

**LEIPSIC HIGH
SCHOOL**

VIKINGS

**COURSE SELECTION
GUIDE**

2021-2022

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LEIPSIC HIGH SCHOOL 2018-2019

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 unless they are taking at least 3 college credit granting courses.
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. **Since classes are offered on the basis of student requests, we will NOT make any changes to a student's schedule after the 1st day of school. This is a change from previous policy.**

The ONLY way a student's schedule will change after the 1st day of school is if it is directed by a teacher or the office. These would come from the following reasons:

- 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

PLEASE MAKE SURE YOU THINK HARD ABOUT YOUR CHOICES. AFTER THE 1ST DAY OF SCHOOL, YOU WILL NOT BE PERMITTED TO CHANGE CLASSES.

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).

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 25 ACT, or 3.3 GPA 28 ACT

Findlay – 2.8 GPA, 20 ACT

Cincinnati – 3.0 GPA 21 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), Intro to Physics (PHYS250/L), and Anatomy (BIO 201/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.

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 31st 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. – Humanities Gen Ed. class through Rhodes = 3 credits

Leipsic High School—Course Offerings 2020-21 School Year

credits	Take Physics CCP with Mr. Cupp	= 4
credits	2 nd semester –Political Science (POL 1010) OR PHIL 1011	= 3

** Additional credit could be earned by taking AP Calculus, AP English, and AP Government.

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.

credits	<u>Sophomore Year</u> - All Year – US History through Findlay with Wenzinger	= 3
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credits	<u>Junior Year</u> - 1 st semester – General Psychology (PSY 1010)	= 3
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credits	Computers in the Workplace (CPT 1250)	= 3
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credits	2 nd semester – Political Science (POL 1010)	= 3
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credits	Humanities Gen. Ed	= 3
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credits	<u>Senior Year</u> - 1 st semester – Humanities Gen. Ed	= 3
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credits	Diversity Gen. Ed	= 3
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credits	2 nd semester - Diversity Ge. Ed	= 3
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credits	All Year – Physics(Cupp) or Anatomy(Campbell)	= 4
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credits	CCP Statistics (Hempfling)	= 3
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credits	Total	= 31
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**Students could take similar courses at any public university in order to earn college credit towards a general 4 year degree. Students can also earn additional credit by taking AP English, AP Calculus, and AP Government

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
Energy Systems
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 & CAD Technology
Welding Technology

Transportation

Automotive Maintenance
Automotive Technology

Human Services Career

Teaching Professions
Cosmetology
Culinary Arts
Hospitality & Restaurant Services

Health Science

Medical Technology
Nurse Assisting (Sr. Only)

Engineering & Manufacturing

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. Students must show they can meet the competency scores set by the state of Ohio on both the Algebra I and the English II end of year tests.

In addition, students must also earn two of an available 12 state seals in order to graduate. The seals are: OhioMeansJobs Readiness, Industry Credential, College-Ready, Military Enlistment, Citizenship, Science, Honors Diploma, Seal of Biliteracy, Technology, Community Service, Performing Arts, and Student Engagement.

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

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.**

Jazz Band

Grades: 9,10,11,12

Prerequisite: Junior High Band or Band Director's approval

Jazz Band will further explore a student's skills on their instrument with more focus on Jazz related music and content including sight reading and impromptu playing.

Flags

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

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

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

Art I, #001

5 per week
Year

Grades: 9, 10, 11, 12
1.0 credit

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.

Art II, #002

5 per week
Year

Grades: 10, 11, 12
1.0 credit
Lab fee

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.

Advanced Art, #004

5 per week
Year

Grade: 11,12
1.0 credit
Lab fee

Prerequisite: Art II, 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. This course can be taken twice, both junior and senior year.

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.

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

<u>Computer Applications (CCP) #185</u>	5 per week	Grades: 9,10, 11, 12 0.5
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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.

FOREIGN LANGUAGE

<u>Spanish I, #077</u>	5 per week Year	Grades: 9, 10, 11, 12 1.0 credit
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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.

<u>Spanish II, #076</u>	5 per week Year	Grades: 10, 11, 12 1.0 credit
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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.

<u>Spanish III, #075</u>	5 per week Year	Grades: 11, 12 1.0 credit
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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.

<u>Spanish IV - #098</u>	5 per week Year	Grades: 12 1.0 credit
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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

Digital Health, #030.4

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

*****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.***

Digital Physical Education, #DC030.1

5 per week
Semester

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

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 aide procedures.

Lifetime Sports

5 per week

Grade 10, 11, 12

Semester

0.5 credit

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 pickleball. Each participant will need to have a bicycle to use for this course.

LANGUAGE ARTS

English I, #050.1

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, #050.2

5 per week

Grade: 10

Leipsic High School—Course Offerings 2020-21 School Year

Year 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, #050.3

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, #050.4

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, #050.5

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.

ENGLISH 111 (Owens), # OW.ENG111

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, 22 on ACT Reading OR a 250 on the Reading Accuplacer)

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. **If a student fails this course, they will be charged the college tuition of \$124.50.**

Journalism, #058

2-3 per week
Year

Grades: 10, 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: 10, 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.**

Viking Readers - #016

5 per week
Year

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

This course allows a high school student to mentor elementary students in grades K-3 to improve reading skills. You will follow daily lesson plans tailored for each student. You will interact with elementary students, peers, teachers and volunteers from the community. During your 30 minute time with your student, you will read a story, work on vocabulary, practice comprehension and play reading games to reinforce reading/phonics skills.

MATH

Basic Algebra, #040.1

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, #040.2

5 per week

Grades: 9, 10

Year 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, #040.3

5 per week Grades: 9, 10,11
Year 1.0 credit

Prerequisite: Algebra I

This 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, #040.4

5 per week Grades: 11, 12
Year 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, #040.5

5 per week Grades: 11, 12
Year 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.**

MATH 123 (Statistics) #UF.MATH123

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. **If a student fails this course, they will be charged the college tuition of \$124.50.**

Mathematical Modeling and Reasoning #040.6

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 #040.7

5 per week
Year

Grade: 12
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.

Math – Order of Classes

***Student’s math classes determined by previous math grades and classes completed**

<u>Grade</u>	<u>Option I (Must have received an “A” in Alg. I)</u>	<u>Option II*</u>	<u>Option III</u>
9	Algebra I	Algebra I	Basic Algebra
10	Geometry & Algebra II	Geometry	Algebra I
11	Adv. Math (and Stats)	Algebra II	Geometry
12	Calculus (and Stats)	Adv. Math and/or Stats	Math Modeling

*Students who would like to take Calculus their senior year must double up Geometry and Algebra II their sophomore year. However, you will only be allowed to do this if you received an “A” in Alg. I your freshman year.

SCIENCE

Physical Science / Physical Science Applied

5 per week
Year

Grades: 9, 10, 11, 12
1.0 credit

Main focus of this course is on basic chemistry and physics. This course is designed to prepare students to take chemistry and physics as juniors and seniors. Lab work is supplemented by lecture and homework. Algebra one is a pre / co requisite.

Biology

5 per week
Year

Grades: 10, 11, 12
1.0 credit

Prerequisite: Physical Science / P.S. Applied

The course is designed to provide the student with a general knowledge of life, nature, and man’s relationship with nature. Fields of biology such as cellular biology, genetics, ecology, botany, zoology and evolution will be discussed and supplemented with lab experiences.

Chemistry

5 per week
Year

Grades: 11, 12
1.0 credit

Prerequisite: B minimum in Algebra I and Physical Science, must take Algebra II in conjunction

This chemistry course expands upon topics first explored in physical science. This course provides a background in topics covered in an entry-level college chemistry course. Lab work is supplemented by lecture and homework.

Chemistry Applied, 5 per week Year Grades: 11, 12 1.0 credit

Prerequisite: Basic Algebra & Physical Science Applied

This course is designed for those students who took basic Algebra and Physical Science Applied. This course is a basic chemistry course that will provide the students with an opportunity to expand on topics that were covered in Physical Science Applied. Students will get a basic introduction to topics that include formulas and equations, stoichiometry, phases of matter, lab procedure, gas laws, solutions, and acid and bases.

BIO 201/L (Anatomy) #UF.201 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. If a student fails this course, they will be charged the college tuition of \$166.00.**

PHYS 250/L (Physics) #UF.250 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 that expands upon topics first explored in physical science. It covers Newtonian mechanics, energy, circular motion, fluid dynamics, thermodynamics and simple harmonic motion. **This is strongly recommended for college majors in the engineering, architecture, chemistry fields or medical fields such as pharmacy and pre-med. If a student fails this course, they will be charged the college tuition of \$166.00.**

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 Applied	1. Physical Science	1. Physical Science
2. Biology	2. Biology	2. Biology
3. Chemistry Applied	3. Chemistry	3. Chemistry
		4. Physics and/or

Anatomy

*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.

SOCIAL STUDIES

World History

5 per week
Year

Grades: 9,10,11,12
1.0 credit

Because of our always changing world, Civics includes a multitude of ideas. The class focuses on the time period from the Enlightenment to the present day in history, government, and economics. This class is to help prepare students for the world outside of school and is aligned to Ohio's social studies curriculum and Common Core skills.

American History

5 per week
Year

Grade: 10, 11, 12
1.0 credit

The main focus of this class is post-Civil War with most time spent in the 20th Century. Students also learn the basic foundations set forth in the Declaration of Independence and U.S. Constitution and learn of our Founders' love of political and economic liberty. The United States is a Blessed place to live and students will come to appreciate the sacrifices and hard work put forth by our ancestors to make our nation a reality.

HIS 111 (US History) #UF.111

5 per week
Year

Grades 10, 11, 12
1.0 high school credit

Prerequisite: at least a 2.5 or higher GPA and a 20 on the ACT. High-achieving sophomores could take this to replace the high school American History course.

This course is a comprehensive (Explorers to Today) survey of American history with a focus and depth much different than a normal high school history class. This is a college course and students will earn college credit through The University of Findlay. The class is writing, reading and research intensive. **If a student fails this course, they will be charged the college tuition of \$124.00.**

American Government

5 per week
Year

Grade: 11, 12
1.0 credit

American Government is a required social studies course involving the study of national, state, and local governments. In this course students will learn about the government and their place in it as citizens of the United States through study of the founding documents. The course also includes knowledge of current events through application of lessons from the past. Ohio social studies curriculum and Common Core skills are embedded.

AP American Government

Grades: 11,12

Pre-Requisites: score 3 or higher on American History or American Government EOC

AP American Government is an elective social studies course which will provide students with a study of government similar to what would be studied in a college introductory government course. Students will gain an analytical perspective of government through the study of the Constitution and its underpinnings, political beliefs and behaviors, mechanism of citizen involvement, institutions of national government, public policy, and civil rights and liberties. Because the class is from a more analytical standpoint, understanding reasoning behind why our government functions as it does will be stressed. This will require more critical thinking and writing in order to prepare for the AP American Government Exam which is required at the end of the course. With a high enough score on the AP exam, college credit may be awarded by the college you attend.

World War II

5 per week
Semester

Grades 11, 12
.5 credit

This course is designed as a comprehensive look at the most devastating war in the history of the world. This class will go into depth like no other history class offered at our school can. We will study every major aspect of the war including military, political, economic and social aspects. The U.S. and her Allies defended freedom against the Axis Powers and through their sacrifices countless millions have enjoyed the benefits of their freedom. We will also study the aftermath of World War II and its effect on conflicts that followed (ex. Cold War, Vietnam and Korean Wars). This class will allow students the time to digest the material and go into great depth, which will lead to long-term learning as we try to better understand “the greatest generation”.

Economics

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.

Electives

Career Search I

5 per week
Year

Grades: 9, 10
.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.

Nutrition

5 per week
Year Long

Grade 10, 11, 12
1.0 credit Lab fee

The good smells in the hallway come from this class! Learn about a variety of recipes, cooking methods, and wellness across your life through this class. **Cooking (and of course, eating) are a staple in this class.** Don't worry.... you do not have to be a chef from the start! But, by the time you leave, you will have an arsenal of easy recipes you can make!.

<u>Interior Design</u>	5 per week	Grades 10,11,12
	Year	1.0 Credit

This is a hands on class and is project based. Instead of taking notes, you will learn by doing. Some key projects we do are: creating logos on masks, designing your own water bottle, repurposing, creating a tiny house replica, and much more! This class will prepare you for interior design in college or give you an opportunity to express yourself. **This class counts as a fine art credit.... but, don't worry..... you do not have to be an artist to do well in this class!**

<u>College and Career Readiness</u>	5 per week	Grades 11,12
	Semester / Year	0.5 / 1.0 credit

Life after high school can be scary with a lot of unknowns. There are many pathways: college, a career, a trade school, or all of the above. **Learn which option is right for you.** By the end of the class, you will be prepared to get a job or go to college. Something we will do are: college visits, presentations from various career fields, learn about FAFSA / scholarships, apply for college (attendance is optional), create a resume, learn about dining etiquette with a tasty meal, and more. **If there is something YOU want to learn about, we can make that happen too! This is a student lead class.**

VOCATIONAL AGRICULTURE

<u>Agriculture, Food & Natural Resources</u>	5 per week	Grades: 8, 9, 10, 11, 12
	Year	1.0 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 8th & 9th graders.**

<u>Animal and Plant Science</u>	5 per week	Grades: 9, 10, 11, 12
	Year	1.0 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 9th graders.**

<u>Structural Engineering</u>	5 per week	Grades: 10, 11, 12
	Year	1.0 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 10th graders.**

Business Management for Agricultural

5 per week
Year

Grades: 10, 11, 12
1.0 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 11th graders.**

Ag Leadership

Grades 8,9,10,11,12
.25 credit

This will be a separate grade for FFA participation. Students who take an Ag course will have the option to participate in FFA. If a student chooses to be a member of FFA, they will earn a Pass/Fail .25 credit for their participation.

Construction Careers

Grades 11,12
Semester

5 per week
0.5 Credit

This course will focus on basic construction and woodworking skills, including learning how to safely use typical household tools. It will look at different careers within the trades field, conducting units on individual trades as requested by the students within the class.