

Ashtabula Lakeside High School Scheduling Handbook

2022-2023



***Ashtabula Lakeside High School
6600 Sanborn Road
Ashtabula, Ohio 44004***

Principal's Office
Guidance Office

(440) 993-2522
(440) 993-2528

LAKESIDE PRIDE—COMMUNITY WIDE

Welcome to Ashtabula Area City Schools

LAKESIDE PRIDE—COMMUNITY WIDE

We Have MOMENTUM!

Dear Parents, Guardians and Students:

Henry David Thoreau once said, “If you have built castles in the air, your work need not be lost; that is where they should be. Now put foundations under them.”

Preparing for the future is an exciting time but requires much planning and decision making. Building the “foundation” is critical in preparing to be a responsible and productive citizen.

It is the hope of the Ashtabula Area City Schools that the information outlined in this booklet will afford you the opportunity to consider your academic, extracurricular and career choices in planning a short-term and long-term schedule.

All students are encouraged to get involved in an extracurricular activity and/or club. The various offerings are listed on page 14.

The Ashtabula County Technical and Career Campus is open to students who have achieved junior year status. Information on the vocational curriculum is contained in this booklet and more information can be obtained by contacting the vocational school (440-576-6015).

Please take time to review all the information provided. If you have any questions, please contact the principal or guidance staff.

Mark Potts, Ed. D
Superintendent of Schools

Notification of Policies of Non-Discrimination

The Ashtabula Area City Schools District hereby gives notice that it does not discriminate on the basis of race, color, national origin, sex, or handicap in the educational programs and activities operated by the District. It is the policy of the school district that educational programs and activities are provided without regard to race, color, national origin, sex, or handicap.

No student shall be denied admission to the Ashtabula Area City School District or to a particular course or instructional program, or otherwise discriminated against for reasons of race, color, national origin, sex, or handicap, or any other basis of unlawful discrimination.

To carry out these policy statements, the person identified therein shall be responsible for compliance. Coordinator for the Title VI (non-discrimination on the basis of race, color, or national origin), Title IX (non-discrimination on the basis of sex), and Section 504 (non-discrimination on the basis of handicap) for the Ashtabula Area City School District is:

Dr. Kelly Washington
Director of School Improvement

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440-661-4344

Jennifer Polak
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Ashtabula Area City Schools

High School Scheduling Information

- 1) The minimum pupil load is six courses per day for all students. Certain exceptions may be made if a student is enrolled in an approved special program (*see page 15*).
- 2) All students are required to select the courses they wish to take during the next school year. To ensure proper staffing and preparation (number of textbooks, the number of rooms required, etc.), students may not make changes to their current course selections after the end of the current school year. *Requests for course changes made after the last day of school may not be able to be honored.*
- 3) Schedule changes will not occur at the beginning of the school year, except for computer or placement errors.
- 4) Each student is obligated to check his/her credits before scheduling courses. Students may need to repeat courses for which they have not successfully earned the necessary credits. Students may not register for classes for which they have already earned credits.
- 5) All students are eligible to select courses at or below their grade level, providing all prerequisites have been met.
- 6) It is strongly urged that students preparing for college select college preparatory (CP), college preparatory honors (CPH) courses, or advanced placement (AP) courses indicated on the Course Selection Sheet.
- 7) College preparatory and college preparatory honors students should plan to take the series of tests normally required by college admissions personnel as follows:

PSAT	Fall of Junior year
ACT and/or SAT	Fall of Junior year
Repeat ACT / SAT (<i>if desired</i>)	Fall of Senior year
- 8) The Armed Services Vocational Aptitude Battery (ASVAB) Test will be administered to all students during their Junior year.

e-Learning Options

Students have the opportunity to continue learning remotely during the 2021-2022 school year. Certain courses are available to be studied online as part of a regularly scheduled school day.

To be successful in remote learning, students must fulfill the following expectations.

- Students must log-in during regularly scheduled class time using a district-issued Chromebook.
- Students are required to have their cameras on during class time. Non-working cameras or microphones must be fixed in a timely manner.
- Students are responsible for reporting and correcting technical issues. Technical support for students will be available at the high school building.
- Students must be in an environment that is appropriate for learning and free from distractions.
- Students who have not demonstrated success in previous online courses will not be eligible for continued online learning.
- Students who are not able to maintain success using the e-Learning platform will be required to attend in-person classes.

E-learning courses are not offered in every discipline. Courses may be canceled due to low enrollment. Students are still expected to complete 6 credits of coursework. Students may take additional electives on Edmentum to fill their schedule. Students who choose e-learning are still eligible to enroll in CCP classes, as long as there is no conflict with regularly scheduled e-learning class times.

Students may not enroll in both in-person and e-learning courses. A student who selects e-Learning must commit to the program for an entire semester. At the end of the semester, a student may choose to return to in-person learning or remain remote.

LHS Grading Scale

<u>Standard Grading Scale</u>		
A	90 – 100	Excellent
B	80 – 89	Good
C	70 – 79	Satisfactory
D	60 – 69	Minimum
F	< 60	Failure
I		Incomplete

Students will receive credit for a course when they achieve a grade of D or better (60% or higher).

Grade level is determined by your year in high school. Students who do not meet the minimum credits of 15+ will not hold senior status..

Senior

15+ credits

GPA is calculated on a 4.0 scale. AP, dual-credit and CCP courses will be weighted on a 5.0 scale.

Valedictorian and Salutatorian – To be selected based on the following criteria:

- GPA
- Number of AP and CPH classes taken during high school career
- ACT and SAT scores

Athletic Eligibility – To remain eligible to practice/compete, a student must have successfully earned passing marks (2.0 GPA.) in 5 credits and/or the equivalent of during the preceding grading period.

LHS Graduation Requirements Class of 2023 and Beyond

For students entering ninth grade on or after July 1, 2019

STEP ONE: Earn Required Credits

Courses	Credits Required
English Language Arts	4 credits
Mathematics <ul style="list-style-type: none"> ● Must include one unit of Algebra II or equivalent 	4 credits
Science <ul style="list-style-type: none"> ● Must include one unit of Physical Science and one unit of Biology 	3 credits
Social Studies <ul style="list-style-type: none"> ● Must include ½ unit of American History, ½ unit of American Government, and ½ unit in World History and Civilizations. 	3 credits
Health	½ credit
Physical Education	½ credit
Electives <ul style="list-style-type: none"> ● Must include 1 unit of Fine Arts (<i>earned grades 7-12</i>) ● Must include course in Economics/Financial Literacy 	5 credits

Financial Literacy Requirement – LHS students may meet this requirement by completing any of the following:

- Business - Personal Finance
- Business - Foundations of Entrepreneurship
- Family & Consumer Sciences - Home Management

World Language - While not a requirement for graduation, many four-year colleges and universities require a minimum of two years of sequential world language study at the secondary level as a college admissions requirement. This is the case for many in-state and out-of-state colleges and universities.

STEP TWO: Earn “passing” scores on End-of-Course Exams

Students must achieve minimum passing scores on the following end-of-course exams:

Algebra I competency score of **684**

English II competency score of **684**

Students must also take EOC exams in Biology, American History and Government. Students who do not achieve passing scores must retake the tests at least once. **If a passing score is still not achieved**, students must select one of the options below to take the place of the two tests.

OPTION 1	OPTION 2	OPTION 3
<p style="text-align: center;">Complete TWO Career Focused Activities (A-TECH)</p> <p>Foundational <i>(choose one)</i></p> <ul style="list-style-type: none"> ● Earn 12-point Industry Credential ● Complete a pre-apprenticeship program <p>Supporting <i>(choose one)</i></p> <ul style="list-style-type: none"> ● Complete a 250-hour work-based learning experience. ● Earn a qualifying score on WorkKeys ● Earn the OhioMeansJobs Readiness Seal 	<p style="text-align: center;">Enlist in Military</p> <p>Show evidence that you have signed a contract to enter a branch of the US armed services</p>	<p style="text-align: center;">Earn College Credits</p> <p>Pass a College Credit Plus course in English and Math</p> <p>These courses are completed through KSUA, which requires an application and their acceptance into the program.</p>

STEP THREE: Earn Diploma Seals

- Students must earn *at least ONE* State seal.

State Seals	Criteria
Citizenship	3 points on both American History and Government State tests
College Ready	ACT scores of 18 English, 22 Math, 22 Reading
Honors Diploma	Honors requirements met <i>(see page 12)</i>
Military Enlistment	Paperwork from recruiter
OhioMeansJobs	Employment, with 3 professional skill evaluations
Science	3 points on Biology state test OR 2 points on an AP science exam

- Students must earn *at least ONE* Local seal.

Local Seals	Criteria
Community Service	Participation in Senior Leadership Class
Fine/Performing Art	Participation in Choir, Band, Drama or other Arts
Student Engagement	Clubs/Activities Involvement
Industry Recognized Credential	ATECH

High School Academic Diploma with HONORS Class of 2022 and Beyond

Students must fulfill all but one of the specified criteria

<u>Subject</u>	<u>Criteria</u>
English	4 units
Mathematics	4 units, including Algebra I, Geometry, Algebra II (or equivalent) and another higher-level course or a four-year sequence of courses that contain equivalent content
Science	4 units, including 2 units of Advanced Science
Social Studies	4 units
World Language	3 units of one language OR 2 units each in two different languages
Fine Arts	1 unit
Grade Point Average	3.5 on a 4.0 scale (<i>unweighted</i>)
ACT/SAT Score	27 ACT / 1280 SAT <i>*Writing sections should not be included in the calculation of this score.</i>

High School Career-Technical Diploma with HONORS Class of 2022 and Beyond

Students must fulfill all but one of the specified criteria

<u>Subject</u>	<u>Criteria</u>
English	4 units
Mathematics	4 units, including Algebra I, Geometry, Algebra II (or equivalent) and another higher-level course or a four-year sequence of courses that contain equivalent content
Science	4 units, including two units of Advanced Science
Social Studies	4 units
Foreign Language	2 units of one world language
Electives	4 Units of Career-Technical courses
Grade Point Average	3.5 on a 4.0 scale (<i>unweighted</i>)
ACT/SAT Score OR Work Keys Score	27 ACT / 1280 SAT * <i>Writing sections should not be included in the calculation of this score.</i> 6 or higher on Reading and 6 or higher on Applied Mathematics
Field Experience	Complete a Field Experience and document the experience in a portfolio specific to a student’s area of focus, with supervision and follow-up documentation.
Portfolio	Develop a comprehensive portfolio of work based on the student’s field experience or a topic related to the student’s area of focus that is reviewed by external experts.
Additional Assessments	Earn an industry-recognized credential or achieve proficiency benchmark for an appropriate Ohio Career-Technical Competency Assessment or equivalent.

Clubs and Activities

Clubs

Art Club
Backpack Club
Creative Writing Circle
Dragon's Den
Drug Free Club of America
Fellowship of Christian Athletes
Friends of Rachel
Interact/Rotary Club
Japanese Club
Key Club
Lakeside Theater Group
Model UN
National Honor Society
Philanthropy Group
Prism Club
Prom Committee
Quiz Bowl
Red Cross Club
RPG Club
Skills USA
String Ensemble
Student Council
Tri-M Music Honor Society
Yearbook

Men's Athletics

Baseball
Basketball
Bowling
Cross Country
Football
Golf
Soccer
Swimming
Tennis
Track & Field
Wrestling

Women's Athletics

Basketball
Bowling
Cheerleading
Cross Country
Golf
Soccer
Softball
Swimming
Tennis
Track & Field
Volleyball
Wrestling

Other Special Programs

Listed below are special programs that are designed to assist students in some other field or endeavor.
Contact the Guidance Office for more information.

- 1) Ashtabula County Technical and Career Campus (ATECH) – Students may choose a vocational program of study at the ATECH campus during their junior/senior year. Students must apply and be accepted during the spring of their sophomore/junior year. (See page 16 for more information.)
- 2) Alternative School – Placement of this program is by administrative approval only.
- 3) College Credit Plus - The College Credit Plus Program (CCP) at Kent State University is designed to provide qualified 7th -12th grade students the opportunity to enhance their high school education with a true college experience. Students may take as many as 30 credit hours per academic year. Students must meet GPA and entrance exam requirements. Students who plan to pursue CCP courses in the Fall semester of the next school year must apply and register in the spring of the current school year.
- 4) Great Lakes Online Academy (GLOA) – Students may enroll in asynchronous online courses to supplement their e-Learning choices.
- 5) Work Release Educational Option – Students may register for fewer than six credits if they elect the Work Release option. Students must have a valid work permit, proof of employment, good academic standing and provide their own transportation.
- 6) Work Study – Students may earn course credits for their work experience.
- 7) Credit Recovery - Scholars who fail content area courses will be put into these mastery courses to facilitate them remaining on track so as not to fall behind in graduation requirements. Placement of this program is by Guidance Department and administrative approval only.

Ashtabula County Technical and Career Campus

Students at Ashtabula Area City Schools can enroll in special vocational courses offered at the Technical and Career Campus. Bus service to and from the home school in the morning and afternoon is provided for those who have enrolled in any of the programs available.

Students are eligible to apply to attend ATECH during the spring of their sophomore year. To apply, a student must have successfully completed the following courses.

- 2 units in English,
- 2 units in social studies (American History and World History),
- 2 units in science,
- 2 units in mathematics
- 1 unit in health/physical education.

Any student enrolling in a program at the vocational school for his/her junior and senior years should make every effort to pass every subject required by the State in grades 9 and 10. If the student has failed one or more of the State requirements in these first two years, A-TECH reserves the right to refuse a students' application. Make up courses for students who failed a freshman or sophomore required course may be offered in the summer.

Students attending the Ashtabula County Technical and Career Campus who wish to attend college are asked to meet with the Vocational Guidance Counselors to discuss the program.

Pupils accepted at the Ashtabula County Technical and Career Campus who wish to withdraw must do so before August 15th. To meet special circumstances or unusual problems after school begins, a student may return to his/her home school after attending the first week of school, with permission from administration.

Students who elect to attend the Vocational School in their junior and/or senior years have certain obligations to meet. They should be aware that the following courses are all State requirements and must be passed before they may graduate from the home school.

- Four credits of English will include English IV at A-Tech.
- Health 9
- Physical Education 9 and 10
- Four math credits
- Three credits in Science
- Three credits in social studies will include American History / Government

Questions regarding these courses should be directed to the guidance counselors at either school. The courses listed below are offered to A-TECH students. Each program grants four credits with another credit added for English or American History/Government or Science totaling seven credits for each year. It should be noted that students attending the A-TECH in the senior year only must take American History and English in their junior year at the home school.

A-TECH Courses:

Auto Collision Repair
Automotive Technology
Building Maintenance Technology
Career Discovery Program
Carpentry
Computer Information Systems (CIS)
Computer Networking and Electronic Technologies
(CNET)
Cosmetology
Culinary Arts
Design Drafting

Early Childhood
Electricity
Graphic Communications
Health Care Academy
Horticulture & Landscaping
Masonry
Power Equipment Technology
Precision Machining
Public Safety Academy
Small Animal Care
Welding

Art

Art

Credits: 1 credit

Grade Level: 9, 10, 11, 12

Course Description: Art is a course in basic drawing using the Elements of Art and Principles of Design. Students will work with these concepts in a variety of ways including printmaking, sculpture, calligraphy, illustration, and painting. Students will learn to identify the use of design in their environment and in the work of other artists.

Advanced Art

Credits: 1 credit

Grade Level: 10, 11, 12

Prerequisite: Art and Teacher Recommendation

Course Description: Students continue to develop drawing and painting skills in a variety of media including charcoal, pen, pastels, and acrylics. Projects rely more on the students' imagination and require a growing level of skill. Study of the work of other artists and art careers is included. This course provides an opportunity for talented students to further develop skills and use advanced media. Projects are centered on in-depth study of techniques and styles.

Ceramics

Credits: 1 credit

Grade Level: 10, 11, 12

Course Description: Students will become familiar with basic techniques and processes associated with creating ceramics. Students will become comfortable using their hands and simple tools to manipulate clay. Famous potters, ceramic sculptors, movements, and cultures will be used as the basis for many of the studio projects explored in class. Quality design is crucial in ceramics; therefore, sketchbook assignments will supplement the work done in class and will provide an opportunity to develop the personal creative process. Students will become familiar with terms and definitions associated with ceramics. Basic hand-building techniques (coil, slab, and pinch) will be explored individually and in combination to construct finished pieces. Both functional and sculptural pieces will be formed using both additive and subtractive techniques.

Business Education

Industrial (4.0) Control Systems Credits: ½ credit

Grade Level: 10

Prerequisite: Mechatronics

Course Description: **Course 2: Introduction to Industrial Control Systems**

Description: Learners are introduced to basic concepts of industrial computer-controlled systems. The learner explores various types of programming using robots and PLCs and participates in lab experiments designed to introduce programming principles, electronic inputs and outputs (analog and digital), communication between system components including Ethernet protocols. Upon completion of the course, learners will be able to explain how the control processes are utilized to automate manufacturing facilities.

The Introduction to Industrial Control Systems course provides intensive training on defending and attacking industrial control systems. The course will discuss common vulnerabilities, attack paths, defending industrial control systems, Dand architecture of industrial control environments. The course will provide hands-on training in a lab setting while attacking and securing a virtual factory.

Computer Technology

Credits: ½ credit

Grade Level: 10, 11, 12

Course Description: This course will cover the basics of computer technology in today's world. Students will focus on the following components of computer proficiency: word processing, spreadsheets, presentation graphics and the internet. Microsoft Office and Google resources will be used to demonstrate these components. Students will apply their knowledge to everyday use of computers in the business world and their own lives, including projects in other classes, when appropriate.

Microsoft Office

Credits: 1 credit

Grade Level: 11, 12

Course Description: This is a new course for advanced students wishing to pursue IT Microsoft Office Certification. A strong background in Computer Technology and Mathematics required.

Business and Entrepreneurship: Mindset for Success

Credits: ½ credit

Grade Level: 9, 10, 11, 12

Course Description: The Business and Entrepreneurship course is designed to help students develop an entrepreneurial mindset while providing them with content knowledge and opportunities to experience entrepreneurship first hand. The challenges of the modern, global economy demand that workers have the ability to think critically in order to solve problems, collaborate effectively, and have a strong determination to succeed. Students will engage in assignments and activities involving problem-solving, product development, marketing, budgeting, communication and networking. Beyond business creation, our curriculum will provide students with a blueprint for problem-solving and help them develop habits that will lead them to success in any endeavor to which they apply themselves.

Personal Finance

**** e-Learning option available ****

Credits: ½ credit

Grade Level: 9, 10, 11, 12

Course Description: The Foundations in Personal Finance Course utilizes curriculum from the renowned financial planner, Dave Ramsey, to provide students with the knowledge and skills they need for a lifetime of financial success. The course covers topics such as budgeting, saving, credit and debt, consumer awareness, career readiness, college planning, financial services, insurance, taxes, housing and real estate, investing, retirement, and global economics. Students will create cash flow statements and budgets that they can begin using today. This course satisfies the Financial Literacy graduation requirement.

Entrepreneurship and Personal Finance

Credits: 1 credit

Grade Level: 9, 10,11, 12

Course Description: The Entrepreneurship and Personal Finance course blends the content and curriculum of the Business and Entrepreneurship course with that of the Personal Finance course into a year long course. This combination allows for greater time and opportunity to develop business ideas into reality and adds additional relevance as to how personal financial habits translate to good business habits and vice versa. The course covers topics such as budgeting, saving, credit and debt, consumer awareness, career readiness, college planning, financial services, insurance, taxes, housing and real estate, investing, retirement, and global economics. Students will engage in assignments and activities involving problem-solving, product development, marketing, budgeting, communication and networking. Beyond business creation, this course will provide students with a blueprint for problem-solving and help them develop habits that will lead them to success in any endeavor to which they apply themselves. This course satisfies the Financial Literacy graduation requirement.

LaunchPad

Credits: ½ credit

Grade Level: 10,11, 12

Course Description: Students will bring a business, non-profit, or other meaningful project to life. This course will require students to develop and demonstrate the skills of an independent, life-long learner with advanced problem-solving skills. Students will identify the materials and resources they need to create their own curriculum and successfully launch their endeavor. Students will be responsible for recording their experiences through journals and reflections and developing a presentation as evidence of their work. Students must have an approved concept and goal to register for the course.

Prerequisite:

**Business and Entrepreneurship or
Entrepreneurship and Personal Finance**

English

Breakdown of ELA Tracked Classes

English

- Designed for the student who plans to enter the workforce immediately after graduation. This student may attend college or technical school in the future, but not following graduation.
- Students are taught the basic fundamentals of the English language with a focus on interviewing, resume building, and mock interviews.

CP English

- Designed for any student who plans to attend college.
- The students are taught communication skills, writing skills, reading comprehension skills, vocabulary skills, and critical thinking skills.

CPH English

- Designed for the student who plans to attend college or pursue a Masters/Doctoral degree or a student who wants to take college courses (AP/CCP) at the high school level to get ahead.
- These courses are accelerated by a year. For example, English I CPH is taught at the 10th grade level.

AP English

- Designed for the student who is planning to major in English or the humanities or enjoys literature and writing.
- These courses are taught at the collegiate level, require extensive critical thinking and analysis skills, and extensive writing skills.

YEAR LONG ELA COURSES

English I

****e-learning available****

Credits: 1 credit

Grade Level: 9

Course Description: Designed for the student who plans to enter the workforce upon graduation, this course will guide students through a sample of world literature, exposing them to diverse cultures. Students will hone their vocabulary, basic grammar skills, and writing skills to construct effective paragraphs. Students should expect group and individual projects and presentations.

English I CP ****e-learning available****

Credits: 1 credit

Grade Level: 9

Course Description: This course is designed for the student who plans to pursue a 4-year college degree. It is an in-depth study of world literature that challenges students to think critically. They will hone their vocabulary, grammar, and writing skills by composing persuasive arguments and literary analyses.

English I CPH

Credits: 1 credit

Grade Level: 9

Course Description: This course is designed for the student who plans to pursue a 4-year college degree and beyond, loves to read and write, or plans to get ahead by taking AP /CCP courses in high school. Students will explore world literature through poetry, essays, short stories, plays, and novels. Students will hone their vocabulary, grammar, and writing skills by composing persuasive arguments and literary analyses.

English I ESL

Credits: 1 credit

Grade Level: 9

Placement: Determined by OELPA Testing-Teacher assigned

Course Description: These services are offered to anyone whose primary language at home is not English, and who is working to master English as a second language. Students work through the four domains of American English, including reading, writing, speaking, and listening. This class is offered at the high school level and serves as the student's English Language Arts class.

English II

Credits: 1 credit ****e-learning option available****

Grade Level: 10

Course Description: Designed for the student who plans to enter the workforce upon graduation, this course will guide students through a sample of world literature, exposing them to diverse cultures. Students will hone their vocabulary, basic grammar skills, and writing skills learning to build an effective essay. Students should expect group and individual projects and presentations. Students will take the Ohio ELA II end-of-course exam.

English II CP ****e-learning option available****

Credits: 1 credit

Grade Level: 10

Course Description: This course is designed for the student who plans to pursue a 4-year college degree. It is an in-depth study of world literature that challenges students to think critically. They will hone their vocabulary, grammar, and writing skills by composing persuasive arguments and literary analyses.

English II CPH

Credits: 1 credit

Grade Level: 10

Course Description: This course is designed for the student who plans to pursue a 4-year degree or beyond, loves to read and write, or plans to get ahead by taking AP /CCP courses in high school. Students will explore world literature through poetry, essays, short stories, plays, and novels. Students will hone their vocabulary, grammar, and writing skills by composing persuasive arguments and literary analyses.

English II ESL

Credits: 1 credit

Grade Level: 10

Placement: Determined by OELPA Testing-Teacher assigned

Course Description:

These services are offered to anyone whose primary language at home is not English, and who is working to master English as a second language. Students work through the four domains of American English, including reading, writing, speaking, and listening. This class is offered at the high school level and serves as the student's English Language Arts class.

English III

****e-learning option available****

Credits: 1 credit

Grade Level: 11

Placement: Student without a "C" average in previous English course

Course Description: Designed for the student who plans to enter the workforce upon graduation. This course will guide students through a sample of world literature, exposing them to diverse cultures. Students will hone their vocabulary, basic grammar skills, and writing skills to construct effective paragraphs. Students should expect group and individual projects and presentations.

English III ESL

Credits: 1 credit

Grade Level: 11

Placement: Determined by OELPA Testing-Teacher assigned

Course Description:

These services are offered to anyone whose primary language at home is not English, and who is working to master English as a second language. Students work through the four domains of American English, including reading, writing, speaking, and listening. This class is offered at the high school level and serves as the student's English Language Arts class.

English IV

****e-learning option available****

Credits: 1 credit

Grade Level: 12

Course Description: Designed for the student who plans to enter the workforce upon graduation, this course will guide students through a sample of world literature, exposing them to diverse cultures. Students will hone their vocabulary, basic grammar skills, and writing skills to construct effective paragraphs.

English IV ESL

Credits: 1 credit

Grade Level: 12

Placement: Determined by OELPA Testing-Teacher assigned

Course Description:

These services are offered to anyone whose primary language at home is not English, and who is working to master English as a second language. Students work through the four domains of American English, including reading, writing, speaking, and listening. This class is offered at the high school level and serves as the student's English Language Arts class.

GENERAL ELECTIVES

May be taken by any student who has earned two English credits.

American literature

Credit: ½ credit

Grade Level: 11.12

Course Description: American literature begins with the speeches, poetry, and essays written as the United States became an independent nation. It then explores specific literary movements like transcendentalism, Gothic literature, Romanticism, and Modernism through reading essays, poetry, short stories, and novels. All authors in this course are American writers.

British Literature

Credits: ½

Grade Level: 11, 12

Course Description: British literature begins with the Middle Ages as it explores early writings of Old English like Beowulf and The Canterbury Tales, and gradually slides into Shakespearean dramas. IT delves into the poetry, essays, and other works of English authors throughout the ages. Students will read poetry, essays, short stories, dramas, and plays. All authors in this course are British writers. The authors studied will vary as time permits.

Career English

Credits: ½

Grade Level: 11, 12

Course Description: Students will learn ELA skills that will help them to transition smoothly into the business/working world. Topics will include vocabulary, reading comprehension, business writing, business skills, decoding questions asked by employers, and basic contract agreements.

Creative Writing

-Credits: ½

Grade Level: 11, 12

Course Description: This course will allow students to unleash their imaginations while developing and expanding their writing skills. Centered around the writing process, students will learn how to effectively brainstorm, prewrite, edit, revise, write, and publish poetry, flash fiction, and short stories. Additionally, students will analyze narrative and literary elements of poetry, flash fiction, and short stories and how they can apply them to their own writing.

Cultural Diversity

Credits: ½

Grade Level: 11, 12

Course Description: Students will study diverse literature including fiction and nonfiction as well as high interest topics. Literature will include poetry, essays, memoirs, short stories, and novels.

Expository Speech

Credits: ½

Grade Level: 11, 12

Course Description: In this course, students will expand their knowledge of speaking to learn how to logically and effectively deliver expository speeches that investigate an idea, evaluate evidence, or expand on an idea.

Horror Classics

Credits: ½

Grade Level: 11, 12

Course Description: Writers of horror, unlike the movies that have flooded the theaters, must use subtlety and suspense without immediate gratification of horror such as that on the screen. As movies are moving toward that immediate gratification through the use of gore and blood, writers of horror are returning to their roots dealing specifically with the human psyche and thought of what fear really is. This course will examine different styles of horror and address the differences in classics, more modern horror, and in the movies. The class will be writing intensive. Author study will include but is not limited to H.P. Lovecraft, Mary Shelley, Edgar Allan Poe, and Stephen King.

Mythology and Folklore

Credits: ½

Grade Level: 11, 12

Course Description: This course is an introduction to the myths and legends from around the world. After an overview of mythology and folklore, students will travel with ancient heroes as they embark on journeys around the world to slay their enemies, fight in battles, or fight evil forces. Focusing on the similarities and differences between mythology and folklore, students will analyze how this literature has helped to shape society and still remains important today.

Poetry

Credits: ½ credit

Grade Level: 11, 12

Course Description: Designed for the student who loves poetry, this course will provide a study of world poets. The course will examine poetry from as far back as the Middle Ages into the 21st century.

Sci-Fic, Sci-Fantasy, and Sci-Fact

Credits: ½ credit

Grade Level: 11, 12

Course Description: This course analyzes what started as science fiction, as well as science fantasy, and evaluates what has become science fact and looks to the future, as well. Authors in this course of study would include but are not limited to Bradbury, Huxley, Wells, Clark, Adams, Crichton, Vonnegut, LeGuin, and Alton as time permits.

World Literature Post 1800

Credits: ½

Grade Level: 11, 12

Course Description: This course will guide students through literature from each of the seven continents. Works will primarily focus on historical and current social and political issues in differing areas of the world and the literary response to these events.

ADVANCED ELECTIVES

AP English III

Credits: 1 credit

Grade Level: 11

Placement: Recommendation from previous English teacher

Course Description: This course strictly adheres to the AP Board Curriculum for Language and Composition, so every student in this course will take the AP Exam at the end of the year. The focus of this course is rhetorical analysis writing, argumentative writing, and synthesis writing. Students will read mostly nonfiction works from the 18th, 19th, 20th, and 21st centuries, focusing on the rhetorical modes and elements in them. Some American fiction centered upon the American dream will be read.

AP English IV

Credits: 1 credit

Grade Level: 12

Placement: Recommendation from previous English teacher

Course Description: This course centers on the AP Board curriculum for Literature and Composition, so every student who takes this course will take the AP Exam at the end of the year. The focus for this course is poetry, short stories, dramas, and novels from the 19th, 20, and 21st centuries. Students will compose literary analysis arguments throughout the course.

Family & Consumer Sciences

Child Development

**** e-Learning option available ****

Credits: ½ credit

Grade Level: 9, 10, 11, 12

Course Description: In this course, students will study the principles of child growth, development, and behavior. An emphasis will be placed on the cognitive development of a child and sensory and motor skills. Additional topics will include childhood diseases, immunizations, theories of development, learning styles and evaluating childcare services.

Healthy and Safe Foods

**** e-Learning option available ****

Credits: ½ credit

Grade Level: 9, 10, 11, 12

Course Description: In this course, students will gain knowledge in food selection criteria and apply preparation methods to promote a healthy lifestyle. Students will apply cooking methods, ingredient selection and nutritional information in the context of selected food dishes. Throughout the course, basic food safety and sanitation techniques will be emphasized.

Home Management

**** e-Learning option available ****

Credits: ½ credit

Grade Level: 9, 10, 11, 12

Course Description: This course provides students with an understanding of the concepts and principles involved in managing one's personal finances. Students will learn the basics of keeping within a budget. Other topics may include savings and investing, maintaining good credit, buying a car, insurance, taxes and social security, spending patterns, contracts, and consumer protection. Cooking and baking basic foods within a food allowance. This course satisfies the Financial Literacy graduation requirement.

Independent Living

**** e-Learning option available ****

Credits: ½ credit

Grade Level: 9, 10, 11, 12

Course Description: Topics will include career readiness, financial management, relationship techniques, human growth and development and parenting styles and responsibilities.

Health & Physical Education

Health

**** e-Learning option available ****

Credits: ½ credit

Grade Level: 9

Course Description: Health is a one semester course worth ½ credit. It is taught during the freshman year and is a State requirement for graduation. The following areas will be covered: mental well-being and positive adjustment, growth and development, nutrition, personal fitness, and substance abuse.

Competitive Games I

Credits: ¼ credit (1 semester)

Grade Level: 9

Course Description: This course is designed to allow for active competitive participation in a variety of team, partner, and individual sports. The use of a focused tactical approach will allow students time to develop game skills, concepts, tactics, and strategies that can transfer across different categories of games. While using the sport education model, students will become more aware of every aspect of sport while developing a positive cooperative atmosphere.

Competitive Games II

Credits: ¼ credit (1 semester)

Grade Level: 10, 11, 12

Course Description: This course is designed to allow for active competitive participation in a variety of team, partner, and individual sports. The use of a focused tactical approach will allow students time to develop game skills, concepts, tactics, and strategies that can transfer across different categories of games. While using the sport education model, students will become more aware of every aspect of sport while developing a positive cooperative atmosphere.

Lifetime Sports and Physical Activities I

Credits: ¼ credit (1 semester)

Grade Level: 9

Course Description: This course is designed to introduce students to a variety of competitive and noncompetitive activities that can be continued throughout the student's life. It will develop the basic motor skills, coordination, strength, endurance, balance, flexibility, and the basic skills needed in various individual team and lifetime activities. Students will develop social skills to work cooperatively while aiding in providing a positive learning atmosphere for everyone within a physical setting.

Lifetime Sports and Physical Activities II

Credits: ¼ credit (1 semester)

Grade Level: 10, 11, 12

Course Description: This course is designed to introduce students to a variety of competitive and noncompetitive activities that can be continued throughout the student's life. It will develop the basic motor skills, coordination, strength, endurance, balance, flexibility, and the basic skills needed in various individual team and lifetime activities. Students will develop social skills to work cooperatively while aiding in providing a positive learning atmosphere for everyone within a physical setting.

Personalized Strength Training (Athletes)

Credits: 1 credit

Grade Level: 10, 11, 12

Prerequisite: Must have completed (2) one-quarter credit PE classes

Course Description: The program will focus on developing: Base and Joint strength through the following core exercises: back squat, front squat, chain squats, box squats, single leg squats, bench press, incline press, deadlift. Foot speed will be enhanced through dot drills, line hops, jump rope and speed ladder. Pre-hab drills such as 4 way manual resistance neck and ankle drills, dumbbell and band resistive and rotator cuff exercises. Nutrition information on how to eat and drink to ensure peak performance, hydration strategies, the dangers of sleep deprivation to athletic performance, and how drugs and alcohol destroy your ability to perform. Other topics covered; Sports Psychology: how to handle adversity in sport, how to handle conflict with opponents and fellow athletes, leadership skills and strategies to lead your given team to success.

Physical Education

*****e-Learning ONLY for 2021-2022 school year*****

Credits: ¼ credit (1 semester)

Grade Level: 9, 10

Course Description: This online course has three units including Getting Active, Improving Performance, and Lifestyle. Activities elevate students' self-awareness of their health and well-being while examining topics such as diet and mental health and exploring websites and other resources.

Power Walking I

Credits: ¼ credit (1 semester)

Grade Level: 9

Course Description: This course is designed to provide students with the knowledge and structure for a personal lifelong fitness walking program. Students will determine their current level of fitness and set individualized goals to work on during the semester. Students will learn proper walking form, pacing techniques and incorporating other components of fitness into their walking plan.

Power Walking II

Credits: ¼ credit (1 semester)

Grade Level: 10, 11, 12

Course Description: This course is designed to provide students with the knowledge and structure for a personal lifelong fitness walking program. Students will determine their current level of fitness and set individualized goals to work on during the semester. Students will learn proper walking form, pacing techniques and incorporating other components of fitness into their walking plan.

Mathematics

Regular Sequence

Intro to Algebra I **** e-Learning option available ****

Credits: 1 credit

Grade Level: 9

Course Description: Students will be introduced to the first half of Algebra I with a focus on remediation of Pre-Algebra and basic Algebra concepts. This course will prepare students to take the remainder of Algebra I the following year.

Intermediate Algebra **** e-Learning option available ****

Credits: 1 credit

Grade Level: 10

Prerequisite: Algebra I or Algebra I CP with a 2 or below on state test

Course Description: Students will receive remediation in Algebra I concepts to ensure their success in high school mathematics with a focus on exam preparation. Students will take the Ohio Algebra I end-of-course exam.

Algebra II **** e-Learning option available ****

Credits: 1 credit

Grade Level: 11

Prerequisite: Intro to Algebra, Intermediate Algebra

Course Description: The student will continue their study of Algebra as topics from Algebra I are reviewed and expanded. Emphasis will be placed on problem solving, solutions of equations, and graphing. Also included are inequalities, higher degree equations, systems of equations, radicals along with other topics.

Geometry **** e-Learning option available ****

Credits: 1 credit

Grade Level: 12

Prerequisite: Algebra II

Course Description: The student will study properties of geometric figures and their application to mathematical situations. The student will examine postulates, theorems, and definitions of geometric figures.

CP/CPH Sequence

Algebra I CP

**** e-Learning option available ****

Credits: 1 credit
Grade Level: 9
Prerequisite: Advanced Pre-Algebra, or B average in 8th Grade Algebra I (score < 3 on Algebra 1 EOC); or A average in Pre-Algebra.

Course Description: The student will be introduced to a comprehensive coverage beginning with real numbers and algebraic expressions followed by chapters on solving linear equations in one variable, inequality in one variable, factoring polynomials, rational expressions, linear equations in two variables; radicals; quadratic equations. Students will take the Ohio Algebra I end-of-course exam.

Geometry CP/CPH

**** e-Learning option available ****

Credits: 1 credit
CP Grade Level: 10
CPH Grade Level: 9
Prerequisite: Score of 3 or better on Algebra I state test
Course Description: The student will study properties of geometric figures and their application to mathematical situations. The student will examine postulates, theorems, and definitions of geometric figures.

Algebra II CP/CPH

**** e-Learning option available ****

Credits: 1 credit
CP Grade Level: 11
CPH Grade Level: 10
Prerequisite: B average or better in Algebra I CP and Geometry CP/CPH
Course Description: This course is intended to expand on previous courses of study in algebra. It will bring about a deeper understanding of those mathematical relationships. Emphasis will be placed on problem-solving, numerical and graphical representations, modeling from data and clear reasoning for a greater understanding of mathematical structure. Topics include solutions to equations, systems including inequalities, higher degree equations, radicals, trig identities and more.

Trigonometry/PreCalculus CP/CPH

Credits: 1 credit
CP Grade Level: 12
CPH Grade Level: 11
Prerequisite: B average or better in Algebra II CP/CPH
Course Description: This course is a comprehensive study of triangles and their six trigonometric functions. All types of triangles will be solved with various types of properties and laws. This course will contain work with graphs, trigonometric identities and equations, inverse functions, and complex numbers. Some exposure will be given to sequences and series and possibly polar coordinates with complex form. A scientific calculator is required.

Calculus AP/CPH

Credits: 1 credit

Grade Level: 12

Prerequisite: 87% or above in PreCalculus CP/CPH for AP

Course Description: This course focuses on differential and integral calculus. Students will study limits, derivatives, and integrals using both analytic and graphical means. The course is designed to prepare students for the rigors of AP Calculus AB exam through higher-level mathematical analysis.

4th Credit Option

Financial Algebra

***** e-Learning option available*****

Credits: 1 credit

Grade Level: 11, 12

Prerequisite: Algebra I, Geometry,

Course Description: The course combines Algebra I, Algebra II, and some low-level Trig/Pre-Calc with financial applications that provide immediate real-world uses for the math. Students who pass Algebra II CP/CPH but do not have strong enough skills or the desire to succeed in Trig/Pre-Calc CP/CPH need a 4th course to take their senior year.

Multimedia Technology

Multimedia I – ATECH Vocational Program at Lakeside High School

Credits: 2 credits

Grade Level: 11, 12

Prerequisite: Teacher Recommendation

Course Description: This Course is ATECH’s Interactive Media Program housed at Lakeside High School. This program is open to any Lakeside Junior or Senior who is in good standing. In A-Tech Multimedia I, students will learn the basics of Photo Composition and Camera Operation, Graphic Design, Lighting and Sound, Video Production and Editing. The Course takes place in A-Tech’s State of the Art Media Lab housed at Lakeside High School. Students will learn programs such as Adobe Photoshop, Audition and Premiere Pro. The course will take up 2 class periods per day and is worth 2 Lakeside Credits. Space in this program is limited, and subject to Instructor approval. Following the completion of the course, students will have earned an A-Tech Certification and will have the opportunity to earn Industry Seals for their Diploma.

Multimedia II – ATECH Vocational Program at Lakeside High School

Credits: 3 credits

Grade Level: 12

Prerequisite: Multimedia I with Teacher Recommendation

Course Description: This Course is A-Tech’s Interactive Media Program housed in A-Tech’s State of the Art Media Lab at Lakeside High School. This program is open to any Lakeside Senior in good standing who has completed A-Tech Multimedia I. In Multimedia II, students put into practice the concepts learned in Multimedia I. Students will work in a simulated “Real World” environment completing projects for themselves, the school, and the community. Students will learn Advanced Video Effects using Adobe After Effects, Drone Photography, and Web Design. Students will focus on Career Development, building industry Credentials with the goal of possible employment in the Multimedia Industry after Graduation. The course will take up 3 class periods per day and is worth 3 Lakeside Credits. Space in this program is limited, and subject to Instructor approval. Following the completion of the course, students will have earned an A-Tech Certification and will have the opportunity to earn Industry Seals for their Diploma.

Music

American Popular Music

Credits: 1 credit

Grade Level: 11, 12

Prerequisite: Participation in a Music Class and/ or Teacher Approval

Course Description: The purpose of this course is to learn about the socio-cultural parameters, aesthetic perimeters, and economic principles of popular music in America from the beginning of the 20th century through today. This class looks at many different styles of music in America that developed throughout the past 100 years. This will include the development of Tin Pan Alley, Ragtime, Big Band, Rhythm and Blues, Rock and Roll, Motown, New Age, Heavy Metal, Reggae, Hip-hop, and Rap. Classroom experiences include lecture with discussion, listening to musical examples, journaling, video examples, and regular assessment.

Band

Credits: 1 credit

Grade Level: 9, 10, 11, 12

Course Description: Students enrolling in Band will participate in Marching Band (beginning in the summer with mandatory rehearsals, Band Camp, performances, football games, and other events) and then Concert Band. The emphasis of the Marching Band is to prepare for area performances and football games. Starting with the end of Marching Season, students will be separated into two (2) ensembles depending on playing ability. Upper-level students will be in Wind Ensemble while others will comprise the Concert Band. The emphasis of these ensembles is the preparation of literature appropriate to their ability levels, while refining skills in instrument playing, rhythms, notes, performance etiquette, and overall performance as an ensemble. These concert ensembles will have mandatory performances, which include concerts, community events, and other required events.

Choir

Credits: 1 credit

Grade Level: 9, 10, 11, 12

Course Description: The concert choir is a serious, mixed ensemble performing group that sings three major concerts each year, consisting of music from the standard choral repertoire. The course will build on previous music classes by focusing on vocal production, vowel uniformity, diction, music reading, and solfege.

Jazz Ensemble

Credits: 1 credit

Grade Level: 9, 10, 11, 12

Prerequisite: Audition Required

Course Description: The Jazz Ensemble places an emphasis on the art of playing big band style jazz and other similar genres of popular music. The course covers topics including jazz phrasing, articulation, harmony, improvisation, theory, and the history of jazz music. Membership is limited based on the standard big band instrumentation (2 alto saxes, 2 tenor saxes, 1 baritone sax, 4-5 trumpets, 4-5 trombones, guitar, bass, piano, and drum set) and is by audition only.

Orchestra

Credits: 1 credit

Grade Level: 9, 10, 11, 12

Course Description: In Chamber Orchestra, advanced string players perform orchestral literature written for strings (violin, viola, cello, and bass). The orchestra explores and studies standard orchestral literature from various periods and styles, including Baroque, Classical, Romantic, and twentieth century music. After-school concerts play a major role in students' nine weeks period.

Piano

Credits: 1 credit

Grade Level: 9, 10, 11, 12

Course Description: Piano class provides students with the opportunity to learn how to read music while playing the piano. The skills that students will develop includes working with their hands, learning a new language (music), sight reading, and performing individually which will be emphasized through level-appropriate music. Students will have the chance to play piano music at a beginning or advanced level (this will depend on how well students score on their music reading test). One-on-one with the teacher is a must for this class so students will have a chance to show off their piano playing skills for the teacher.

Show Choir

Credits: 1 credit

Grade Level: 9, 10, 11, 12

Prerequisite: Audition Required

Course Description: Students will be performing songs and dance to both popular style and traditional Show Choir music. Musical events outside the school day will be an expectation of the class.

Stage Band

Credits: 1 credit

Grade Level: 9, 10, 11, 12

Prerequisite: Director recommendation

Course Description: The Stage Band is similar to the Jazz Ensemble with the exceptions of there being no audition to enroll and any instrument can participate. The Stage Band places an emphasis on the art of playing big band style jazz and the other similar genres of popular music. The course covers topics including jazz phrasing, articulation, harmony, improvisation, theory, and the history of jazz music. Membership is by Director approval.

Women's Ensemble

Credits: 1 credit

Grade Level: 9, 10, 11, 12

Course Description: The women's ensemble consists of female choir members. This group will sing in scheduled concerts throughout the year. The music consists of a choral standard repertoire. Basic music reading and proper vocal production will be taught.

Science

REQUIRED COURSES

Physical Science

**** e-Learning option available ****

Credits: 1 credit

Grade Level: 9

Course Description: This is a survey course using laboratory activities and demonstrations involving the basic concepts of physics, chemistry, and related principles in Earth and space sciences. Concepts include properties of matter, atomic and molecular structure, and interactions of matter, as well as forces and motion. Earth and space science topics include star formation, galaxies, Earth's interaction with the solar system, and gravitational forces.

Physical Science CP/CPH

Credits: 1 credit

CP Grade Level: 9

CPH Grade Level: 8

Prerequisite: Successful completion/concurrent enrollment in Algebra I; teacher recommendation

Course Description: This is an intense, comprehensive study of the physical sciences, with emphasis on the advanced application and science skills needed to understand the physical worlds we live in. Students will utilize technology, laboratory activities, problem-solving and critical-thinking skills to enhance understanding and application of scientific reasoning. This course is one semester of chemistry and one semester of physics, including selected topics in space sciences. Students should be prepared for advanced mathematical applications and written assignments. This is a course for students intending to pursue four years of science in high school.

Biology

**** e-Learning option available ****

Credits: 1 credit

Grade Level: 10

Prerequisite: Successful completion of Physical Science or Physical Science CP/CPH

Course Description: This course offers the student the opportunity to understand the living world around them. The focus of the course will be to allow the student to explore basic biological principles. Topics include cells and cellular processes, heredity, evolution, and the interdependence of life. Students will take the Ohio Biology end-of-course exam.

Biology CP/CPH

Credits: 1 credit

CP Grade Level: 10

CPH Grade Level: 9

Prerequisite: A/B average in Physical Science CP/CPH or A average in Physical Science

Course Description: This is an intense, comprehensive study of the life sciences. Particular emphasis is given to cellular biology, biochemistry, genetics, biotechnology, evolution, and ecology as outlined in the Ohio Revised Standards and Model Curriculum. Other topics, such as history of science, study of life forms, and human biology may be studied as time allows. Laboratory investigations are provided over all the above areas for in-depth analysis and interpretations. Both critical thinking skills and advanced study skills are fostered.

Students should be prepared for rigorous daily reading and written assignments. This is a course for students intending to pursue four years of science in high school. Students will take the Ohio Biology end-of-course exam.

GENERAL ELECTIVES

May be taken by any student who has earned two science credits.

Forensics: Environmental Evidence **** e-Learning option available****

Credits: ½ credit

Grade Level: 10, 11, 12

Course Description: Forensic science is the application of several areas of science to criminal and civil law. In criminal cases, forensic science is used to examine physical evidence that can be used to establish connections between suspects, events, and circumstances. The application of the scientific method is central to this course-- observation, collection and classification of data, examining relationships, forming and testing hypotheses and making conclusions based on evidence. This section will involve the study of evidence found at a crime scene such as tread, ballistics, and other environmental evidence.

Forensics: Human Body Evidence **** e-Learning option available****

Credits: ½ credit

Grade Level: 10, 11, 12

Course Description: Forensic science is the application of several areas of science to criminal and civil law. In criminal cases, forensic science is used to examine physical evidence that can be used to establish connections between suspects, events, and circumstances. The application of the scientific method is central to this course-- observation, collection and classification of data, examining relationships, forming and testing hypotheses and making conclusions based on evidence. This section will involve the analysis of human body evidence, such as fingerprints, hair, and other biological evidence.

Human Biology

Credits: 1 credit

Grade Level: 10, 11, 12

Course Description: Human Biology is the study of the structure and function of the human body. This course includes detailed discussion of all body systems and how they contribute to the overall health of the human body. Nutrition and disease are included as topics of discussion.

Selected Topics in Environmental Science

Credits: ½ credit

Grade Level: 10, 11, 12

Course Description: This course is designed to introduce students to major ecological concepts and the environmental problems that affect the world in which we live. This course helps students to become aware of the interactions of people and their environment, by focusing on real-life issues, including preservation and sustainability. Local environmental issues will also be explored.

Selected Topics in Geology

Credits: ½ credit

Grade Level: 10, 11, 12

Course Description: This course acquaints students with basic scientific principles that apply to the Earth and our natural environment. New discoveries and environmental issues will be studied and discussed. Explore the current and historical geologic processes that shaped our Earth with an emphasis on North America. Students will investigate rock and mineral formations, volcanism, and glaciation. Laboratory work includes exercises with maps, rock structures, minerals, fossils, and energy resources.

Weather **** e-Learning option available****

Credits: 1 credit

Grade Level: 10, 11, 12

Course Description: The study of the atmosphere (meteorology) has long been of great interest to humans on the Earth. The Earth provides us with naturally occurring events in a state of constant change, many as challenges in the form of natural disasters created by weather. Dealing with weather and climate is an inevitable part of life because it often influences the decisions we make in our daily lives. This course is designed to provide students with a basic understanding of the processes that create weather and move systems both small and large across the surface of the Earth. Investigations include the processes that form tornado alley, lake effect snow, hurricanes, and large-scale drought. With this knowledge of the workings of the atmosphere, students can better understand the criteria used to formulate the daily and long-range forecasts. Students will be utilizing this information to make their own weather predictions.

ADVANCED ELECTIVES

Anatomy & Physiology

Credits: 1 credit

Grade Level: 10, 11, 12

Prerequisite: A average in Biology w/teacher recommendation or A/B average in Biology CP/CPH
Successful completion/concurrent enrollment in Chemistry

Course Description: This course investigates the relatedness between the structure and function of the human body. Biological systems and the medical aspects of each system are studied in great detail using up to date information. This is a rigorous, college-like course intended for students interested in pursuing a career in advanced biological studies.

AP Biology

Credits: 1 credit

Grade Level: 10, 11, 12

Prerequisite: A average in Biology with teacher recommendation or A/B average in Biology CP/CPH
Successful completion/concurrent enrollment in Chemistry

Course Description: This course will follow the College Board guidelines of content. It includes more emphasis on individual preparation for class work and more intensive weekly laboratory experiences. The course will have all the components of a normal biology course, but at a faster pace, and more in-depth.

AP Chemistry – 2022-2023 school year ONLY

Credits: 1 credit

Grade Level: 11, 12

Prerequisite: An average in Chemistry with teacher recommendation or A/B average in Chemistry CPH.

Course Description: This course will follow the College Board guidelines of content. It includes more emphasis on individual preparation for class work and more intensive weekly laboratory experiences. This course will have all the components of a normal chemistry course, but at a faster pace, and more in-depth.

AP Physics

Credits: 1 credit

Grade Level: 11, 12

Prerequisite: Successful completion/concurrent enrollment in Trigonometry

Course Description: AP Physics is a college level Physics course designed to enable AP students to develop a deep understanding of the content. The course alternates each year between Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound, and covering electricity and magnetism. A strong desire to learn and a serious time commitment are needed to succeed in an AP Physics course.

Chemistry CP

Credits: 1 credit

Grade Level: 10, 11, 12

Prerequisite: Successful completion/concurrent enrollment in Geometry

Course Description: General chemistry covers a wide range of topics, such as atomic structure, chemical bonding, chemical equations and reactions, stoichiometry, gas laws, solutions, chemical thermodynamics, and chemical kinetics. The course is designed for students considering a science or science related major in college. Some memory work is required, as well as basic algebraic ability. Laboratory experiences will be used as a tool to deepen understanding of the course material.

Chemistry CPH

Credits: 1 credit

Grade Level: 10, 11, 12

Prerequisite: Successful completion/concurrent enrollment in Algebra II

Course Description: This chemistry class is an advanced comprehensive high school chemistry course that will move more quickly through foundations of chemistry to allow more time for advanced topics and labs. Laboratory experience provides enrichment for class discussion to present topics that will be discussed later. This course is designed for those students considering a science or science-related major in college. Grades that are received in Chemistry will primarily be based on assessment performance. Laboratory experiences and homework will be used as tools to deepen understanding of the course material.

Organic Chemistry – 2023-2024 school year ONLY

Credits: 1 credit

Grade Level: 11, 12

Prerequisite: A average in Chemistry with teacher recommendation **or** A/B average in Honors Chemistry

Course Description: Organic chemistry focuses on the basic principles needed to obtain an understanding of the structure and reactivity of organic molecules. The main purpose of the course is to help students get an early start on a challenging subject that will be required in college for a number of academic pursuits. Any student who is considering biology, biochemistry, pharmacy, pre-med, chemical engineering, nursing etc., as a major, should consider taking this course.

Pharmacology

Credits: 1 credit

Grade Level: 11, 12

Prerequisite: Student must be age 18 by the end of April

Course Description: Pharmacology is the study of how drugs interact with biological systems-- from the molecule to the cell, to the organ and to the body as a whole. Successful students will have the opportunity to take an end of course exam to become a certified pharmacy technician. This is a great opportunity for any student going to college for biology, chemistry, and or any health-related fields. It has the potential to provide the student with a rewarding part-time job while going to school.

Physics CP

Credits: 1 credit

Grade Level: 11, 12

Prerequisite: Successful completion/concurrent enrollment in Algebra II

Course Description: This course covers mechanics, motion, electricity, light, and sound. Laboratory work deals with common equipment and materials to show application of class work in the outside world. Trigonometry and graphing skills are used.

Social Studies

World History **** e-Learning option available****

Credits: 1 credit

Grade Level: 9

Course Description: This course examines world events from 1750 to the mid-20th century. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, and the wars that changed empires. It also concentrates on how the U.S. federal republic has withstood challenges to its national security and expanded the rights and roles of its citizens. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

World History CP **** e-Learning option available****

Credits: 1 credit

Grade Level: 9

Prerequisite: Teacher recommendation

Course Description: This course examines world events from 1750 to the mid-20th century. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, and the wars that changed empires. It also concentrates on how the U.S. federal republic has withstood challenges to its national security and expanded the rights and roles of its citizens. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. The CP course will require multiple projects, extended responses, and higher-level reading.

U.S. History **** e-Learning option available****

Credits: 1 credit

Grade Level: 10

Course Description: This course examines U.S. and world events from the mid-20th century to present day. It explores the impact of the wars that changed empires, the ideas that led to independence movements, and the effects of global independence. It also concentrates on how the U.S. federal republic has withstood challenges to its national security and expanded the rights and roles of its citizens. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. Students will take the Ohio American History end-of-course exam.

U.S. History CP **** e-Learning option available****

Credits: 1 credit

Grade Level: 10

Prerequisite: Teacher recommendation

Course Description: This course examines U.S. and world events from the mid-20th century to present day. It explores the impact of the wars that changed empires, the ideas that led to independence movements, and the effects of global independence. It also concentrates on how the U.S. federal republic has withstood challenges to its national security and expanded the rights and roles of its citizens. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. The CP course will require multiple

projects, extended responses, and higher-level reading. Students will take the Ohio American History end-of-course exam.

American Government **** e-Learning option available****

Credits: 1 credit

Grade Level: 11

Course Description: This course studies the principles of the American system of the government so that students can understand the rights and responsibilities that come with U.S. citizenship. Students examine how the American people govern themselves at the national, state, and local levels of government. This course teaches what the Constitution really means and examines the branches of government. This course is designed to teach students how to become actively participating citizens. Students will take the Ohio American Government end-of-course exam.

American Government CP **** e-Learning option available****

Credits: 1 credit

Grade Level: 11

Prerequisite: Teacher recommendation

Course Description: This course studies the principles of the American system of the government so that students can understand the rights and responsibilities that come with U.S. citizenship. Students examine how the American people govern themselves at the national, state, and local levels of government. This course teaches what the Constitution really means and examines the branches of government. This course is designed to teach students how to become actively participating citizens. The CP course will require multiple projects, extended responses, and higher-level reading. Students will take the Ohio American Government end-of-course exam.

ADVANCED ELECTIVES

AP European History

Credits: 1 credit

Grade Level: 11, 12

Prerequisite: World History CP/CPH; Teacher Recommendation

Course Description: Following the College Board curriculum, students will examine significant political, economic, and cultural developments of European society from the period of the Renaissance to the early 21st Century. The course will emphasize higher level historical thinking skills such as primary and secondary source analysis, historical argumentation, and recognizing causation in both short and long-term historical patterns. The course will also instruct and implement College Boards writing models such as DBQ and LEQ formats. All students enrolled will take the AP European History exam in May of the academic year.

AP United States History

Credits: 1 credit

Grade Level: 10, 11, 12

Prerequisite: Teacher Recommendation

Course Description: Following the College Boards curriculum, students will examine significant political, economic, and cultural developments of American society from initial European contact in the Western Hemisphere to the early 21st Century. The course will emphasize higher level historical thinking skills such as primary and secondary source analysis, historical argumentation, and recognizing causation in both short and long-term historical patterns. The course will also instruct and implement College Boards writing models such as DBQ and LEQ formats. All students enrolled will take the AP US History exam in May of the academic year.

Psychology

Credits: ½ credit

Grade Level: 11, 12

Prerequisite: Teacher Recommendation

Course Description: This course introduces the field of psychology and its basic concepts, theories, research methods, and contribution to the understanding of human behavior. Topics include the nervous system, perception, motivation, learning and memory, social behavior, personality, developmental, and clinical psychology. The past and current theories and contributions of major psychologists are explored.

Abnormal Psychology

Credits: ½ credit

Grade Level: 11, 12

Course Description: This course provides an examination of the various psychological disorders as well as theoretical, clinical, and experimental perspectives of the study of psychopathology. Emphasis is on terminology, classification, assessment, and treatment of the major disorders.

Senior Leadership *** e-Learning option available***

Credits: 1 credit

Grade Level: 12

Course Description: The Leadership program is designed to assist the community, its citizens, our school and the students of Lakeside. The experience fosters active and responsible attachments to the community through volunteering and service-learning projects. Requirements include 25 service hours each semester. A student-generated project (Legacy Project) is optional in order to receive a recognition cord for graduation. Awards and honors are given at graduation. The grade is based on attendance, active participation, and volunteer hours logged. A selection process is used to determine who can get into the program. Participation in this course earns the Community Service diploma seal.

World Languages

Japanese I

**** e-Learning option available ****

Credits: 1 credit

Grade Level: 9, 10, 11, 12

Prerequisite: C average or better in English

Course Description: Japanese I Class will focus on learning to read and write the phonetic Hiragana and Katakana alphabets. Students will learn vocabulary, grammar, and basic sentence structure. Conversation is practiced in class through dialogues and projects. Japanese culture will be discussed, along with comparisons between Japanese and American culture.

Japanese II

**** e-Learning option available ****

Credits: 1 credit

Grade Level: 10, 11, 12

Prerequisite: C average or better in Japanese I

Course Description: Japanese II class will focus on continued reading and writing of Japanese, along with spoken Japanese. Students will learn the phonetic Katakana alphabet and begin to learn Kanji (characters taken from the Chinese language and used in Japanese.) More advanced grammar and sentence structure will be learned. Japanese culture and current events will also be discussed.

Japanese III/IV

Credits: 1 credit

Grade Level: 11, 12

Prerequisite: C average or better in Japanese II

Course Description: Japanese III/IV will focus on increasing Kanji vocabulary, in-depth study of grammar and syntax, and reading of Japanese literature. Students will work on projects developed around themes of Japanese culture and daily life such as schools in Japan, the Japanese home and its etiquette, Japanese entertainment, the electric train system in Tokyo, and Japanese foods.

Spanish I

**** e-Learning option available ****

Credits: 1 credit

Grade Level: 9, 10, 11, 12

Prerequisite: C average in English

Course Description: In this first-year course, students are shown the basic elements of Spanish grammar and sentence composition. A correlation is made between Spanish and its English equivalents. Verb conjugation in the present tense is a primary focus. Also in this course, cultural differences and similarities between Hispanic and American cultures are discussed.

Spanish II

**** e-Learning option available ****

Credits: 1 credit

Grade Level: 10, 11, 12

Prerequisite: C average in Spanish I

Course Description: Spanish II is a further study of the grammar, translations, readings, and audio-lingual experiences involved in learning a foreign language. There is a special emphasis on verbs and their usage. Students learn to discuss simple topics and describe pictures in Spanish. Through activities and experiences

related to reading, translating, and conversing, students become more knowledgeable of Spanish and the social, cultural, geographical, and historical backgrounds of Spanish-speaking countries.

Spanish III / IV

Credits: 1 credit

Grade Level: 11, 12

Prerequisite: C average in Spanish II

Course Description: Spanish III/IV is an in-depth study of the grammar and syntax of the language and its significance in audio-lingual and written communication. The students are introduced to Spanish Literature through readings, short stories, and plays. There is an intensified emphasis on the different forms of oral and written expression, as well as the cultural aspects of the language.