1 or 2*

*Almond Campus: 11-12*

*Prerequisite: None*

**NCAA**

*1/2 credit*

This required course will provide an introduction to economics and consumer education so that students can make more informed economic and financial choices. There are three major themes for this one semester course. The first theme is Microeconomics, which studies scarcity, opportunity cost, supply/demand, and business structures. The second is Macroeconomics, which includes the banking system, the role of government, taxes, federal spending and the business cycle. The third theme is consumer education and personal/life money management skills.

Completing this course satisfies the state requirement for consumer economics. Students who are planning to enroll in either AP Microeconomics or AP Macroeconomics may enroll in this course for credit. This course is required for graduation unless a student takes AP Microeconomics and/or AP Macroeconomics.

### **Law in America**

*SOC3253 – Semester 1 or 2*  
*Both Campuses: 9-10-11-12*  
*Prerequisite: None*

**NCAA**

*1/2 credit*

This course is designed as an introduction to the basic legal concepts that govern our society. Students will be able to describe and discuss major aspects of both criminal and civil law. Simulations, projects, and guest speakers are frequently used to master an understanding of the legal process. In addition, students may tour the courts and jail to see the criminal justice system in operation.

### **AP European History**

*SOC7311-7312 – Full Year*  
*Almond Campus: 11-12*  
*Prerequisite: Recommendation based on Social Science Department criteria.*

**NCAA**

*1 credit*

This introductory college-level course traces European history from the Renaissance through the Napoleonic Era in the first semester and continues from the Congress of Vienna to the present in the second semester. This course will aid the student to develop an understanding of some of the main themes of modern European history, an ability to analyze historical evidence, and an ability to express written historical understanding. This course will use college-level texts and materials.

### **United States History**

*ELL1384-1385 – Full Year*  
*Almond Campus: 11-12*  
*Prerequisite: A lack of literacy in written and spoken English and/or a score between the 0 and 50<sup>th</sup> percentile on a nationally normed assessment of English proficiency.*

*1 credit*

This course is designed to meet the needs of students who are limited English proficient. Content is used to enhance English language acquisition in the areas of listening, speaking, reading and writing. American History examines all historical eras from colonial development into the Twenty-first century. Each unit

focuses upon highlighting the political, economic, cultural, social, and diplomatic issues exclusive to the creation and development of the American nation.

Students will become familiar with the causes and consequences of major themes in American history and the development of political, social, and economic values. The student will also critically analyze the impact of industrialization and the development of our status as a superpower in the work community. Students will be able to connect the social effects of these impacts on the diverse American population as well as the ways modern political democracy deals with these issues. Successful completion of this course is required for graduation.

### **United States History**

*ELL1387-1388 – Full Year*  
*Almond Campus: 11-12*  
*Prerequisite: A lack of literacy in written and spoken English and/or a score between the 0 and 30<sup>th</sup> percentile on a nationally normed assessment of English proficiency. Additionally, the student must prove adequate Spanish proficiency on a nationally normed assessment of Spanish proficiency.*

*1 credit*

The purpose of this class is to provide instruction to Spanish speaking students in their first language, to maintain their academic performance, and to provide a solid academic background to assist in the acquisition of English. Instruction is delivered in Spanish using Spanish materials. American History examines all historical eras from colonial development into the Twenty-first century. Each unit focuses upon highlighting the political, economic, cultural, social, and diplomatic issues exclusive to the creation and development of the American nation. Students will become familiar with the causes and consequences of major themes in American history and the development of political, social, and economic values. The student will also critically analyze the impact of industrialization and the development of our status as a superpower in the work community.

Students will be able to connect the social effects of these impacts on the diverse American population as well as the ways modern political democracy deals with these issues. Successful completion of this course is required for graduation.



### **United States History Developmental**

*SOC1311-1312 – Full Year*

*1 credit*

*Almond Campus: 11-12*

*Prerequisite: None*

This course provides a positive and accessible alternative for students who are two years or more behind in reading. Basic concepts and events in United States history will be taught in a course designed to meet the needs of students identified. This course will cover all historical eras from founding of America through the 21<sup>st</sup> century. The teacher will use a variety of methods to meet the learning needs of the students. Class discussion, projects, lectures, and various readings will aid students in being exposed to and reaching a better understanding of the various events that have occurred in United States History. Special emphasis will be placed on the improvement and reinforcement of reading, writing and critical thinking skills.

### **United States History**

**NCAA**

*SOC3311-3312 – Full Year*

*1 credit*

*Almond Campus: 11-12*

*Prerequisite: None*

United States History examines all historical eras from the founding into the twenty-first century. A short survey of colonial development and the American Revolution will begin the course. Each unit focuses on highlighting the political, economic, cultural, social, and diplomatic issues critical to the creation and development of the American nation and students will become familiar with the causes and consequences of major themes in United States History. Students will also critically analyze the impact of industrialization and the development of the United States as a global power. Students will be able to connect the social effects of these impacts on the diverse American population as well as the ways modern political democracy deals with these issues. The course is designed to enhance reading, writing, and critical thinking skills with a major focus on the evaluation of evidence in establishing historical arguments, solving problems and developing projects. Successful completion of this course is a requirement for graduation.

### **Honors United States History**

**NCAA**

*SOC5311-5312 – Full Year*

*1 credit*

*Almond Campus: 11*

*Prerequisite: Recommendation based upon Social Studies Department criteria or meeting/exceeding grade level standards in reading.*

Honors US History is a year-long accelerated survey course for college-bound juniors. Students will engage using the methods and skills of historians to: analyze primary and secondary sources, research, evaluate and analyze evidence, develop historical arguments, and make connections within and across time periods. Each unit focuses on highlighting the political, economic, cultural, social, and diplomatic issues critical to the creation and development of the American nation, and students will become familiar with the causes and consequences of major themes in United States History. Students will be challenged to connect diverse historical experiences and perspectives, as well as compare interpretations of historical events and developments, while tracing their impacts to the issues of America's modern political democracy. Successful completion of this course meets the US History requirement for graduation.

### **Sociology**

**NCAA**

*SOC3353 – Semester 1 or 2*

*1/2 credit*

*Almond Campus: 11-12*

*Prerequisite: None*

Sociology is an introduction to the study of human social behavior. The course explores concepts such as diverse societies, basic social institutions, group behavior, racism, conformity, peer pressure and deviance through lively class discussions, innovative activities, and entertaining films. Students will analyze social factors within their own lives to comprehend how social behaviors impact everyday decisions and beliefs. Group and individual projects, presentations and assessments are utilized throughout the course as well.

### **Psychology**

**NCAA**

*SOC3354 – Semester 1 or 2*

*1/2 credit*

*Almond Campus: 11-12*

*Prerequisite: None*

This is an introduction to Psychology and uses a college level text for deeper understanding of the issues. The course explores the role of psychology in the social sciences, various theories of learning, brain functioning,

sensation and perception, memory, states of consciousness, personality and personality disorders, and the application and treatment of these concepts to society. The student will examine and analyze these theories through group discussion and activities, videos and outside readings.

### **Anthropology**

*SOC3351 – Semester 1 or 2*

*Almond Campus: 11-12*

*Prerequisite: None*

### **NCAA**

*1/2 credit*

How is it possible that 2 random human beings from opposite sides of the world are more genetically similar than 2 birds from the same flock? In this course we will explore how this is the case. Anthropology is the study of man, through fields which include paleontology, human variation, language, archaeology, and culture. Analysis of cultures, both past and present, will allow students to develop an understanding of the world and the people that live in it. Readings, films, computer simulations, and research will be used in this class. A research project exploring an ancient artifact is a requirement of the course.

### **History of Chicago**

*SOC3221 – Semester 1 or 2*

*Almond Campus: 11-12*

*Prerequisite: None*

### **NCAA**

*1/2 credit*

This course traces the evolution of Chicago from a sparsely populated prairie to a booming industrial metropolis. Within a chronological framework, the following themes will be examined and then measured to determine where Chicago ultimately ranks in comparison to the nation's other leading cities: Early Chicago and the first pioneers, Economy - emphasis on railroads and industry; Immigration/labor/ethnography; Politics – the good, the bad, the ugly; Cultural distinctiveness – emphasis on 1893 exposition, architecture, art, music, literature, movies, theatre, retail, culinary, sports; and Chicago: What does the future hold?

### **History of WW I and WW II**

*SOC3231 – Semester 1 or 2*

*Almond Campus: 11-12*

*Prerequisite: None*

### **NCAA**

*1/2 credit*

World War One and World War Two takes a detailed look not only at the world wars themselves but at the historical contest in which the wars occurred and the

vast human consequences that resulted from them. We will examine the causes of World War One and its effect on the interwar period in terms of its causality in setting the conditions for World War Two. The major campaigns of both World War One and World War Two will be examined in detail along with the consequences of each war in terms of their effects on the role of the United States in the twentieth century.

### **American Issues**

*SOC3352 – Semester 1 or 2*

*Almond Campus: 11-12*

*Prerequisite: None*

### **NCAA**

*1/2 credit*

American Issues is a course that is concerned with various issues that affect society today. These topics include contemporary issues dealing with the family, legal systems, our culture, and other related issues. Students will identify various contemporary issues, analyze their causes, discuss the effects of these issues and propose solutions. Major assignments for this class include research papers, multiple class presentations and class participation.

### **AP Microeconomics**

*SOC7317 – Semester 1*

*Almond Campus: 11-12*

*Prerequisite: None*

### **NCAA**

*1/2 credit*

This introductory college level course in microeconomics covers the role of incentives, scarcity, opportunity cost, circular flow, the firm, supply and demand, and labor markets. This class focuses on the individual decisions consumers and businesses make to improve their lives. This semester course will fulfill the consumer economics graduation requirement. At the completion of this course, students are expected to take the Advanced Placement Microeconomics exam in May. It is strongly recommended that students enroll in both AP Microeconomics and AP Macroeconomics, as the first few weeks of each course cover the same fundamental topics.

### **AP Macroeconomics**

*SOC7318 – Semester 2*

*Almond Campus: 11-12*

*Prerequisite: None*

### **NCAA**

*1/2 credit*

This introductory college level course in macroeconomics covers the financial and economic choices that governments and societies make. This class focuses on the effects of government spending,

taxation, interest rates, unemployment, inflation, international trade and the value of the dollar on a nation's economy. This semester course will fulfill the consumer economics graduation requirement. At the completion of this course, students are expected to take the Advanced Placement Macroeconomics exam in May. . \*A separate fee for the A.P. Exam will apply.

It is strongly recommended that students enroll in both AP Microeconomics and AP Macroeconomics, as the first few weeks of each course cover the same fundamental topics.

### **AP United States History**

**NCAA**

*SOC7313-7314 – Full Year*

*1 credit*

*Almond Campus: 11-12*

*Prerequisite: Recommendation based on Social Studies Department criteria or meeting/exceeding grade level standards in reading.*

In this introductory college-level course students will learn to access historical materials and evaluate evidence and interpretations presented in the area of American social studies. The political, diplomatic, economic, and social development of the Colonial Era through Civil War and Reconstruction are the areas to be researched and analyzed during the first semester. In the second semester, students will study the economic and social changes brought on by Industrialism, the diplomatic effects of the growth of American power in the 20<sup>th</sup> Century, and the political changes resulting from these two factors in American life.

### **AP Psychology**

**NCAA**

*SOC7315-7316 – Full Year*

*1 credit*

*Almond Campus: 11-12*

*Prerequisite: Recommendation based on Departmental criteria.*

AP Psychology is an introductory college-level course that discusses scientific background of psychology; the various theories that help explain behavior, and the contemporary research methods used by psychologists. Topics include the biological bases of behavior, sensation and perception, states of consciousness, learning, cognition, motivation and emotion, developmental psychology, personality,

testing and individual differences, abnormal psychology, treatment of psychological disorders and social psychology.

### **AP Comparative Government and Politics**

**NCAA**

*SOC7319 – Semester 1 or 2*

*1/2 credit*

*Almond Campus: 11-12*

*Prerequisite: Recommendation based on Departmental criteria.*

AP Comparative Government and Politics focuses on the concepts used by political scientists to compare the practices and politics of six countries: China, Great Britain, Iran, Mexico, Nigeria, and Russia. The course places a focus on identifying problems and examining policymaking, while building students critical thinking and analytical skills. Students will engage in this through taking a topic and examining how the six countries address the issue differently. For example, students can understand the effectiveness of policy approaches to healthcare by examining how the various countries solve similar problems. Through applying political science concepts to real world examples, students are moving beyond theory and are able to understand how the concepts they are learning about impact the world around them.

### **AP Human Geography**

**NCAA**

*SOC7321-7322 – Full Year*

*1 credit*

*Almond Campus: 11-12*

*Prerequisite: Recommendation from Social Studies teacher.*

AP Human Geography is an introductory college-level geography course that defines the human race. Topics include: pop culture vs. folk culture, race, migration, politics, globalization, agriculture, urbanization, human-environment interaction, language, global warming and industrialization. AP Human Geography provides the opportunity for students who have never taken an AP course to experience college-level work. Activities include: current event analysis, online case studies, video documentaries and community observations to help prepare for the APHG Exam in May.

# THEATRE ARTS

Course Name	Designation	Course #	Pre-req	Campus	FR	SO	JR	SR	Sems	Cred	NCAA
Theatre I Creativity and Collaboration	CP	THE3113		B	x	x	x	x	1	0.5	
Theatre II Theatre in Action	CP	THE3213	*	B	x	x	x	x	1	0.5	
Theatre III/IV The Art of Storytelling	CP	THE3313	*	A			x	x	1	0.5	
Theatre Design and Technology	CP	THE3412		A			x	x	1	0.5	

Students are required to take a minimum of 2 semesters or 1 credit of Practical and/or Fine Arts for graduation. All Theatre Arts courses are considered Fine Arts.

## Theatre I - Creativity and Collaboration

*THE3113 – 1 Semester*

*1/2 credit*

*Both Campuses: 9-10-11-12*

*Prerequisite: None*

Creativity & Collaboration explores the basic components of Theatre Arts: acting, technical theatre, playwriting, theatre history, and theatre's role in society. In this class, students will: Create theatre to understand the process. Collaborate with their peers. Discover theatre as art. Theatre I is a hands-on application of the imagination open to all students.

## Theatre II - Theatre in Action

*THE3213 – 1 Semester*

*1/2 credit*

*Both Campuses: 9-10-11-12*

*Prerequisite: Successful completion of Theatre I or consent of the instructor.*

Theatre in Action develops the fundamental skills and tools required for performance. This class trains the Mind, Body, and Voice of emerging theatre artists. With a focus on Acting, students will: Engage their imagination. Build confidence and self-awareness. Perform various scripted and original scenes. Theatre II continues the journey of artistic exploration on stage and screen.

## Theatre III/IV - The Art of Storytelling

*THE3313 – 1 Semester*

*1/2 credit*

*Almond Campus: 11-12*

*Prerequisite: Successful completion of Theatre II or consent of the instructor.*

The Art of Storytelling builds upon the skills learned in Theatre 1 & 2 by exploring the adaptation of text to stage. In this class, students will: Develop authentic characters. Explore performance styles such as Improv and Stage Combat. Enhance performances through collaboration and creativity.

Theatre 3/4 works in collaboration with Technical Theatre & Design to create a performance for the school community. Students may take this course multiple times. Repeat students will work with the teacher to develop an individual plan to best meet their academic needs.

## Theatre Design and Technology

*THE3412– 1 Semester*

*1/2 credit*

*Almond Campus: 11-12*

*Prerequisite: None*

Theatre Design and Technology is a hands-on class for students interested in behind-the-scene aspects of Theatre Arts. In this class, students will: Explore what it means to be a theatre technician. Design sets, lights, sound, costumes, and make-up. Learn construction and painting techniques for theatre.

Technical Theatre & Design works in collaboration with Theatre 3/4 to create a performance for the school community. Students may take this course multiple times. Different units will be chosen based on the enrollment in the class.

# WORLD LANGUAGE

Course Name	Designation	Course #	Pre-req	Campus	FR	SO	JR	SR	Sems	Cred	NCAA
French I *	CP	FRG3121-3122		O	X				2	1.0	X
Honors French I *	H	FRG5121-5122		O	X	X			2	1.0	X
French II	CP	FRG3221-3222	*	O		X			2	1.0	X
Honors French II	H	FRG5221-5222	*	B	X	X	X		2	1.0	X
Honors French III	H	FRG5321-5322	*	A			X	X	2	1.0	X
Advanced Studies in French	H	FRG5341-5342	*	A			X	X	2	1.0	X
AP French IV Language	AP	FRG7421-7422	*	A			X	X	2	1.0	X
AP German IV	AP	FRG7411-7412	*	A			X	X	2	1.0	X
Spanish I	CP	FRG3131-3132		B	X	X	X	X	2	1.0	X
Honors Spanish I	H	FRG5131-5132	*	O	X	X			2	1.0	X
Spanish II	CP	FRG3231-3232	*	B		X	X	X	2	1.0	X
Honors Spanish II	H	FRG5231-5232	*	B	X	X	X	X	2	1.0	X
Spanish III	CP	FRG3331-3332	*	A			X	X	2	1.0	X
Honors Spanish III	H	FRG5331-5332	*	B		X	X	X	2	1.0	X
Spanish IV	CP	FRG3431-3432	*	A			X	X	2	1.0	X
Honors Spanish IV	H	FRG5431-5432	*	A			X	X	2	1.0	X
AP Spanish Language and Culture	AP	FRG7551-7552	*	A			X	X	2	1.0	X
AP Spanish Literature and Culture	AP	FRG7561-7562	*	A				X	2	1.0	X
Spanish Language Arts & Culture I	CP	FRG3113-3114	*	O	X	X			2	1.0	X
Honors Spanish Language Arts & Culture I	H	FRG5143-5144	*	O	X	X			2	1.0	X
Spanish Language Arts & Culture	CP	FRG3213-3214	*	O		X			2	1.0	X
Honors Spanish Language Arts & Culture II	H	FRG5243-5244	*	O		X			2	1.0	X

Students are required to take a minimum of 2 semesters or 1 credit of Practical and/or Fine Arts for graduation. All World Language courses are considered Practical Arts. Students are encouraged to take a minimum of 6 semesters or 3 credits of a world language. Starting with the Class of 2021, students will not be able to take French 1 as sophomores.

## WTHS World Language Department Philosophy

Students in the World Language courses at WTHS will communicate in languages other than English for personal enjoyment and/or professional reasons. They will also develop cultural awareness and knowledge to better participate in multi-cultural societies. By exposing students to a wide variety of materials and activities in the target language, they will develop proficiency in languages other than English through authentic real-life situations, practice all modes of communication (interpretive, interpersonal, and presentational) through structured authentic learning opportunities, apply grammar structures in authentic context with an emphasis on production, and gain knowledge and understanding of other cultures and draw comparisons to our own cultures.

Our curriculum is designed to allow students to meet the national standards of world-language readiness upon successful completion of our programs.

## FRENCH

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### French I

FRG3121-3122 – Full Year

O'Plaine Campus: 9

Prerequisite: None

### NCAA

1 credit

Students will begin to develop French language skills and cultural understanding through reading, writing, listening and speaking in the language. Development of proficiency in all four areas is practiced in the 3 modes of communication that are interwoven throughout the course. Students will communicate in French with classmates and the teacher on a wide variety of topics related to their daily lives. Students will engage in conversations, understand authentic materials, and develop a cultural awareness to the language and customs of people in French-speaking countries. A grade of "C" or higher is recommended for continued study in this elective course.

### Honors French I

FRG5121-5122 – Full Year

O'Plaine Campus: 9-10

Prerequisite: Honors-level English preferred.

### NCAA

1 credit

This is an accelerated French I course focused on student communication. Students will build French language skills and cultural understanding through conversations, authentic print, audio and video materials, and exposure to the language and customs of people in French-speaking countries. Proficiency in listening, speaking, reading and writing will be developed through communication with classmates and the teacher on a variety of themes that relate to students' daily lives. A grade of "C" or higher is highly recommended to continue on to Honors French II.

### French II

FRG3221-3222 – Full Year

O'Plaine Campus: 10

Prerequisite: Successful completion of French I.

### NCAA

1 credit

Students will continue to develop proficiency in French using the three modes of communication through reading, writing, listening, and speaking French. Topics will become more complex and students will begin to expand and elaborate in their communication. Students will engage in conversations, understand authentic print, audio, and video materials, and develop a cultural awareness to the language and customs of people in French-speaking countries. A

grade of "C" or higher is highly recommended for continued study in this elective course.

### Honors French II

FRG5221-5222 – Full Year

Both Campuses: 9-10-11

Prerequisite: A grade of "C" or higher in Honors French I.

### NCAA

1 credit

This course is a rigorous study of second-year French where students will continue to develop proficiency in French through conversations, authentic print, audio and video materials, and exposure to the language and customs of people in French-speaking countries. Students in this course are expected to communicate with the teacher and classmates in French. Spoken and written language will promote the use of detail, intermediate-level language functions, and cultural comparisons.

### Honors French III

FRG5321-5322 – Full Year

Almond Campus: 11-12

Prerequisite: Successful completion of French II.

### NCAA

1 credit

This course is the continuation of French II and is a moderately-paced intermediate-level French class. Students will continue language acquisition and cultural understanding throughout the course as they develop their skills in the interpersonal, interpretive, and presentational modes of communication. An increased use of French as the main form of communication in the classroom is expected. Authentic materials, including those in the textbook series, podcasts, and other technologies, will be used to create multi-cultural links to increase student comprehension of everyday usage of French. A grade of "C" or higher is recommended for continued study in this elective course.

## Advanced Studies in French

FRG5341-5342 – Full Year

Almond Campus: 11-12

*Prerequisite: A grade of "C" or higher in Honors French II or Honors French III.*

This course is the continuation of Honors French II and is an advanced Honors French course with an increased use of French by the teacher and the students to promote a communicative classroom. The students will continue to develop communication skills in French using interpersonal, interpretive, and presentational modes of communication. Through spoken and written work, students will present information, concepts, and ideas effectively and accurately. Students will be introduced to material and content related to the AP French exam. Materials, including those in the textbook series, podcasts, and other technologies, will be used to create multi-cultural links and promote cultural understanding and knowledge. A grade of "C" or higher is recommended for continued study in this elective course.

## AP French IV Language

FRG7421-7422 – Full Year

Almond Campus: 11-12

*Prerequisite: Grade of "C" or higher in Advanced Studies in French.*

The focus of the language class at this level is thematic. The established AP themes are: Beauty & Aesthetics; Global Challenges; Family & Community; Personal & Public Identity; Contemporary Life; and Science & Technology. The class will be conducted in French. The skills required for the AP French exam will be practiced and students will demonstrate their language skills through a variety of activities such as informal conversation, written projects, and oral presentations, which practice the interpersonal, interpretive, and presentational modes of communication.

## GERMAN

### AP German IV

FRG7411-7412 – Full Year

Almond Campus: 11-12

*Prerequisite: Grade of "C" or higher in Honors German III.*

WTHS is offering German III in conjunction with Illinois Virtual High School Academy. AP German students will build upon their experiences in German III as they

**NCAA**

1 credit

journey closer to fluency in reading, writing, listening and speaking German. Students will practice their German skills in a variety of ways as designed by the IVHS Academy. All students are expected to meet online with their teacher to practice and assess listening and speaking skills. AP students will also benefit from instructional resources and practice on the College Board My AP Classroom website as they prepare for the AP Exam in May. IVS AP German Language and Culture is aligned to ACTFL standards for language instruction and has been approved by the AP Course Audit.

## SPANISH

### Spanish I

FRG3131-3132 – Full Year

Both Campuses: 9-10-11-12

*Prerequisite: None*

Students will begin to develop Spanish language skills and cultural understanding through reading, writing, listening and speaking in the language. Development of proficiency in all four areas is practiced in the 3 modes of communication: Interpersonal, Interpretive, Presentational. Students will communicate in Spanish with classmates and the teacher on a wide variety of topics related to their daily lives. Students will engage in conversations, understand authentic materials, and develop a cultural awareness to the language and customs of people in Spanish-speaking countries. A grade of "C" or higher is recommended for continued study in this elective course.

### Honors Spanish I

FRG5131-5132 – Full Year

O'Plaine Campus: 9-10

*Prerequisite: Honors-level English preferred.*

This course is a rigorous study of Spanish and moves at a fast pace. Students will begin to develop Spanish language skills and cultural understanding through reading, writing, listening and speaking in the language. Development of proficiency in all four areas is practiced in the 3 modes of communication: Interpersonal, Interpretive, Presentational. Students will be able to communicate in Spanish with classmates and the teacher on a wide variety of topics related to their daily lives. Students will engage in conversations using detail, understand authentic materials, and develop a cultural awareness to the language and customs of people in Spanish-speaking countries. A grade of "C" or higher is

**NCAA**

1 credit

**NCAA**

1 credit

recommended for continued study in this elective course.

### **Spanish II**

*FRG3231-3232 – Full Year*

*Both Campuses: 9-10-11-12*

*Prerequisite: Successful completion of Spanish I.*

**NCAA**

*1 credit*

Students will continue to develop Spanish language skills and cultural understanding through reading, writing, listening and speaking in the language. Development of proficiency in all four areas is practiced in the 3 modes of communication: Interpersonal, Interpretive, Presentational. Topics will become more complex and students will begin to expand and elaborate in their communication.—Students will engage in conversations, understand authentic materials, and develop a cultural awareness to the language and customs of people in Spanish-speaking countries. A grade of “C” or higher is recommended for continued study in this elective course.

### **Honors Spanish II**

*FRG5231-5232 – Full Year*

*Both Campuses: 9-10-11-12*

*Prerequisite: A grade of “C” or higher in Honors Spanish I or middle-school equivalent or department recommendation.*

**NCAA**

*1 credit*

This course is intended for students who successfully completed Honors Spanish I or an equivalent middle-school program. Students will continue to develop Spanish language skills and cultural understanding through reading, writing, listening and speaking in the language. Development of proficiency in all four areas is practiced in the 3 modes of communication: Interpersonal, Interpretive, Presentational. Topics will become more complex and students will begin using more complex tenses in their communication. Student activities will vary from structured practice to creative personalized expression. Authentic readings and video clips representing the Spanish language and culture will be utilized.

### **Spanish III**

*FRG3331-3332 – Full Year*

*Almond Campus: 11-12*

*Prerequisite: Successful completion of Spanish II.*

**NCAA**

*1 credit*

Students will continue language acquisition with continued development of skills in reading, writing, listening and speaking. Topics will become more complex and students will begin using more complex tenses in their written and spoken communication. Student activities will vary from structured practice to creative personalized expression. Materials including those in the textbook series will be used to create multicultural links and promote cultural understanding and knowledge. A grade of “C” or higher is highly recommended for continued study in this elective course.

### **Honors Spanish III**

*FRG5331-5332 – Full Year*

*Both Campuses: 10-11-12*

*Prerequisite: A grade of “C” or higher in Honors Spanish II.*

**NCAA**

*1 credit*

This course is a rigorous study of Spanish and moves at a fast pace. It is intended for students who successfully completed Honors Spanish II and have an aptitude for learning language. Students will continue language acquisition with the further development of skills in reading, writing, listening and speaking. Topics will become more complex and students will begin using more complex tenses in their increased written and spoken communication. Student activities will vary from structured practice to creative personalized expression. Authentic readings—and video clips representing the Spanish language and cultures of the target countries will be utilized. Materials, including those in the textbook series, will be used to create multicultural links and promote cultural understanding and knowledge. A grade of a “C” or higher is highly recommended for continued study in this honor track elective course.



## Spanish IV

FRG3431-3432 – Full Year

Almond Campus: 11-12

*Prerequisite: Successful completion of Spanish III.*

**NCAA**

1 credit

Students will continue their language acquisition with continued development of skills in reading, writing, listening and speaking. The class will be taught using authentic readings, videos, and audio clips from the target countries. A grade of “C” or higher is highly recommended for continued study in this elective course.

## Honors Spanish IV

FRG5431-5432 – Full Year

Almond Campus: 11-12

*Prerequisite: Successful completion of Honors Spanish III, Honors Spanish Language Arts and Culture II or Spanish Language Arts and Culture II.*

**NCAA**

1 credit

This course is a rigorous study of Spanish and moves at a fast pace. It is intended for students who have an aptitude for learning language and have taken 3 years of the language. Students will develop their language skills in Spanish by practicing listening and speaking activities as well as through readings. Development of proficiency in all four areas is interwoven throughout the program. Students will engage in conversations, do oral presentations, create written works and utilize on-line sites to practice skills. Students will gain proficiency in the use of the various tense.

A grade of a “C” or higher is recommended for continued study in this elective.

## AP Spanish Language and Culture

FRG7551-7552 – Full Year

Almond Campus: 11-12

*Prerequisite: Successful completion of Honors Spanish IV or Honors Spanish Language Arts and Culture II.*

**NCAA**

1 credit

The AP Spanish Language and Culture course is a rigorous course taught exclusively in Spanish. The course allows students to continue mastering language structures in context as well as their fluency in order to convey meaning. Students explore culture in both contemporary and historical contexts to develop an awareness and appreciation of cultural products, practices, and perspectives. Throughout the course, students participate in discussions where they are able to share their own cultures and compare them to those of Spanish speaking countries. The class is focused and structured around the six AP themes. Students

communicate using rich, advanced vocabulary and linguistic structures as they build proficiency. The course focuses on the integration of authentic resources with the goal of providing a rich, diverse learning experience.

## AP Spanish Literature and Culture

FRG7561-7562 – Full Year

Almond Campus: 12

*Prerequisite: Successful completion of AP Spanish Language and Culture.*

**NCAA**

1 credit

This course is designed to continue the formal study of Peninsular Spanish, Latin American, and U.S. Hispanic literature. The course aims to develop students’ critical reading and analytical writing skills in Spanish as well as their ability to make interdisciplinary connections and explore linguistic and cultural comparisons. This class will be conducted entirely in Spanish appropriate to this level and covers the entire official AP Spanish Literature and Culture reading list.

## Spanish Language Arts and Culture I

FRG3113-3114 – Full Year

O’Plaine Campus: 9-10

*Prerequisite: Department recommendation or successful completion of a middle school dual-language program.*

**NCAA**

1 credit

This class is for students with established Spanish skills acquired through daily communication with family and community or through dual language/bilingual education programs. The class will be conducted in Spanish and students will be required to communicate in Spanish. This is a content-based, student-centered language arts and literacy program focused on the specific needs of Spanish-speaking students. This course will allow Spanish speakers the opportunity to practice and improve oral, written, reading and listening language, thus moving the students beyond informal and basic literacy skills. Students will be prepared to use Spanish language as an invaluable life skill for opportunities and service in the community, in higher education and in careers. A grade of “C” or higher is recommended for continued study in this elective.

## **Honors Spanish Language Arts and Culture I**

*FRG5143-5144 – Full Year*

*O'Plaine Campus: 9-10*

*Prerequisite: Department recommendation or successful completion of a middle school dual-language program.*

**NCAA**

*1 credit*

This class is for students with advanced Spanish skills who have previous exposure to reading and writing in Spanish in family, community, and/or educational settings. The class will be conducted in Spanish and students will be required to communicate in Spanish. This is a content-based, student-centered language arts and literacy program focused on the specific needs of Spanish-speaking students. This course will allow Spanish-speaking students the opportunity to practice and improve oral, written, reading and listening language, thus moving the students beyond informal and basic literacy skills. Students will be prepared to use Spanish language as an invaluable life skill for opportunities and service in the community, in higher education and in careers. A grade of "C" or higher is recommended for continued study in this elective.

## **Spanish Language Arts and Culture II**

*FRG3213-3214 – Full Year*

*O'Plaine Campus: 10*

*Prerequisite Department Recommendation or successful completion of Spanish Language Arts & Culture I.*

**NCAA**

*1 credit*

This course will continue to challenge Spanish-speaking students to improve their command of the Spanish language. The emphasis remains on providing opportunities to practice, use and improve oral and

written language skills beyond the informal and basic literacy skills that the students may already possess. The students will use literature and art for an in-depth study of Spanish-speaking cultures. The successful completion of this course will allow for students to continue their studies the Honors Spanish IV course. Students will be prepared to use Spanish as an invaluable life skill for opportunities and service in the community, in higher education and in careers. A grade of "C" or higher is recommended for continued study in this elective.

## **Honors Spanish Language Arts and Culture II**

*FRG5243-5244– Full Year*

*O'Plaine Campus: 10*

*Prerequisite: Department Recommendation or successful completion of Honors Spanish Language Arts & Culture I.*

**NCAA**

*1 credit*

This course will continue to challenge Spanish-speaking students with a more intensive study and application of their Spanish language. The emphasis remains on providing opportunities to practice, use and improve oral and written language skills beyond the informal and basic literacy skills that the students already possess. The students will use literature and art for an in-depth study of Hispanic cultures through a more rigorous study and faster pace. The successful completion of this course will prepare students for the AP Spanish Language and Culture course. Students will be prepared to use Spanish as an invaluable life skill for opportunities and service in the community, in higher education and careers. A grade of "C" or higher is recommended for continued study in this elective.

## Other Electives

Course Name	Designation	Course #	Pre-req	Campus	FR	SO	JR	SR	Sems	Cred	NCAA
Grammar and Linguistics	CP	ENG3333		A			x	x	1	0.5	
Journalism	CP	ENG3339	*	A			x	x	1	0.5	
Communications	CP	ENG3335		A			x	x	1	0.5	
Learning Strategies		SpCH_Gen93-94	*	B	x	x	x	x	1	0.5	

### Grammar and Linguistics

*ENG3333 – Semester 1 or 2* *1/2 credit*  
*Almond Campus: 11-12*  
*Prerequisite: Successful completion of one semester of English II.*

This class is designed for the college bound and for those who wish to improve verbal scores on standardized tests. Students will study: the nature of language, the history of the English language, vocabulary development through the mastery of Latin and Greek root words and prefixes, and advanced grammar and word usage.

### Communications

*ENG3335 – Semester 1 or 2* *1/2 credit*  
*Almond Campus: 11-12*  
*Prerequisite: Three years of English and/or space for an English elective at grade 11.*

Communications is a public speaking course that focuses on the development of an individual student's skills in speaking, listening, reading, and writing in the English realm. As a student of this course you will be evaluated on your speaking, writing, reading and listening abilities through a wide variety of assessments such as speeches, debate, tests, quizzes and journals writing.

### Journalism

*ENG3339 – Semester 1 or 2* *1/2 credit*  
*Almond Campus: 11-12*  
*Prerequisite: Successful completion of one semester of English II.*

This course encompasses both a historical as well as a contemporary view of American journalism and sets as its primary goal the development of media-literacy. Through -the analysis of print and non-print texts, the student will gain a critical perspective about the ways in which media exerts its influence upon society's thinking and behaviors. Students will study television, film, radio, print and electronic journalism, exploring their function and efficacy as instruments of education, entertainment and persuasion. This course requires critical reading, active viewing, analytical writing, oral presentations and participation in creative group projects.

### Learning Strategies

*SpCH\_Gen93-94 - Semester 1 or 2* *1/2 credit*  
*Both Campuses: 9-10-11-12*  
*Prerequisite: Placement determined by the student's IEP Team.*

In Learning Strategies, students will learn and apply specific academic and executive functioning strategies that can be applied and utilized in and out of the classroom. This course provides academic and social emotional support, monitors work completion, and utilizes research-based interventions to accelerate academic, social emotional and executive functioning skills that are identified areas within the student's Individualized Education Program (IEP). Grading for this course is pass/fail.

# VOCATIONAL EDUCATION

Vocational Education is a practical applied academic program that provides students with an opportunity to learn and perform relevant life and job skills while exploring their own strengths, interests, and preferences. Students begin with developing skills in many areas, while applying core academic skills and progress to gaining more advanced job skills in their own area of interest. Placement into these courses is determined by the student's IEP team.

Course Name	Campus	FR	SO	JR	SR	Sems	Cred	NCAA
Career Exploration 1	O	X	X			1	0.5	
Career Exploration 2	O	X	X			1	0.5	
Career Development 1	A			X	X	1	0.5	
Career Development 2	A			X	X	1	0.5	
Career Development 3	A			X	X	1	0.5	
Career Development 4	A			X	X	1	0.5	
Vocational Skills 1	A			X	X	1	0.5	
Vocational Skills 2	A			X	X	1	0.5	
Job Preparation Skills	A			X	X	1	0.5	
Job Preparation Skills	A			X	X	1	0.5	

## Career Exploration 1, 2

*Semester 1*

*1/2 credit*

*Semester 2*

*1/2 credit*

*O'Plaine Campus: 9-10*

*Prerequisite: None*

In this course students will perform activities related to exploring career clusters: Agriculture, Food and Natural Resources; Architecture and Construction; Arts, Technology and Communication; Business Education; Finance; Government; Health Science and Human Services; Law and Transportation. Students develop skills to make informed job choices in career decisions.

## Career Development 1, 2, 3, 4

*Semester 1*

*1/2 credit*

*Semester 2*

*1/2 credit*

*Almond Campus: 11-12*

*Prerequisite: None*

In this course students will explore careers through project-based learning. Students will complete an interest inventory to help select career clusters that best match their unique personality traits, interests, attitudes, aptitudes, abilities and values. These career clusters include the following: Agriculture, Food and Natural Resources; Architecture and Construction; Arts, Technology and Communication; Business Education; Finance; Government; Health Science and Human Services; Law and Transportation.

## **Vocational Skills 1, 2**

*Semester 1*

*1/2 credit*

*Semester 2*

*1/2 credit*

*Almond Campus: 11-12*

*Prerequisite: None*

This course is a 2-period block. Students will focus on a project related to developing skills in their individual area of interest. This class involves hands-on project based learning from the following career clusters: Agriculture, Food and Natural Resources; Architecture and Construction; Arts, Technology and Communication; Business Education; Finance; Government; Health Science and Human Services; Law and Transportation. It is recommended that students complete career exploration and/or career development prior to enrolling in Vocational Skills.

## **Job Preparation Skills**

*Semester 1*

*1/2 credit*

*Semester 2*

*1/2 credit*

*Almond Campus: 11-12*

*Prerequisite: None*

Students will develop job skills needed for all careers including customer service skills, written, verbal and non-verbal communication; teamwork; job search activities; and job retention skills. Specific skills include office skills, electronic document management, resume and cover letter writing, job applications, networking and job interviewing.

## NON-CREDIT COURSES and ACTIVITIES

Course Name	Course #	Pre-req	Campus	FR	SO	JR	SR	Sems	Cred	NCAA
Yearbook Editor	GEN0171-0172		A			X	X	2	0.0	
Scratch Paper	GEN0173-0174	*	A			X	X	2	0.0	
Student Council	LUN0601-0602		B	X	X	X	X	2	0.0	
Creations	LUN0603-0604		A			X	X	2	0.0	
FBLA_Lunch	LUN0605-0606		B	X	X	X	X	2	0.0	
Lunch_FBLA	LUN0607-0608		B	X	X	X	X	2	0.0	
Study Hall Fall	GEN0101		B	X	X	X	X	1	0.0	
Study Hall Spring	GEN0102		B	X	X	X	X	1	0.0	
Study Hall_Lunch	LUN0101-0102		O	X	X			1	0.0	
Lunch_Study Hall	LUN0103-0104		O	X	X			1	0.0	
Junior Lunch	LUN0301-0302		A			X		1	0.0	
Senior Lunch	LUN0401-0402		A				X	1	0.0	

### NON-CREDIT COURSES

#### Yearbook Editor

GEN0171-0172 – Full Year

Almond Campus: 11-12

Prerequisite: None

NO credit

The position of Yearbook Editor requires a variety of skills in web design, photography, writing and staff management in order to produce the school's annual yearbook. Editors are required to attend a weekly meeting after school in addition to their zero period yearbook activity hour. In addition, a three-day summer workshop is provided to all editors who are accepted as editors. Positions available include: One Editor-In-Chief, eight staff editors, and one photography editor. A teacher recommendation and application (available in March) is required. Acceptance letters for the editor positions will be sent out in April.

#### Scratch Paper

GEN0173-0174 – Full Year

Almond Campus: 11-12

Prerequisite: None

NO credit

Newspaper provides students the opportunity to research and report both local and national events. In addition, the course teaches writing, photograph, and design skills. Students complete the interviews, research, writing, editing, photograph, and design of the paper (using Adobe InDesign). There are out of class time requirements, particularly close to each paper deadline. Students are expected to attend the monthly Sunday work day. Teacher recommendation and application is required for admission in to the course. Traveling sophomores must have a study hall in their schedule.

## LUNCH ACTIVITIES

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### Student Council

LUN0601-0602 – Full Year

NO credit

Both Campuses: 9-10-11-12

Prerequisite: None

Student council is a club that meets every day during one activity period. Each day members work on various projects for the entire activity period. Attendance is mandatory, like all academic classes, but no credit is offered. Applications are available in January for the following school year. There is a limited number of spaces and acceptance is required before being placed in the activity period.

### Creations

LUN0603-0604 – Full Year

NO credit

Almond Campus: 11-12

Prerequisite: None

Creations is Warren's Art and Literary magazine. The magazine offers a creative outlet and accepts submissions of art, poetry, film, music, literature, and photography. Students organize submissions, learn Adobe InDesign, format layouts, design pages of the magazine, edit literature and art, and plan the P.A.L.M. contest. Students meet daily during their activity period; during second semester, students meet one day a week after school and on Saturday mornings. Attendance is mandatory. Teacher recommendation and student application are required for admission into the limited number of staff positions.

### FBLA\_Lunch

LUN0605-0606 – Full Year

NO credit

Both Campuses: 9-10-11-12

### Lunch\_FBLA

LUN0607-0608 – Full Year

NO credit

Both Campuses: 9-10-11-12

Future Business Leaders of America's is a national organization that brings business and education together through innovative leadership and career development programs. FBLA Activity Period is optional for our members and seats are limited. Those who elect to attend activity period are expected to attend meetings regularly and maintain a high level of participation in the community service and social activities that our chapter offers. Activity period consists of team-building and leadership activities, special projects, committee work, and icebreaker activities, as well as dedicated study hall days.

## STUDY HALLS

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### Study Hall Fall

GEN0101 – Semester 1

No credit

Both Campuses: 9-10-11-12

### Study Hall Spring

GEN0102 – Semester 2

No credit

Both Campuses: 9-10-11-12

## LUNCH/STUDY HALLS

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### Study Hall\_Lunch

LUN0101-0102 – Full Year

No Credit

O'Plaine Campus: 9-10

### Lunch\_Study Hall

LUN0103-0104 – Full Year

No Credit

O'Plaine Campus: 9-10

### Junior Lunch, Jr.

LUN0301-0302 – Full Year

No Credit

Almond Campus: 11

### Senior Lunch, Sr.

LUN0401-0402 – Full Year

No Credit

Almond Campus: 12

# POST SECONDARY TRANSITION PROGRAM ---

## **Transition Program**

*TBD per student*

*NO credit*

*O'Plaine Campus: Post High School*

*Prerequisite: Placement determined by student's IEP Team.*

This program focuses on the development of community access, independent living, and work-based learning skills needed for a more independent adult life. Placement into this program is determined by the student's IEP team.



# LAKE COUNTY AREA TECHNOLOGY CAMPUS

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The Lake County Area Technology Campus offers 17 different programs for students. Warren juniors and seniors are eligible to apply for these programs. Students have the opportunity to gain job skills and training for careers. Internships, apprenticeships, extended campus and technology opportunities are available to students. Please note that all courses have applicable fees. Students are required to take a minimum of 2 semesters or 1 credit of Practical and/or Fine Arts for graduation. All Technology Campus courses are considered Practical Arts.

Lake County Area Technology Campus also offers Dual and Articulated Credit opportunities for students enrolled in their programs. Detailed information regarding Dual and Articulated Credit at Technology Campus can be found on their website at <https://www.techcampus.org/domain/54>.

## 2 semesters, 3.0 credits per year

- VOC3395-3396 Cybersecurity
- VOC3311-3312 Auto Collision Repair I
- VOC3413-3414 Auto Collision Repair II
- VOC3315-3316 Automotive Services I
- VOC3417-3418 Automotive Services II
- VOC3359-3360 Biomedical Science
- VOC3461-3462 Biomedical Science II
- VOC3351-3352 Certified Nurse Assistant
- VOC3361-3362 Computer Support Services I
- VOC3463-3464 Computer Support Services II
- VOC3321-3322 Construction Skills and Management I
- VOC3423-3424 Construction Skills and Management II
- VOC3379-3380 Criminal Justice
- VOC3331-3332 Culinary Arts I
- VOC3433-3434 Culinary Arts II
- VOC3327-3328 Early Education and Teaching I
- VOC3429-3430 Early Education and Teaching II
- VOC3441-3442 Emergency Medical Services
- VOC3335-3336 Fire Fighting
- VOC3385-3386 Game Programming and Virtualization
- VOC3393-3394 Industrial Technology
- VOC3387-3388 Laser Technology
- VOC3469-3470 Laser Technology II
- VOC3489-3490 Law Enforcement and Crime Scene Investigation
- VOC3357-3358 Medical Assisting
- VOC3383-3384 Multi Media Design I
- VOC3483-3484 Multi Media Design II
- VOC3301-3302 Project Lead the Way I
- VOC3365-3366 Welding and Fabrication I
- VOC3467-3468 Welding and Fabrication II

## 2 semesters, 4.0 credits per year

- VOC3369-3370 Cosmetology I
- VOC3471-3472 Cosmetology II