

**LEIPSIC HIGH
SCHOOL**

VIKINGS

**COURSE SELECTION
GUIDE**

2017-2018

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LEIPSIC HIGH SCHOOL 2015-2016

REGISTRATION GUIDELINES

1. Carefully plan your course selection and base your course selection on your educational and vocational goals. Look through the different example pathways located inside this booklet.
2. Consult with your parents, teachers, counselor, etc., as you finalize your course selections.
3. A parent must approve the final course selection and a parent and counselor or principal thereafter must approve any changes.
4. Students should refer to their class checklist for total credits needed for graduation.
5. Every student must take at least 5 or more credits every year. – STATE LAW
6. A student may not request more than 1 study hall per day
7. Where a scheduling conflict occurs between a required course and an elective the student will be scheduled into the required course.

SCHEDULE CHANGE POLICY

Once a student has selected his/her courses for the year and has had the schedule approved and signed by his/her parents, seldom should there be the necessity for any change in the schedule. **Classes are offered on the basis of student requests.**

However, if a change is requested, the following are the guidelines.

1. Schedule changes are not allowed on the first **2 days** of the semester – you can pick up a form and get appropriate signatures during this time, but must follow your original schedule.
2. Changes must be made by the end of the **fifth day** of the beginning of each semester.
3. After the course count has been turned in, any changes can be made only if (a) the change will not overcrowd sections and (b) the change will not cause a course to be cancelled because of lack of students.
4. There will be no changes in the schedule after school begins unless a Student Schedule Change form is completed. Signatures must be obtained from the student, parents, teacher(s) of the course(s) involved and counselor or principal, and the form must be returned to the office before a change can be made.
5. Reasons for making changes are:
 - a. error changes
 - b. changes to meet graduation requirements
 - c. classroom balancing
 - d. subject-level changes based on teacher recommendations
 - e. health reasons
 - f. addition of a class in lieu of a study hall
 - g. to better a student's educational plan
 - h. to become a teacher/staff aide in lieu of a study hall

The main objective for high school is to prepare each student to be college and/or career ready. We have several college prep programs and career technical programs to serve this objective.

COLLEGE PREP PROGRAMS

To be admitted without conditions to most four-year private and public colleges or universities, the following classes in high school are strongly recommended:

- 4 credits of English with emphasis on composition (writing)
- 4 or more credits of Mathematics
- 4 credits of Science
- 3 credits of Social Studies
- 3 credits of Foreign Language
- 1 credit of Fine Art (Art, Band, or Chorus)

Most colleges also judge applicants on the basis of their class rank, grade point average and performance on entrance examinations (ACT or SAT). **Exemplary schoolwork while taking a rigorous course load is the best preparation for the ACT or SAT. These exams are created to test you on your ability to retain all that you have been taught! You cannot possibly prepare fully for this test in a couple months. It is a combination of years of learning.**

Minimum standards that I have seen in the past 4 years:

BGSU – 2.5 GPA and 21 ACT

Toledo – 2.0 GPA 18 ACT

OSU Columbus – 3.5 GPA 24 ACT, or 3.0 GPA 28 ACT

Findlay – 2.8 GPA, 20 ACT

College Credit Plus

College Credit Plus courses refer to college-level courses that students can take while in high school. These courses result in BOTH high school and college credit and are fully paid for by the school district. If a student fails a course or drops a course after the 14th day of a semester then the student/parents will be responsible for tuition and fees. Students can take College Credit Plus courses two ways:

- 1) Here at Leipsic High School through partnered colleges

The University of Findlay: Statistics (MTH 123), History of US Since 1865 (HIST 111) and Intro to Physics (PHYS250/L)

** These credits are transferable to other universities. However, how each course transfers will depend on individual universities and a student's chosen major.

Owens Community College: Students who complete the High School of Business program will earn 12 credits from Owens Community College.

** These credits are transferable to other universities. However, how each course transfers will depend on individual universities and a student's chosen major.

Bowling Green State University: If a student completes the High School of Business program, and gets admitted into BGSU as an incoming freshman, he or she will receive admittance into the business program and earn 6 college credits towards a business degree.

** These are articulated credits, meaning they CANNOT be transferred to other universities.

Rhodes State College: Computer Applications (CPT 1250)

** These credits are transferable to other universities. However, how each course transfers will depend on individual universities and a student's chosen major.

UNOH: Ag Business

** This is an articulated credit, meaning it CANNOT be transferred to other universities.

- 2) Through a college credit plus program from any university of his or her choosing

In the past, students have taken on-campus courses through Rhodes State College, Owens Community College, University of Findlay, or Bluffton University. Students can also choose to take online courses through any state public university through this program. However, it is the student's responsibility to apply to these programs and register for classes.

In both options, students must apply to the individual colleges and be accepted in order to take the courses. Each university has their own standards for admissions. If you are interested in taking any College Credit Plus courses, but did not attend the CCP meeting in January, please see Mrs. Recker. Students must inform the counselor by submitting a signed form by March 30th if they plan on taking any college courses.

According to state law – examples of college credit plus career pathways must be presented to students.

General Education Pathway through Rhodes State College and U of F (16 college credits)

Freshman Year – No college courses this year; take college prep courses and focus on getting a high GPA. To be successful in college courses you should have at least a high school GPA of 3.0. If planning on taking the CCP Am. History course next year with Wenzinger you must take the ACT this April and earn a 20.

Sophomore Year – Take American History CCP with Mr. Wenzinger = 3 credits
 Take Computer Applications CCP with Rieman = 3 credits
 If you are strong in math double up Geometry and Alg. II
 Study and take the ACT in April.

Junior Year – If strong in math take Statistics CCP with Ms. Hempfling = 3 credits
 Also take Advanced Math with Gerten
 Take the ACT twice this year.

Senior Year - 1st sem. – English Comp. (COM 1110)through Rhodes = 3 credits
 Take Physics CCP with Mr. Cupp = 4 credits
 2nd semester –Political Science (POL 1010) OR PHIL 1011 = 3 credits

** Additional credit could be earned by taking AP Calculus, or students could take AP English instead of COM 1110

Total = 19 credits

General Education Pathway through Rhodes State College and U. of F. (30 college credits)

Freshman Year – No college courses this year. Take the ACT in April.

Sophomore Year - All Year – US History through Findlay with Wenzinger = 3 credits

Junior Year - 1st semester – General Psychology (PSY 1010) = 3 credits
 Computers in the Workplace (CPT 1250) = 3 credits
 2nd semester – Political Science (POL 1010) = 3 credits
 English Composition (COM 1110) = 3 credits

Senior Year - 1st semester – Public Speaking (COM 2110) = 3 credits
 College Algebra = 3 credits
 2nd semester - Intro to Philosophy (PHIL 1011) = 3 credits
 Sociology (SOC) = 3 credits
 All Year – Physics(Cupp) or Anatomy(Campbell) = 4 credits
 Total = 31 credits

**Students could take similar courses at any public university in order to earn college credit towards a general 4 year degree.

HIGH SCHOOL OF BUSINESS™

High School of Business™ offers students the opportunity to prepare to excel in college-level business administration programs. The program is designed specifically to meet the needs of college-prep students interested in business: challenging, rigorous courses, a complete program that provides both breadth and depth of business knowledge, and a bridge between academic learning and how it is used to solve complex business problems.

High School of Business™ utilizes a project and problem-based learning environment supported with critical content. Students will challenge their minds by using the academic skills gained in math, English, and social sciences courses to solve business problems. The result is a complete program that positions students for success in college and beyond.

This is a College Credit Plus Program.

Career Tech Programs

1. VOCATIONAL PROGRAMS OFFERED AT LEIPSIC HIGH SCHOOL:

Agriculture
Ag Food & Natural Resources
Animal and Plant Science
Structural Engineering
Ag Business
Ag & Environmental Systems Capstone

2. VOCATIONAL PROGRAMS AT MILLSTREAM CAREER CENTER:

Arts, Communications & Information Technology
Computer Networking & Support Technology
Interactive Multi-Media Technology
Programming & Software Development

Business Administration
Marketing (Sr. Only)
Office & Print Technologies

Construction
Construction Skills
Building & Grounds Maintenance

Engineering & Manufacturing
Engineering & CAD Technology
Welding Technology

Transportation
Automotive Maintenance
Automotive Technology

Human Services Career
Early Childhood Education
Cosmetology
Culinary Arts
Hospitality & Restaurant Services

Health Science
Medical Technology
Nurse Assisting (Sr. Only)

Millstream Career Center is located in Findlay, OH. Students cannot attend until their junior year of high school. Students must apply in January of their sophomore year. Many Millstream programs will result in students earning a license and thus could follow the Pathway III towards graduation.

Testing Requirement

Students are required to take a test to show they are College or Career Ready in order to earn a diploma. There are 3 pathways to do this. Students must choose one pathway to show their readiness and to earn a diploma.

Pathway I to Graduation- Next Generation Assessments

These tests constitute the first and most-widely used pathway to graduation. Students will take 7 end-of-course exams. These are English I, English II, Algebra I, Geometry, American History, Government, and Biology. In each test, students will receive a score of 1-5, a 3 meaning the student is proficient in the course content. Students must earn a total of 18 points from all 7 tests in order to graduate. In addition, they must meet the minimum sub-scores of a total of 4 points in English tests, 4 points in Math tests, and 6 points in History and Science tests.

Students will get the chance to retest in subject areas if they are deficient in their points as they enter their junior year.

Pathway II to Graduation – A non – remediation score on the ACT or SAT

A non-remediation score on the ACT includes an 18 or higher on the English section, 22 or higher on the Reading section and a 22 or higher on the Math section. All students must take the ACT in the spring of their junior year. This will be done at school. Students must score non-remediation scores on all three parts for this pathway to count. Student can take the ACT multiple times and use the highest score from any attempt.

Pathway III to Graduation involves taking and passing a license-awarding state test. Each year the state will come out with a new list as to which tests are approved for this method. Some on the current list include getting a CDL, STNA, or Cosmetology license. Students must also take the WorkKeys assessment and earn a passing score on this test to graduate.

Criteria for a High School Diploma	
Subject	Criteria
English	4 units
Mathematics	4 units, must reach Alg. II level
Science	3 units, including Biology and Physical Science.
Social Studies	3 units, including World History, American History, and American Government.
Health	½ unit
Finance Class (Economics or Personal Finance)	½ unit
Physical Education	½ unit**
Fine Arts	1 unit
Electives	4.5 units
Assessments	Total of 18 points on Next Generation Assessments, non-remedial score on the ACT or an industry credential + a score of 13 points on the WorkKeys assessment
Total Credits	21.0 Total Units

**Beginning with the class of 2011, SB 311 allows school districts to adopt a policy exempting students who participate in athletics, marching band or cheerleading for two full seasons from the physical education requirement.

Academic Diploma with Honors <i>Students need to fulfill only 7 of the following 8 criteria</i>	
Subject	Criteria
English	4 units
Mathematics	4 units, including Algebra I, Geometry, Algebra II and an advanced math
Science	4 units, including 2 advanced sciences
Social Studies	4 units
Foreign Language	3 units of 1 language or 2 units in each of 2 languages studied
Fine Arts	1 unit
Grade Point Average	3.5 up to 1 st semester of senior year
ACT/SAT Score [excluding scores from the writing sections]*	27 ACT / 1210 SAT, if taken more than once, highest scores from each of the test administrations may be combined

Career-Technical Diploma with Honors <i>Students need to fulfill only 7 of the following 8 criteria</i>	
Subject	Criteria
English	4 units
Mathematics	4 units, including Algebra I, Geometry, Algebra II and another higher level course
Science	4 units, including 2 advanced sciences
Social Studies	4 units
Electives	4 units of Career-Technical minimum. Program must lead to an industry recognized credential, apprenticeship or be part of an articulated career pathway which can lead to post secondary credit.
Grade Point Average	3.5 up to 1 st semester of senior year
ACT/SAT Score [excluding scores from the writing sections]*	27 ACT / 1210 SAT
Additional Assessment	Achieve the proficiency benchmark established for the appropriate Ohio Career-Technical Competency Assessment or the equivalent

*Writing sections of either standardized test should not be included in the calculation of this score.

Diploma with Honors requirements pre-suppose completion of all high school diploma requirements in Ohio Revised Code including:

- ½ unit physical education**
- ½ unit health
- ½ unit in American history ½ unit in government

**SB 311 allows school districts to adopt a policy exempting students who participate in athletics, marching band or cheerleading for two full seasons from the physical education requirement.

ART – Performing and Visual

* One Performing or Visual Art credit required for graduation

Performing Arts

High School Band, #010

5 per week
Year

Grades: 9, 10, 11, 12
1.0 credit

Prerequisite: Junior High Band or Band Director's approval

High School Band meets five (5) days a week and consists of two distinct segments: Marching Band and Symphonic Band. Students registered for this course must participate in both ensembles. **Attendance at all activities is a requirement for participation in this class.** Numerous absences from rehearsals and/or performances will lead to failure of the course and expulsion from the ensemble.

Marching Band – Marching Band rehearses during the school day and after school on Tuesday and Thursday evenings during football season. Band Camp takes place at the high school in late July or August adjusted annually around the school calendar, and typically last two weeks. There is also a brief mini-camp in June to prepare for the Putnam County Fair Show. Attendance at all performances is required; these include performing at all varsity football games, the Putnam County Fair Show, the Viking Extravaganza, parades, and other events scheduled by the Director.

Symphonic band – Symphonic Band rehearses during the school day, alternating with Marching Band rehearsals during football season. The Symphonic Band exists to offer students the opportunity to perform at a high level of proficiency and grow as lifelong musicians. The band has a number of local performances outside of the school day including a Christmas concert, winter concert, cabaret, graduation, and scheduled run-out performances. The band also typically participates in the OMEA District III large group ensemble contest in March. **Participation in all events is required. Unexcused absences will affect final grade.**

Flags, #110

5 per week
Marching Band Season

Grades: 9, 10, 11, 12
.25 credit

Members of the Leipsic High School Band Flag Corps are selected by designated auditions. The attendance requirement for this course is the same as for Marching Band segment listed above.

Viking Chorale, #109

5 per week
Year

Grades: 9, 10, 11, 12
1.0 credit

This select vocal ensemble is by audition only. Auditions will consist of solo singing and sight-reading. This smaller group of singers will perform separately from the other HS Choruses. Emphasis will be given to more difficult music in varied styles. Maximum of 35 students.

High School Chorus, #012

5 per week
Year

Grades: 9, 10, 11, 12
1.0 credit

High School Chorus is designed to provide further study and performance of choral music in a group setting. Studying, rehearsing, and performing choral literature from various periods and styles develops individual vocal skills, as well as the art of singing and blending as a group. Also includes study of reading music, aural skills and sight-reading. The group performs at least three concerts per year.

Visual Arts

<u>Art I, #001</u>	5 per week Year	Grades: 9, 10, 11, 12 1.0 credit
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Art I provides students an opportunity to learn basic art principles and to make explorations into fine arts and crafts. Students discover and reflect on the social, creative, and aesthetic values of artworks from diverse cultures and historical periods, as well as their own studio creations in drawing, painting, sculpture and printmaking. Outside assignments are required.

<u>Art II, #002</u>	5 per week Year	Grades: 10, 11, 12 1.0 credit Lab fee
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Prerequisite: Art I

Art II is designed to review and build upon the basic information gained in Art I. Students explore in their own work the expressive qualities of the elements of design (line, color, shape, texture, form and space) and the ways they can be organized according to the principles of composition. With emphasis being placed on working from observation, Art II students begin in-depth studies in areas of art history, as well as being introduced to a wider range of media and techniques in drawing, painting, printmaking and sculpting.

<u>Art III, #003</u>	5 per week Year	Grades: 11, 12 1.0 credit Lab fee
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Prerequisite: Art II, approval by teacher

Instruction and assessment in Art III focuses on the artistic processes of creating, producing and responding to art. This course utilized the basic art principles learned in Art I and Art II and begins an individualized, in-depth study of art which allows the student opportunities to develop independent and creative thinking, while broadening and honing their studio skills. Areas introduced and studied in depth will be career options, portfolio development, wheel-throwing, photography, advanced painting techniques, sculpture, mixed media and drawing. Outside assignments are required.

<u>Advanced Art, #004</u>	5 per week Year	Grade: 12 1.0 credit Lab fee
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Prerequisite: Art III, approval by teacher

The course is planned to permit certain freedoms and selections with the following objective in mind: self-expression and self discipline in delving more deeply into area studies; and subject matter or areas in providing the foundation for required courses of study in college. Art IV students will focus on portfolio development by selecting their area of study and draw up an outline with specific limitations and goals for each project. Work is evaluated as to whether or not the student is growing in his/her selected studies according to the outline. Studies of specific areas of art history and weekly outside assignments are required. Portfolio development is required and career options will be explored in depth.

BUSINESS EDUCATION

Students participating in the High School of Business Track™ will be given first preference.

Business Applications and Economics, #136 5 per week Grades: 9

High School of Business™ Year 1.0 credit

BA and Economics, a project-based business course, develops student understanding and skills in such areas as business law, economics, financial analysis, human resources management, information management, marketing, operations, and strategic management. Through the use of three projects, students acquire an understanding and appreciation of the business world. They develop a business analysis report, conduct an environmental scan of the local business community, and investigate business activities. Current technology will be used to acquire information and to complete the projects. Throughout the course, students are presented problem-solving situations for which they must apply academic and critical-thinking skills. Formal reflection is an on-going component of the course. In Business Economics, you will consider how decisions (such as work vs. play or sticks vs. straw) affect businesses and individuals in the short and long term. You will also conduct research and examine business problems as you learn about microeconomics, macroeconomics, and international economic concepts.

Business Applications of Marketing, #137 5 per week Grades: 11

High School of Business™ Year 1.0 credit

BA Marketing is a project-based business course that develops student understanding and skills in the functional areas of channel management, marketing-information management, market planning, pricing, product/service management, promotion, and selling. Students acquire an understanding and appreciation of each of the marketing activities.

Business Applications of Finance, #137 5 per week Grades: 11

High School of Business™ Year 1.0 credit

BA Finance furthers student understanding of two specific business activities—accounting and finance—that were introduced in an earlier *High School of Business* course. Through team activities and a semester-long corporate investment project, students make connections between accounting and finance. Students acquire an understanding of financial statements, calculate financial ratios, and make corporate financial management decisions based on their analysis of that financial data. In addition, students apply the concepts of operating and overhead costs, internal accounting controls, and budgets to their class business. Lastly, cost/benefit analysis is introduced as an element of financial planning and decision-making.

Business Applications of Strategic Management #138 5 per week Grades: 12

High School of Business™ Year 1.0 credit

BA Management furthers student understanding of management that was introduced in an earlier *High School of Business™* course.. Through individual and team activities and a semester-long project, students make connections between management and business success. Students acquire an understanding of legal and ethical issues associated with management; initiate, plan, implement and control, and close a project; motivate team members; delegate work; develop a chain of command; coordinate work efforts; and interpret statistical findings. This course serves as the capstone course for the *High School of Business™* program. Students utilize their previously developed decision matrices to finalize their company's business plan, incorporating an organizational plan, a management plan, a financial plan, and a marketing plan for a non-profit organization. The non-profit venture is actualized during the course, requiring students to engage in risk assessment; strategic planning; target market selection; competitive and market analyses; human resources selection, training, and assessment; and performance assessment of the business plan.

Accounting I, #080 5 per week Grades: 10, 11, 12
 Year 1.0 credit
 Workbook Fee

This is a course dealing with bookkeeping and accounting principles. There is a definite need for bookkeeping principles, as it contributes to: (a) a person's ability to earn a living; (b) a person's economic understanding of the business world; and (c) a person's competence in managing his/her personal business affairs. Automated accounting will be introduced.

Personal Finance, #096B 5 per week Grade 10, 11, 12
 Semester .5 credit
 Lab fee

Increase your skills to take responsibility for your life. Topics include study skills, goal setting, personal and academic choices, and financial literacy. Students will learn the importance of accepting responsibility for the management of personal, family, and environmental resources. You will gain knowledge and skills to become an informed, educated, and responsible consumer. Topics include consumer choices, the effects of advertising, budgeting, banking principles, and consumer rights and responsibilities. This class can be used for the required Personal Finance credit for graduation.

Computer Applications (CCP optional) #185 5 per week Grades: 9,10, 11, 12
 0.5 if HS credit only
 1.0 if CCP

Students will learn to use a variety of software such as Word, Excel, PowerPoint, and Google drive. These software programs will be used in the teaching of proper formatting of documents that they will need to create in high school and after they graduate. Students will also be given instruction on best practices on Internet research.

Desktop Publishing, #181 5 per week Grades: 10, 11, 12
 Semester 0.5 credit

Desktop Publishing will introduce students to the features and functions of MS Publisher and MS Word in the creation of basic professional and personal documents, forms, and websites. It will focus on using desktop publishing software to effectively communicate messages in printed form. Students will learn to use the combination of type, color, shapes, illustrations, and images to produce professional printed materials. Graphic design terminology and software skills will also be addressed.

Web Design, #186 5 per week Grades 10, 11, 12
 Semester 0.5 credit

Learn how to create and design your own webpage. Study different business webpages to learn what makes a webpage user-friendly, efficient, and appealing.

FOREIGN LANGUAGE

Spanish I, #077 5 per week Grades: 9, 10, 11, 12
 Year 1.0 credit

Prerequisite: **B** or better in English/ Freshmen with a C in English should delay Spanish I for one year

Designed to introduce the student to the four basic language skills in Spanish: listening, speaking, reading and writing. Students are also provided with cultural background of the Spanish speaking countries of the world. Since most colleges and universities require two or three years of a foreign language, this is a college preparatory course. Should have a strong desire to learn a second language.

Spanish II, #076

5 per week
Year

Grades: 10, 11, 12
1.0 credit

Prerequisite: Spanish I with a **B** or better or with instructor's permission on an individual basis
Provide the opportunity of the further study of the four basic language skills. Students will learn more communicative skills and will practice these skills in various situations. Further study of Hispanic nations and people is also included.

Spanish III, #075

5 per week
Year

Grades: 11, 12
1.0 credit

Prerequisite: Spanish II with a **B** or better or with instructor's permission on an individual basis
Geared for those students who have interest and proficiency in the language. Course content will include intermediate/advanced development of the four basic language skills as well as the study of Spanish speaking countries.

Spanish IV - #098

5 per week
Year

Grades: 12
1.0 credit

Prerequisite: Spanish III with a **B** or better or with instructor's permission on an individual basis

This class is the equivalent of an intermediate university Spanish class. It is a fast-paced study of grammar, literature, art, and other culture. Students in this course need to be committed to working at the university level.

Health

Health, #023

5 per week
Semester

Grade: 9, 10, 11, 12
.5 credit

Graduation Requirement*

Health education is to provide opportunities for the students to learn life-long concepts. The goals of the health program focuses on the following: Alternative to Alcohol, Tobacco, and other Drugs; Mental Disease; Nutrition; Prevention of Chronic and Communicable Disease; Growth Development; Safety and First Aid; and Abstinence.

Physical Education

** Maximum of one course (.25 credit) per school year*

High School Physical Education, #147

5 per week
Semester

Grades: 9, 10, 11, 12
.25 credit

Graduation Requirement*

This course has emphasis placed on sports activities. The physical education curriculum provides for competency standards with particular emphasis on basic skills such as leisure activities, personal body maintenance, safety consciousness, and being current on first aid procedures. The major challenge of physical education is to see that every student is offered the opportunity to develop those physical education skills, values, and attitudes that will enable them to be a total person; one who is knowledgeable and concerned with the components of movement, interpersonal relationship, internal changes of the human body and anticipated behavior.

*****SB311 allows school districts to adopt a policy exempting students who participate in athletics, marching band or cheerleading for two full seasons from the physical education requirement. Students who choose to do this must get a paper signed by both their parents and their coach for both seasons in order to be exempted from PE.***

LANGUAGE ARTS

English I, #052

5 per week
Year

Grade: 9
1.0 credit

This freshman course exposes students to a general overview of the language arts. Students will acquire an understanding of grammar usage and mechanics and be exposed to a variety of reading material. This course will also provide opportunities to develop composition skills, vocabulary skills, thinking skills, and reference skills.

English II, #051

5 per week
Year

Grade: 10
1.0 credit

This sophomore class is designed to expand composition skills and to reinforce the abilities of students in grammar usage and mechanics which will help prepare students for the Next Generation Assessments and the ACT. In addition, students will increase their understanding of literature from the literal level to the interpretive level plus enhance vocabulary through weekly word study.

English III, #049

5 per week
Year

Grades: 11
1.0 credit

College-bound students will have a variety of writing and literacy experiences during the junior year which will help prepare them for additional education. Research writing skills will be taught and students will demonstrate their understanding of these skills by completing a research paper. The course also includes a study of American literature from the colonial period to the present. Vocabulary will be stressed through weekly word study. Students will also develop a portfolio to showcase their progress.

Honors English 11, #720H

5 per week
Year

Grades: 11
1.0 credit

Prerequisite: 3.0 or higher cumulative GPA and teacher recommendation

This is a demanding course for the hard-working student who demonstrates an exceptional interest in exploring and analyzing challenging classical and contemporary literature. Students will be engaged in the careful reading of literary works, and through such study, sharpen their awareness of literature, language, and their understanding of the writer's craft. Reading selections will focus on a survey of literature from a variety of time periods, disciplines, and contexts. This course encourages students to develop critical standards for the appreciation of any literary work, and students will respond to literature by writing narratives, descriptive and analytical essays, and research papers.

English IV, #047

5 per week
Year

Grade: 12
1.0 credit

This course is designed to give students an insight into English literature while analyzing and critiquing writings from Anglo-Saxon times to present. Research skills will be reinforced through a research paper, while vocabulary will be increased through weekly word study. Students will also be taught the proper techniques for completing post secondary paperwork such as student resumes, college applications, scholarship applications, and college essays. As part of a Senior English requirement, students must complete a senior project.

AP English

5 per week
Year

Grade: 12
1.0 credit

Prerequisite: It is required that a student test as college ready on a national standardized test. (18 on ACT English, 21 on ACT Reading OR get AP Potential on your PSAT) Students who tested at accelerated or advanced level on state testing can also take the course with teacher approval. It is recommended that students received an A or B in Honors English 11.

This is a demanding course that will test the student's reading of selected poems, passages, and novels. The student is required to write critical analysis essays as a measure of his or her ability to read and interpret literature and to demonstrate proficiency in both written and oral communication. Students who enjoy the challenges of the English language, literature, and writing and who are looking for an opportunity to get a jump on college are good candidates for this class. This course meets daily throughout the year. It will require summer reading. Students will be expected to take the AP Exam during the spring. **It is required that students who take this course take the AP exam in May. The exam is around \$90.00.**

Journalism, #058

2-3 per week
Year

Grades: 11, 12
.5 credit

The area of the high school newspaper will be explored in this course. By writing and editing stories each month for the "Voice of the Vikes," students will put to practical use newspaper style techniques. In addition, students must like to write and also exhibit leadership qualities to become members of the Voice staff. **Students chosen by application process. Maximum 15 students.**

Yearbook, #059

2-3 per week
Year

Grades: 11, 12
.5 credit

Production of the school yearbook the Le-Hi is the primary purpose of this course. Students will learn advertising sales skills, writing styles needed for body copy, captions, and headlines, and methods used for layout designs. Digital photography, computers, and teamwork are used daily. Yearbook is an excellent class for getting involved in all activities at LHS. **Students chosen by application process. See Mrs. Meyer for application. It will be due to Mrs. Meyer the same day you turn in your scheduling papers. You will not be allowed to apply in the fall. Maximum 15 students.**

Project MORE - #016

5 per week
Year

Grades: 9,10,11,12
.25 credit

This course is designed to help you explore your own knowledge, skills, and values as you begin to develop lifelong goals and prepare for your future. Helping a younger student to learn to read will teach you many things. You will work on critical thinking, writing, presenting, leadership, decision-making and interpersonal skills.

MATH

Basic Algebra, #035

5 per week
Year

Grades: 9
1.0 credit

The focus of this course is building the foundation necessary for success in the study of algebra. Students will become familiar with the following: the properties of mathematics; the language of algebra; solving one step and two step equations; adding, subtracting, multiplying and dividing rational numbers and integers; solving inequalities; graphing equations and inequalities; proportion; percent; statistics and graphs; probability; applying algebra to geometry; measurement; and the study of polynomials. Fluency with numerical computation (decimals, fractions, scientific notation, radicals, etc) with and without technology will be reinforced throughout the curriculum. (Texas Instrument – TI30XIIS Required.)

Algebra I, #040

5 per week
Year

Grades: 9, 10
1.0 credit

Prerequisite: Basic Algebra or A, B or high C in Math 8

This course is designed to be a first-year algebra course with applications-driven development of the content. The curriculum begins with the study of two-variable data that have a linear relationship. Classical topics from algebra are emphasized, such as solutions and graphs of linear function, solutions of linear equations, and arithmetic of polynomials. Fluency with numerical computation (decimals, fractions, scientific notation, radicals, etc) with and without technology will be reinforced throughout the curriculum. **(Texas Instrument – TI30XIIS Required.)**

Geometry, #038

5 per week
Year

Grades: 9, 10,11
1.0 credit

Prerequisite: Algebra I

This is course is to be driven by applications and connections to the real world. It begins with basic ideas and terms that can be applied to real world situations. An emphasis will be placed on computation using the ideas of perimeter, area, and volume. This class will also emphasize teamwork and will include projects as an alternative to some assignments. **(Texas Instrument – TI30XIIS Required.)**

Algebra II, #039

5 per week
Year

Grades: 11, 12
1.0 credit

Prerequisite: Algebra I

This course is designed to be a second-year algebra course with applications driven development of the content. One goal is an understanding of linear and quadratic functions and their applications. Different number systems including rational, irrational, real, and complex will be studied. Fluency with numerical computation and conceptualization will be reinforced throughout the curriculum. **(Texas Instrument – TI30XIIS Required.)**

Advanced Math, #037

5 per week
Year

Grades: 11, 12
1.0 credit

Prerequisite: Algebra II

This is an upper level math class normally taken by juniors and seniors. The topics of trigonometry and analytic geometry are covered as well as a review of Algebraic concepts. **TI-84 graphing calculator highly recommended.**

Statistics, #0##, CCP through University of Findlay 5 per week Grades: 11, 12
Semester 1.0 credit

Prerequisite: Algebra II completed, or taken in conjunction

Designed for college-bound junior and seniors, this course introduces students to the rigors of data. The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data.

Integrated Math, #0## 5 per week Grades: 12
Year 1.0 credit

Prerequisite: Algebra II

Students in Integrated Math will review and improve their knowledge of the real number system, polynomials, rational expressions, exponents and radicals, scientific notation, approximate numbers and rounding, linear and quadratic equations, formula manipulation, graphing, variation, exponential and logarithmic functions, geometry, fractions and factoring, the metric system and basic trigonometry. The goal of this course is to sharpen skills students have already been taught through Algebra I, Geometry and Algebra II in order to better prepare the students for an introductory Algebra college course. Students must pass both semesters of this course in order to graduate if this course is being used for their 4th math credit.

(Texas Instrument – TI30XIIS Required.)

AP Calculus 5 per week Grade: 12
Year 1.0 credit

Prerequisite: Advanced Math

Prerequisite: at least 3.2 or higher GPA or Letter of Recommendation

AP Calculus AB is a year-long high school course which is designed to provide the same content that would be found in an introductory college-level calculus course. Students will be strongly encouraged to take the AP® Calculus AB exam in May. Over the course of the year we will explore differential and integral calculus using multiple representations of functions (graphical, numerical, analytic, and verbal). Conceptual understanding will be emphasized over symbolic manipulation and rote memorization of formulas. Emphasis will be placed on communicating through written narrative descriptions and interpretations as well as verbal communication in small groups. Written exams will closely follow the format of the AP exam with both multiple choice and free response questions, and calculator/no calculator portions.

Mathematical Modeling 5 per week Grades: 11, 12
Semester .5 credit

Prerequisite: Alg. I and Geometry

The focus of this course is to analyze information using statistical methods and probability, modeling change and mathematical relationships, mathematical decision making in finance, and spatial and geometric modeling for decision making. Students will learn to become critical consumers of the quantitative data that surround them every day, knowledgeable decision makers who use logical reasoning and mathematical thinkers who can use their quantitative skills to solve problems related to a wide range of situations. As they solve problems, they will develop critical skills for success in college and careers. Students will use multiple representations, technology, applications and modeling in problem solving context.

Advanced Chemistry

5 per week
Semester

Grade: 12
0.5 credit

Prerequisite: Chemistry

This course will cover advanced topics in chemistry including equilibrium, oxidation reduction reactions, electrochemistry, radioactivity, nuclear energy, saturated and unsaturated hydrocarbons, functional groups, and alcohols.

Anatomy & Physiology, (019)

5 per week
Year

Grade: 12
1.0 credit

Prerequisite: Biology with B or higher & Chemistry with a C or higher.

The course will consist of a detailed explanation and study of bio-chemical, structural, and functional properties of the systems of the human body. It is designed to give the students an in depth look at the structure and working of the human body with emphasis on how the structure makes function possible and disruption leads to disease. Special emphasis will be placed on the muscular, skeletal, cardiovascular and respiratory systems. This course requires extensive reading of the text and memorization. At the end of the year students will be required to complete a dissection and demonstrate the skills and knowledge learned throughout the course. **Strongly recommended for college majors in the medical field.**

Univ of Fin - Physics - DE, #770DE

5 per week
Year

Grade 12
1.0 credit

Prerequisite: A or B in Chemistry, PEC, and Algebra- Must be a Senior and meet The University of Findlay's requirements for acceptance into the CCP program. Prerequisite: at least 2.5 or higher GPA and a 20 on ACT. Must also take the ACCUPLACER test and meet Findlay's base score requirement.

College level course covering Newtonian mechanics, energy, circular motion, fluid dynamics, thermodynamics and simple harmonic motion. **Strongly recommended for college majors in the engineering, architecture, chemistry fields or medical fields such as pharmacy and pre-med.**

Science – Order of Classes

Must follow one of these sequences

<u>Technical</u>	<u>2 Year College Prep</u>	<u>4 Year College Prep*</u>
1. Physical Science	1. Physical Science	1. Physical Science
2. Biology	2. Biology	2. Biology
3. Environmental Science	3. Chemistry	3. Chemistry
		4. Advance science
*Physics should be taken if planning on majoring in the engineering, architecture, chemistry or medical fields such as pharmacy or pre-med.		
**Students interested in pharmacy or pre-med majors should take both the Anatomy/Physiology and Physics courses their senior year.		

Economics, #064

5 per week
Semester

Grades: 11, 12
.5 credit

This course is an overview of basic economics, which is the study of our unlimited wants in a world of limited resources, resulting in choices. The economist studies the choices all consumers make when making purchases and money decisions. Students will learn to form an “economic way of thinking” where they start seeing life’s monetary choices through a different lens, one filtered by an understanding of economics. Students also study the power of money through investing in the stock market and how to get a loan by studying banks and the Federal Reserve. The lessons learned will be a great benefit to all students as they prepare to enter the adult or “real” world.

Geography, #073

5 per week
Semester

Grades 11, 12
.5 credit

The course weaves together the skills and content of both history and geography so that students may learn how history and geography affect each other and therefore gain a more complete understanding of the world around them, including North and South America, Europe, Asia, and Africa. Students examine the relationship among social, economic, and geopolitical developments across time and place. They use the processes of conceptual and critical thinking to analyze historical and contemporary issues. Students are encouraged to think independently while developing group process, writing and technology skills.

Electives

Career Search I

5 per week
Year

Grades: 9, 10, 11
.5 credit
Lab fee

Do you know what you want to do to make a living to support yourself and your future family? Investigate yourself and your abilities as part of this course to create a career blueprint which leads you down a career path which uses your talents, interests, and skills to provide personal job satisfaction. Topics include goal setting, personal and academic choices, and financial literacy. You will gain knowledge of goal setting, time management skills, career investigation, and develop an educational plan completing your career blueprint. . **Recommended for 9th graders.**

Nutrition

5 per week
Semester

Grade 10, 11, 12
.5 credit Lab fee

This is a study of food preparation, with emphasis on food safety, the essential nutrients in our diets, and basic food preparation skills. Students will also look at nutrition and why we choose certain food options. This semester class will offer hands-on skills combined with classroom instruction to identify and prepare healthier recipes for families.

Lifetime Sports

5 per week
Semester

Grade 10, 11, 12
0.5 credit
Lab Fee

Since the U.S. seems to be experiencing a decline in health-related fitness levels, this course’s goal is to prepare students to live an active, healthy life through fun sports that can be played throughout one’s life. Sports that will be covered are bowling, bicycling, corn hole, badminton, Bocce Ball, Frisbee Golf, dance, tennis, and pickle ball. Each participant will need to have a bicycle to use for this course.

VOCATIONAL AGRICULTURE

Agriculture, Food & Natural Resources 5 per week Grades: 9, 10, 11, 12
Year 1.25 credit
Lab fee

This is the first course in the Agricultural and Environmental Systems career field. It introduces students to the pathways that are offered in the Agricultural and Environmental Systems career field. As such, learners will obtain fundamental knowledge and skills in food science, natural resource management, animal science & management, plant & horticultural science, power technology and biotechnology. Students will be introduced to the FFA organization and begin development of their leadership ability. ***Recommended for 9th graders and participation in FFA is required.***

Animal and Plant Science 5 per week Grades: 10, 11, 12
Year 1.25 credit
Lab fee

Students will apply knowledge of animal and plant science to the agriculture industry. They will be introduced to the value of production animals relative to the agricultural marketplace. Students will engage in animal classification and selection, body systems, along with animal welfare and behavior in relation to the production of animals. Students will learn principles of plant anatomy and physiology, and the role of nutrition, deficiencies and growing environment on plant production. Throughout the course, business principles and professional skills will be examined. ***Recommended for 10th graders and participation in FFA is required.***

Structural Engineering 5 per week Grades: 10, 11, 12
Year 1.25 credit
Lab fee

Students will apply principles of engineering and design along with an understanding of the properties and uses of construction materials to buildings and structures used in agriculture, horticulture and natural resources. The course will focus on the study and utilization of wood and lumber, metals, concrete and masonry, pipes and plumbing, and electrical systems. Students will design, plan, build and calculate costs-benefits analysis for construction projects while abiding by all building code and safety regulations. ***Recommended for 11th graders and participation in FFA is required.***

Business Management for Agricultural 5 per week Grades: 10, 11, 12
Year 1.25 credit
Lab fee

Learners will examine elements of business, identify organizational structures and identify and apply management skills. Learners will develop business plans, financial reports and strategic goals for new ventures or existing businesses. Learners will use marketing concepts to evaluate the marketing environment and develop a marketing plan with marketing channels, product approaches, promotion and pricing strategies. Learners will practice customer sales techniques and apply concepts of ethics and professionalism while understanding related business regulations. ***Recommended for 12th graders and participation in FFA is required.***