

PLANNING MY FUTURE



**COURSE DESCRIPTIONS
FOR LIMA SENIOR HIGH SCHOOL**

UPDATED WINTER 2024

INTRODUCTION

The Course Description booklet has been prepared for you by the teachers, counseling staff and administrators of the Lima Senior High School. Read it thoroughly and decide what course of study will best suit your individual needs and interests to prepare you for a job or continuing your education. Please make thoughtful choices and decisions.

GENERAL INFORMATION

Planning your high school course of study requires yearly self-appraisal and goal-setting. You will find it to your advantage to try to plot your course for your entire four-year high school career. This will let you see exactly where you are in relation to where you wish to go in your future and help you make sure you have planned to meet the necessary prerequisites for the courses you wish to take or the post-secondary training program you wish to follow. It does not mean that you cannot make changes and adjustments in your year-to-year plan. It is simply a tool to help you organize your thinking about your future.

Lima Senior High School offers educational programs and options to meet your individual needs. A student should follow either a college preparatory course, career pathway or a career and technical course. You may also receive college credit through a variety of college credit plus classes. Sometimes it is possible to combine the best of all these worlds. Use the experience of your parents, teachers, and counselors to answer your questions and make suggestions.

COUNSELING SERVICES

The Counseling Department shares information regarding college requirements, college entrance tests (ACT and SAT), graduation requirements, and potential career choices. Your counselor will review your record and guide you in the process of determining classes. We encourage parents' participation to help you plan for your future. Counselors invite and welcome parent questions and visits throughout the year, but especially during the registration process. If there are any questions, the counselors are available by calling 419-996-3000.

REQUIREMENTS FOR GRADUATION

Required subjects must be taken during the school year in the stated sequence. If failed, consideration should be given to having these made up in summer school. Graduation has three required components:

Credits, Competency, and Readiness Seals

<u>Credits:</u>	English (9, 10, 11, 12).....	4.00
	Social Studies.....	3.00
	(Grade 9 - World History ~ 1.00 credit)	
	(Grade 10 - American History ~ 1.00 credit)	
	(Grade 11 - Government ~1.0 credit)	
	Science	3.00
	Mathematics.....	4.00
	(Grade 9 - Alg. I ~ 1.00 credit)	
	(Grade 10 - Geometry ~ 1.00 credit)	
	(Grade 11 - Alg. II ~1.0 credit)	
	(Grade 12- Choice)	
	Health.....	0.50
	College & Career Readiness (class of 2020 & beyond)	0.50
	Physical Education.....	0.50
	Business/Technology, Fine Art or Foreign Language	1.00
	Electives (Including Econ. and Financial Literacy, remainder of credits needed to reach 21	
	Senior Portfolio.....	1.00

GRADUATION: 21.00 credits and Senior Portfolio

Competency:

Earn a passing score on Ohio's high school Algebra I and English II test. Students who do not pass the test will be offered additional support and must retake the test at least once.

Three additional ways to show competency:

OPTION 1: 2 Career Focused Activities	OPTION 2: Enlist in the Military	OPTION 3: Complete College Coursework
Foundational (1) <ul style="list-style-type: none"> ● Proficient scores on WebXams. ● A 12-point industry credential. ● A pre-apprenticeship or acceptance into an approved apprenticeship program. Supporting (1) <ul style="list-style-type: none"> ● Work-based learning ● Required Score on Workkeys ● Earn Ohio Means Jobs Readiness Seal <p><i>*Each could come from Foundational, but min. of 1.</i></p>	Signed Contract	1 Math and/or 1 English

Readiness Seals:

Students must earn two readiness diploma seals (*one must be from the State list*)

STATE	
OhioMeansJobs Readiness Seal- <i>demonstrate work-readiness and professional competencies.</i>	Ohio
Industry-Recognized Credential Seal- <i>Earn 12 points</i>	Ohio
College-Ready Seal- <i>Score 18 in English, 22 in Reading, and 22 in Math on ACT</i>	Ohio
Military Enlistment Seal- <i>must enlist into US Armed Forces</i>	Ohio
Citizenship Seal- <i>score proficient on Am. History and Government EOC</i>	Ohio
Science Seal- <i>score proficient on Biology EOC</i>	Ohio
Honors Diploma Seal- <i>Academic or CTE Diploma</i>	Ohio
Seal of Biliteracy- <i>must show proficiency in ELA EOC and 1 of 6 possible foreign language assessments.</i>	Ohio
Technology Seal- <i>Earn a B or higher in CCP Technology Course</i>	Ohio

LOCAL	
Community Service Seal- <i>60 hours (9-12 grade) with approved organizations.</i>	Local
Fine and Performing Arts Seal- <i>4 HS Credits</i>	Local
Student Engagement Seal- <i>4 seasons/years of athletics or clubs</i>	Local

RECOMMENDATIONS FOR COLLEGE

If the plan for your future includes college, you must meet the necessary course requirements to be accepted by a college or university. Although college requirements vary somewhat, it is best to follow the college preparatory course as recommended by the Admissions Officers of Ohio state colleges:

English	4 units
Mathematics	4 units (Algebra I, II, Geometry)
Science	4 units (2 lab sciences)
Social Studies	4 units
Foreign Language	2 units (same language)
The Arts	1 unit

Please remember that these are the minimum requirements. Some programs may require more extensive preparation in specific subject areas. Check with your counselor and/or the university of your choice for additional information. Some of the factors that colleges consider in admitting students are:

- *successful completion of a college prep course of study
- *the student's grades and rank in class (grades 9-12)
- *scores on the SAT or ACT college entrance exams
- *recommendation from high school officials
- *End of Course Assessment Results

Our school counselors are readily available to provide more detailed answers on an individual basis. However, the college preparatory course as outlined above will offer each student a firm foundation for success in college.

NCAA ELIGIBILITY REQUIREMENTS (Subject to change by NCAA)

See your counselor **BEFORE** you register at www.eligibilitycenter.org.

Division I Academic Eligibility:

To be eligible to compete in NCAA sports during your first year at a Division I school, you must meet **ALL** the following requirements:

- Earn 16 NCAA-approved [core-course credits](#):
 - Four years of English.
 - Three years of math (Algebra 1 or higher).
 - Two years of science (including one year of lab, if offered).
 - One additional year of English, math or science.
 - Two years of social science.
 - Four additional years of English, math, science, social science, world language or nondoctrinal religion/philosophy.

- Complete 10 of your 16 NCAA-approved core-course credits, including seven in English, math or science, before the start of the seventh semester.
- Complete your 16 NCAA-approved core-course credits in eight academic semesters or four consecutive academic years from the start of ninth grade.
- Earn a minimum 2.3 core-course GPA.
- Submit your final transcript with proof of graduation to the Eligibility Center.

Division II Academic Eligibility:

To be eligible to compete in NCAA sports during your first year at a Division II school, you must meet **ALL** the following requirements:

- Earn 16 NCAA-approved [core-course credits](#):
 - Three years of English.
 - Two years of math (Algebra 1 or higher).
 - Two years of science (including one year of lab, if offered).
 - Three additional years of English, math or science.
 - Two years of social science.
 - Four additional years of English, math, science, social science, world language or nondoctrinal religion/philosophy.
- Earn a minimum 2.2 core-course GPA.
- Submit your final transcript with proof of graduation to the Eligibility Center.

See your counselor or visit www.eligibilitycenter.org for more information.

NAIA ELIGIBILITY REQUIREMENTS (Subject to change by NAIA)

See your counselor **BEFORE** you register at www.playnaia.org.

Two of the following criteria need to be met:

- Minimum test score of 18 ACT or 860 SAT (Critical Reading and Math sections only)
- Minimum high school GPA of 2.0 on a 4.0 scale
- Graduate in the top 50 percent of your class

See your counselor or visit www.playnaia.org for more information.

EDUCATIONAL OPTIONS

Educational options provide opportunities for student learning. Independent study, tutoring, travel, mentoring, correspondence courses, college courses, and other local options supplement the regular school program. Educational options must be approved by the Building Principal and follow Lima City School Board policy. A maximum of six credits may be applied to the credits required for graduation. No more than four of the six credits will be applied to the credits required for graduation in English, Health, Mathematics, Physical Education, Social Studies or Science. Fees will be established with payment upon beginning of option.

SUMMER SCHOOL

Students in grades nine (9) through twelve (12) who have administrative permission can attend summer school. Students may enroll in only those courses failed during the regular school year. A per course tuition fee will be assessed and paid in full at the time of registration. No student will be permitted to attend class until his or her tuition is paid in full. If there is a workbook fee, the workbook will not be issued until the fee is paid. A strict attendance policy exists in this program. In order to stay on track for graduation, students who fail courses in grades 9, 10, and 11, should attend this summer program.

CREDIT RECOVERY

Students in grades nine (9) through twelve (12) who have administrative permission can attend night school during Credit Recovery Sessions. Students may enroll up to four sessions during the regular school year. Courses will be provided through APEX and there will be no registration fee. A strict attendance policy exists in this program.

COURSE SELECTION

Once school selection and a course selection form have been verified, any changes will require a parent conference. Students are expected to pursue their selected programs for the entire school year. It should be noted that all courses are co-educational unless otherwise specified.

INTERIM REPORTS

At approximately 4 and a half weeks into each grading period, interim reports are sent to parents of all students. It is important that these notices be carefully observed in order to ensure students and parents are aware of each student's successes and/or difficulties as the student progresses toward graduation and post-secondary goals.

REPORT CARDS

The school year consists of two semesters. Each semester is divided into two quarters for reporting pupil progress to parents. Interim reports are issued to students at four week intervals through each of the semester marking periods. At the end of each quarter course grades will be reported to parents

LENGTH OF SCHOOL DAY

The Ohio Department of Education standards are as follows: "The official school day for pupils shall consist of not less than 5-1/2-clock hours for scheduled classes and supervised study." Supervised work-study programs are recognized as meeting these standards.

PREREQUISITES

In order to enroll in any course, a student must have met the requirements (prerequisites) for admission to that course. These are included in the description of the courses.

FEES

Certain laboratory or activity courses charge nominal fees for materials.

SCHEDULE CHANGES

Following the scheduling process, students or parents must make an appointment with the school counselor or administrator to meet and discuss the desired schedule change. Prior to the opening of school in August, schedule change requests are made according to the following conditions. *Note:* Any dropped class after two weeks will result in a Withdraw/Failure (WF).

REQUEST TO DROP A COURSE AND ADD ANOTHER:

- A. Changes will be made for the following:
 - 1. Obvious program error such as omission of required course.
 - 2. Failure of a subject last year and scheduled into advanced level without repeating course.
- B. Limited changes will be made:
 - 1. If the course requested is officially open.
 - 2. If the change has a positive effect on class size.
 - 3. If there is sufficient justification for the change.
- C. No class will be added after two weeks into the course for a year-long course.
- D. No class will be added after one week into the course for a semester course.

Students will not be permitted to drop a subject or change a course without parental permission.

LATE WORK POLICY

- Students will be eligible to receive full credit up to the due date of a homework assignment.
- Excused absences will extend the due date by an equal number of days.
- Following the due date, students will receive a one week "grace period" with an automatic -25% deduction (75% max credit) where they can still turn in the assignment.
- We will not accept late work following the one week "grace period" pending family, medical, or mental health emergencies.
- No work will be accepted for credit following the end of a quarter. (Example: If an assignment is given where the 1 week grace period carries past the quarter, there will not be an extension).

FIELD TRIP POLICY

For a student to attend a field trip, they may not have more than 1 failing grade and must be in good standing relative to attendance. This policy only applies to elective opportunities.

SCHOLARSHIP AND HONOR ROLL

Students who earn a minimum of a 3.00 GPA will be designated as Honor Students.

“A”	Honor Roll (no B-C-D-F grades)
“A-B”	Honor Roll (no C-D-F grades)
“3.00 GPA”	Honor Roll (no F grades)

GRADUATION

Students who wish to participate in graduation ceremonies shall complete requirements for a diploma including a minimum of 21 units of credit, passage of Senior Portfolio and reach competency and readiness through End of Course Exams prior to graduation. The student's school counselor will evaluate this each year and provide detailed information. All financial obligations must be met and all materials must be returned.

CLASS RANK

Class rank is computed for students after the completion of each semester in the 9th, 10th, 11th and 12th grades. Rank is based on a student's cumulative performance for work prior to the computation. Eight semesters determine the final rank through cumulative GPA

VALEDICTORIAN/SALUTATORIAN COMPUTATION

Beginning with the graduating Class of 2024, the method for determining class rank will use grade point average, strength of schedule and college readiness. The following formula will be used:

- GPA (G) 50%- Grade Point Average
- Coursework (W) 30%- CCP, Achievement, Advanced (max=16)
- Credits (C) 10%- Total high school credits obtained (max=32)
- ACT (A) 10%- ACT Composite Score (Best composite score through December Test)

Formula: $.5 (G=x/4.3) + .3 (W=x/16) + .1 (C=x/32) + .1 (A=x/36) = \text{Score } (\%)$

For the purpose of determining Valedictorian and Salutatorian, grades will be prorated through the midterm of the fourth estimate of the senior year.

The Class of 2024 and beyond eligible COURSEWORK will include:

- CCP+
- Achievement
- Advanced Courses

**This list will be modified on a regular basis through Curriculum Council approval.*

**For the purpose of class rank, total credits will be limited to thirty-two (32) credits.*

**For the purpose of class rank, total coursework will be limited to sixteen (16) credits.*

GRADUATION HONORS

Students will be honored at graduation if they have the following cumulative GPA through 15 quarters of work: 3.7500 - 4.0000 Summa Cum Laude (With Highest Honors)

3.5000 - 3.7499 Magna Cum Laude (With Great Honors)

3.2500 - 3.4999 Cum Laude (With Honors)

COLLEGE CREDIT PLUS (CCP+)

The College Credit Plus program provides high school students with the opportunity to receive both high school and college credit. Students and parents interested must attend a meeting in order to obtain the procedures, obligations, the effect of program participation on graduation requirements, athletics, and the social and academic responsibilities of the student and parents in the program. Each student and parent will receive a form, which shall be signed as an indication that they received the counseling required and understand the responsibilities they must assume in the College Credit Plus program. Interested students should contact your counselor. The student's intent must be submitted in writing prior to April 1st each school year.

The College Credit Plus program allows Lima Senior High School to offer high school and college credit to students on the campus of LSHS and by qualified LSHS faculty during the regular school day. It is open to students in grades 9-12. Additional requirements vary from school to school and program.

Students who wish to participate in the College Credit Plus Program off campus must express their intent and return required paperwork to LSH school counselors by April 1st as well. Failure to do so will make you ineligible to participate in the program.

If you fail a course under the College Credit Plus program you or your parents will have to pay the costs of the course.

The cost and eligibility requirements of the program vary depending on the University supplying the credit and the type of courses offered.

Enrollment takes place when registering for Lima Senior Classes.

UNIVERSITY OF FINDLAY

High School Course

Chemistry

College English Literature

College English Composition

American History

College Government

University of Findlay Course/Credit Hours

Basic Chemistry 111 and 111L (4 Credits)

Literature Appreciation English 150 (3 credits)

Composition English 104 (3 credits)

History 111 (3 credits)

Political Science 110 (3 credits)

RHODES STATE COLLEGE

Introduction to Business Applications (3 credits)

ATHLETICS, EXTRACURRICULAR ACTIVITIES & ELIGIBILITY

In order to participate in any athletics or extracurricular activities, students must have a 1.50 GPA based on the previous semester grades, 5 credits per semester at the time of play and/or meet all eligibility requirements as set forth by the Ohio High School Athletic Association. Advisors, counselors and administrators will assist students in meeting and understanding the eligibility requirements.

AMERICAN COLLEGE TEST (ACT)

This test is very important for college bound students because a large percentage of colleges require ACT test scores. Many organizations offering scholarships also use ACT scores as one basis for evaluating applicants. The test gauges academic achievement in English, mathematics, science reasoning, and reading. Each of these sections takes 35-60 minutes to complete. Students planning to take the ACT should register online far enough in advance of the testing date.

SCHOLASTIC APTITUDE TEST (SAT)

This test is administered through the Educational Testing Services (ETS) and measures verbal and mathematics abilities through a test lasting two and one-half hours and a test on standard English lasting one-half hour. This test is important because many colleges and universities offering scholarships use SAT scores as one basis for evaluating applicants. Students planning to take the SAT should register online far enough in advance of the testing date.

END OF COURSE EXAMS

Students will take a total of six end-of-course state tests. A score of 684 is required in Algebra I and ELA II to reach competency. Competency on Algebra I and ELA II are required for graduation. Proficiency in American History, American Government and Biology will earn students a State Readiness Seal in each content area.

End of Course Exams are:

- English II
- Algebra I and Geometry
- Biology
- American History and American Government

DIPLOMA WITH HONORS AS DESIGNATED BY THE STATE OF OHIO

To be awarded a diploma with honors, the student shall be required to meet all but one of the criteria listed in this paragraph for either the college preparatory or the career and technical education curriculum. A student shall not be required to meet more than the specified number of criteria, nor shall any student be required to meet any one specified criterion.

1. The student who completes the **high school academic** pathway shall meet at least seven of the following eight criteria:
 - a. Earn four units of English
 - b. Earn at least four units of mathematics which will include algebra I, algebra II, geometry and another higher level course for a four year sequence of courses that contain equivalent content
 - c. Earn at least four units of science including one unit of physics and one unit of chemistry
 - d. Earn four units of social studies
 - e. Earn either three units of one foreign language or two units each of two foreign languages
 - f. Earn one unit of fine arts

- g. Maintain an overall high school grade point average of at least 3.5 on a 4.0 scale up to the last grading period of the senior year or
 - h. Obtain a composite score of 27 on the American college test's ACT assessment (excluding the optional writing test) or a combined score of 1210 on the College Board's SAT verbal and mathematics sections (excluding the required writing section)
2. The student who completes an intensive **career-technical** education pathway in the high school shall meet at least seven of the following eight criteria:
 - a. Earn four units of English
 - b. Earn at least four units of mathematics which will include algebra I, algebra II geometry and another higher level course or a four year sequence of courses that contain equivalent content
 - c. Earn at least four units of science including two advanced sciences
 - d. Earn four units of social studies
 - e. Earn four units in a career-technical education program that leads to an industry-recognized credential, results in an apprenticeship or is part of an articulated career pathway, which can lead to post-secondary credit. If the student's program design does not provide for any of these outcomes, then the student must achieve the proficiency benchmark established for the applicable Ohio career-technical competency assessment or the equivalent
 - f. Achieve the proficiency benchmark established for the Ohio Career-Technical Competency Assessment or equivalent assessment aligned with state-approved and industry validated technical standards
 - g. Maintain an overall high school grade point average of at least 3.5 on a 4.0 scale up to the last grading period of the senior year or
 - h. Obtain a composite score of 27 on the American college test's ACT assessment (excluding the optional writing test) or a combined score of 1210 on the College Board's SAT verbal and mathematics sections (excluding the required writing section)

PERMANENT RECORDS - TRANSCRIPTS

A permanent record is maintained for each student. This record indicates academic grades, credits earned, standardized test scores, attendance figures and other vital information. When a senior student who is enrolled in Lima Senior High School needs a copy of this permanent record (a transcript) for a college application, a request must be made to the school counselor. Transcripts are mailed by the counselor secretary.

PLANNING YOUR FUTURE

The Lima Senior High School will all follow semester schedules. Students will be able to schedule their required courses and electives and be able to fulfill all Local and State requirements for graduation as well as four-year college and technical college requirements. Some students may enroll in classes that begin prior to the start of the normally scheduled school day or classes that are held after the normally scheduled school day if they wish to extend their educational opportunities.

It is extremely important that you and your parents communicate with your counselors, advisors and teachers and plan for each year in the high school that you attend to make sure you meet all requirements for graduation, college-prep requirements, career/technical requirements, NCAA requirements (Athletics), and or possibly honors diploma requirements.

The remaining pages of this booklet give you reference charts and course descriptions for you to make your plans. The first chart shows our required courses and slots for electives. The second chart serves as your 4-year planner showing local/State graduation requirements, career/technical college requirements, college prep requirements, honors diploma requirements, and NCAA Clearinghouse requirements. The third chart is the individual four-year planner.

COURSE OFFERINGS

For the purpose of identifying advanced coursework that will be counted as part of the Valedictorian/Salutatorian Computation, an asterisk (*) will be used.

ART

1 credit (Art, Music, Foreign Language, or Business) for Graduation

ART REGULAR PATHWAY: *To advance, students must pass the previous class and have teacher recommendation.*

9th grade:

Art I

10th grade:

Art II
Art I

11th grade:

Art III
Art II
Art I

12th grade:

Art IV
Art III
Art II
Art I

Art Achievement Parthway: 8th graders who took HS Art I in 8th grade and with teacher recommendations.

Art II

Art III

Art IV

Art V

Art I (601)

1.00 credit

Open to any grade level student. Art Survey is the entry level course for the high school program. It is designed to continue the broad and rigorous visual art experience of the middle and elementary schools. Students will be challenged to solve creative problems and demonstrate, through studio projects dealing with various social, historical, and cultural concepts, their ability to be skillfully expressive, through art forms such as drawing, painting, clay, and design.

Art II (602)

1.00 credit

Upon the successful completion of the Art I Survey Course (Grade of C or Higher) a student may elect to take the advanced Art II course offered to develop a deeper awareness of subject, theme, media, product, purpose, design, and style through various media. This class would be primarily open to 10th, 11th, & 12th-grade students. Prerequisite- C or better in Art I, or teacher recommendation.

Art III (603)

1.00 credit

This course is designed to challenge students to be independent thinkers and problem solvers through prescribed assignments with a variety of media and forms. Students will be required to approach these advanced studio problems through the cognitive and creative learning processes which fall under the categories of perceiving/knowing, producing/performing and responding/reflecting as specified in the fine arts content standards. Prerequisite – C or better in Art II, or teacher recommendation

Art IV (604)

1.00 credit

This course is designed to allow advanced Art students to use their depth of knowledge and creativity in art-making to explore ideas and concepts in their environment. Students will respond to a variety of topics and respond visually in diverse, 2 and 3 dimensional media. Prerequisite – C or better in Art III, or teacher recommendation

Art V (605)

1.00 credit

This course is designed to allow senior advanced art students to use their depth of knowledge and creativity in art-making to explore ideas and concepts in their environment. Students will work one-on-one with teacher to establish an individualized contract which will lead to the fulfillment of a diverse and effective visual arts portfolio, which may contain a variety of 2 and 3 dimensional media. Prerequisite – C or better in Art IV, or teacher recommendation

Studio Art (609)**1.00 credit**

Studio is designed for the student who requires time for in-depth presentation of projects developed independently and through the art program. Each individual will work on a one-to-one basis with the teacher with projects reflective of the student's specific course level. This course may be taken in the Early Bird/0 Period time slot, or whenever the student's schedule allows within the school day as an independent study. *Prerequisite* – C or better in Art I or teacher recommendation

Drama I (154)**1.00 credit**

This course will focus on performance techniques, theatre history around the world, design, and devising in order to provide an introduction to acting, design, production, history and literature. This course will address self-confidence, communication skills, creative problem solving, adaptability, leadership skills, body and self-awareness, responsibility, self-expression and other transferable skills.

Drama II (155)**1.00 credit**

This course will provide deeper learning opportunities for theatre students to connect, respond, create and perform theatre to develop lifelong skills such as building self-confidence, communication skills, creative problem solving, adaptability, leadership skills, body and self-awareness, responsibility, self-expression and other transferable skills. While Theatre 1 applied and assessed "Proficient" state Drama standards, Theatre 2 students will be held to the "Accomplished" state Drama standards and will be asked to take projects further than those students enrolled in Theatre 1. Drama II students will be asked to lead more of these activities and work on directing in addition to performing.

BUSINESS & COMPUTER TECHNOLOGY

1 credit (Art, Music, Foreign Language, or Business) for Graduation

Introduction to Business Applications (701) or (701CCP)**0.50 credit****College Credit Plus (CCP+) course**

This course introduces students to the world of business and helps prepare them for the economic roles of consumers, workers, and citizens in our society. This course examines how businesses work, how business impacts lives on a daily basis, and will assist students in consumer decision-making.

Library Science (190)**0.50 credit**

This course is designed to allow students who are interested in being library assistants to earn credit for their services to the library staff. Students will be responsible for assisting in the regular operation and management of the high school library. This includes checking of books, shelving books, and doing special projects. Library assistants will be tested on their knowledge of the Dewey Decimal Classification, location of books, and proper arrangement of books. *Prerequisite*: Teacher recommendation, interview, 2.0 GPA.

Spartan Tech (192)**0.50 credit**

This course is designed for students that have above average computer/technology skills and interest. The student should be self-motivated and creative. Students in this course will perform tasks that include producing video and web pages. Students will become proficient in some computer software programs. There is a limit of five students per section. Students desiring to take the course must submit an application to the instructor. An interview may also be required.

Contemporary Literature (193)

0.50 credit

Students will have the opportunity to read books that are currently popular. This course will be designed as a semi-independent study course; meaning the teacher will not sit with the students and direct discussion every day during class. Students will be expected to come to the library and spend their class time reading or working on the assigned book project. Students are required to read 5-7 books each quarter depending on the book size and approval of teacher.

Film Studies (126)

0.50 credit

Students of the 21st century take in information and entertainment in a variety of forms beyond the written word, a course in which they learn to not only passively absorb visual and auditory information, but actively analyze not only what is happening in the script, but also how that story is captured and told on film would be valuable additional to the curriculum. Film not only encompasses the literary analysis of plot, story structure, genre, and conflict, but also the analysis of portrayal, setting, and scene of drama studies, fine arts elements, including music, sound quality, photography and lighting, as well as its own cinematic elements of camera movement, editing, special effects, and cinematography; all of which affect how the viewer perceives and reacts to the work of art. Students would display their understanding of these concepts through class discussion, oral and written responses, reviews and analyses of the various films shown in class. As a final project, students would read a novel during the class, watch the film version of the story as the last film of class, apply what they have learned about film and film analysis, and respond to adaptation; comparing the two forms of art as their final exam.

ENGLISH

4 credits for Graduation

ELA PATHWAY:

9th grade:
English 9
English 9 w/Lab



10th grade:
English 10
English 10 w/Lab



11th grade:
English 11
Holocaust (Flex Credit)



12th grade:
English 12
Holocaust (Flex Credit)
Fair Tales
(if B average in English 11)

ELA ACHIEVEMENT PATHWAY:

9th grade:
Ach. English 9



10th grade:
Ach. English 10



11th grade:
CCP Composition



12th grade:
CCP Literature App.
Fair Tales

Achievement ELA Prerequisites: Good attendance (<5 absences per quarter), A/B average in previous grade Reading/Writing Courses (C average is acceptable if Achievement was taken previous school year), proficient score on ELA 8th grade state test, and recommendation from previous teacher.

English 9/10 Lab (131LAB)

1.0 credit

This course is designed for remedial study with emphasis on scaffolding Ohio's Learning Standards for English Language Arts.

English 9 (131)

1.0 credit

Through written composition and exposure to a number of literary forms, students will develop practical and critical thinking strategies as well as comprehension. Along with reading and writing, research, listening and speaking skills will be given attention. Practical and authentic writing opportunities will reinforce standard English. Select writing samples will become part of the senior graduation portfolio.

English 9 Achievement (132)*1.0 credit**

Like in English 9, students will be exposed to both written composition skills and a number of literacy forms. Students will develop practice in critical thinking strategies and engage in reading, writing, listening and speaking skills, and the presentation of projects. The literacy pieces and writing prompts will challenge the students to engage in analysis, synthesis, and evaluation and prepare them for post-secondary education.

English 10 (101)**1.0 credit**

This survey course emphasizes reading, writing and discussion in the various genres. Reading and writing are integrated to enable students to develop and use an expanding knowledge base for effective communication through reading, writing, listening, speaking and viewing various media. Students will develop and apply critical and analytical thinking strategies. Select writing samples will become part of the senior graduation portfolio.

English 10 Achievement (102)*1.0 credit**

The purpose of this course is to give the sophomore student practice in the development of higher level vocabulary, reading and writing skills so as to be prepared for the English dual enrollment Composition course junior year.

English 11 (111)**1.0 credit**

This course integrates writing with the study of literature in order to enable students to develop and use essential processes of effective communication. This study will enable students to construct meaning and apply critical and analytical thinking strategies through reading, writing, listening, speaking and viewing various media. Select writing samples will become part of the senior graduation portfolio.

***College English Composition 11 (University of Findlay) (124 CCP)** **1.0 credit**

The purpose of this course is twofold: the first is to prepare the student for senior College Credit Plus English Literature; the second is to prepare the junior student for college level thinking, discussion, writing and test taking requirements. Students are required to complete four major assignments per requirements of entry level college classes: narrative, analysis, argument and a multi-modal. Class readings focus on non-fiction reading and academic writing. Students should expect nightly reading assignments and work outside of the classroom. *Prerequisites:* Acceptance into the University of Findlay.

English 12 (122)**1.0 credit**

This course emphasizes reading, writing and discussion. Reading and writing are integrated to enable students to develop and use an expanding knowledge base for effective communications through reading, writing, listening, speaking and viewing various media. Emphasis will be on developing job and life skills. Students will also develop and apply critical and analytical thinking strategies. Students will be required to complete a research paper using proper MLA format. Select writing samples will become part of the senior graduation portfolio.

English 12/Fairy Tales (125)**1.0 credit**

This course will examine the genre of Fairy Tales and the evolution of these stories from the earliest written tales to contemporary stories. Students will grapple with complex texts, examine and analyze multiple versions of the same story, learn to think critically about the literature, and compile a research project based upon their own and other literary criticism of a chosen story or group of stories. Additionally, students will engage in an extended creative writing project where they will author their own fairy tale. This is a writing-intensive course designed to be taken in place of English 12 or as an elective for students enrolled in CCP English Literature. *Must be a senior in good academic standing, have earned at least a B in English 11 or CCP classes, and/or receive teacher recommendation to register for this course.*

***College English Literature 12 (University of Findlay) (121 CCP) 1.0 credit**

The English 12 Literature class is a college class taught at the high school level. Students are expected to enter the class having already mastered the skills of expository and analytical writing. Students will also be expected to read college-level texts with a minimum of difficulty. The class focuses on analyzing literature with the majority of the grade consisting of two major papers and a final. Students should expect nightly reading and/or writing assignments. *Prerequisites:* acceptance into the University of Findlay.

FOREIGN LANGUAGE

1 credit (Art, Music, Foreign Language, or Business) for Graduation

FOREIGN LANGUAGE PATHWAY:

9th grade:
French I ⇄

10th grade:
French II ⇄
French I ⇄

11th grade:
French III ⇄
French II ⇄
French I ⇄

12th grade:
French IV
French III
French II

9th grade:
Spanish I ⇄

10th grade:
Spanish II ⇄
Spanish I ⇄

11th grade:
Spanish III ⇄
Spanish II ⇄
Spanish I ⇄

12th grade:
Spanish IV
Spanish III
Spanish II

French I (501)

1.0 credit

Students will learn basic vocabulary, grammar, and conversation associated with the French language and culture. Multi-cultural diversity within our own country as well as other French speaking countries will be introduced and explored. A true appreciation of culture and language will be explored. *Prerequisite:* C or better in English or LSH FL Teacher

French II (502)

1.0 credit

Curriculum will focus on expanding the grammar, and vocabulary through writing, reading and speaking simple sentences and paragraphs. Students will further their study of French language and culture. *Prerequisite:* C or better in French I and LSH FL Teacher Recommendation

French III (503)

1.0 credit

Students will build on primary vocabulary and grammar previously learned to begin content reading, writing, and speaking skills. French literature and short stories will be introduced on a basic level. Class participation in speaking, reading, and writing is a requirement for this class. *Prerequisite:* C or better in French II and LSH FL Teacher Recommendation

French IV (504)

1.0 credit

Students will expand their vocabulary and fundamentals of grammar through conversation, writing and reading. Complex grammatical structures will be learned, with a focus on personal expression and elaboration of thoughts. Literary classics, history and art will be reviewed and discussed. Preparation for the college language placement test will be offered. *Prerequisite:* C or better in French III and LSH FL Teacher Recommendation

Spanish I (521)

1.0 credit

Students will learn basic vocabulary, grammar, and conversation associated with the Spanish language and culture. Multi-cultural diversity within our own country as well as other Spanish speaking countries will be introduced and explored. A true appreciation of culture and language will be explored. *Prerequisite:* C or better in English or LSH FL teacher recommendation

Spanish II (522)**1.0 credit**

Curriculum will focus on expanding the grammar, and vocabulary through writing, reading and speaking simple sentences and paragraphs. Students will further their study of Spanish and Hispanic culture. *Prerequisite:* C or better in Spanish I and LSH FL Teacher Recommendation

Spanish III (523)**1.0 credit**

Students will build on primary vocabulary and grammar previously learned to begin content reading, writing, and speaking skills. Spanish literature and short stories will be introduced on a basic level. Class participation in speaking, reading, and writing is a requirement for this class. *Prerequisite:* C or better in Spanish II and LSH FL Teacher Recommendation

Spanish IV (524)**1.0 credit**

Students will expand their vocabulary and fundamentals of grammar through conversation, writing and reading. Complex grammatical structures will be learned, with a focus on personal expression and elaboration of thoughts. Literary classics, history and art will be reviewed and discussed. Preparation for the college language placement test will be offered. *Prerequisite:* C or better in Spanish III and LSH FL Teacher Recommendation

HEALTH/PHYSICAL EDUCATION

0.5 Credit of Health and 0.5 Credit of Physical Education for Graduation

Exercise Science (812)**1.0 credit**

Exercise Science is the ability to understand the link of exercise, fitness, diet, and health. This field of study is used as an approach to understand how the human body adapts to exercise and to understand how the body reacts to physical inactivity.

Health (810)**0.50 credit**

Students will study various aspects of physical, mental, and social wellness, including functions of body systems, diseases and prevention, personality, relationships, nutrition, substance abuse, STDs, and components of first aid. An emphasis will be on making choices so as to promote wellness.

Physical Education (820)**0.5 credit**

Physical education teaches students the importance and value of a physically active lifestyle. There are a variety of benefits gained through physical education. Personal health, social skills, self-esteem, motor skills and knowledge base are areas that can be positively impacted. The physical education academic content standards ensure all students understand and use the acquired knowledge from physical education and apply it to daily life.

Physical Education (820)**0.25 credit**

.25 credit sections available for transfer students who earned .25 credit at their previous school

Physical Education Options (822)**0.50 credit**

A student may earn their Physical Education credit AFTER completing 2 seasons of sports, 2 years of Band, OR 2 years of Show Choir (Spartanaires).

Physical Fitness and Wellness I (824)**1.0 credit**

Prerequisites: Completion of Physical Education (820), 10th-12th graders, written recommendation from coach or Physical Education teacher. Individuals demonstrate the knowledge and skills to achieve and maintain a health-enhancing level of physical activity and fitness. This course requires students to participate regularly in strength and conditioning activities such as weight training, cardiovascular endurance activities, flexibility training, and sports specific skill development.

Physical Fitness and Wellness II (825)

1.0 credit

Prerequisite: Completion of Physical Fitness and Wellness I (824)

Individuals demonstrate the knowledge and skills to achieve and maintain a health-enhancing level of physical activity and fitness. This course requires students to participate regularly in strength and conditioning activities such as weight training, cardiovascular endurance activities, flexibility training, and sports specific skill development.

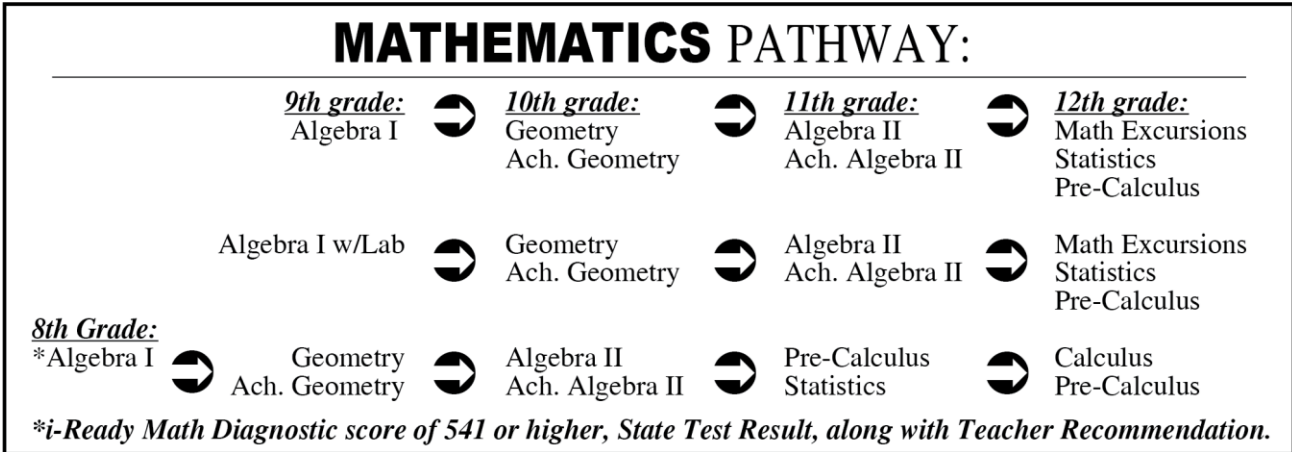
Physical Fitness and Wellness III (826)

1.0 credit

Prerequisites: Completion of Physical Fitness and Wellness I and II (824 and 825)

Individuals demonstrate the knowledge and skills to achieve and maintain a health-enhancing level of physical activity and fitness. This course requires students to participate regularly in strength and conditioning activities such as weight training, cardiovascular endurance activities, flexibility training, and sports specific skill development.

MATH
4 credits for Graduation



Integrated Math I (201)

1.0 credit

Open to Grade 9

The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. It is built on the algebra and geometry standards, and covers topics deepening and extending and deepening the understanding of linear relationships by applying linear models to data that exhibit a linear trend. Students also review the univariate data representations previously studied and then use statistical models for bivariate categorical and quantitative data.

Integrated Math II (202)

1.0 credit

Open to Grades 10. *Prerequisite:* Enrollment in Integrated Math I (201) previously

The fundamental purpose of this course is to continue to formalize and extend the mathematics that students learned in Integrated Math I (201). Continues to cover topics related to the algebra and geometry standards in deepening and extending the understanding of exponential, polynomial, and quadratic relationships by contrasting them with each other and by applying models to data that exhibit a trend, and students engage in methods for analyzing, solving, and using quadratic functions.

Integrated Math III (203)**1.0 credit**Open to Grades 11 *Prerequisite:* Enrollment in Integrated Math II (202) previously

The fundamental purpose of this course is to continue to formalize and extend the mathematics that students learned in Integrated Math II (202). Continues to cover topics related to the algebra and geometry standards in deepening and extending the understanding of exponential, polynomial, and quadratic relationships by contrasting them with each other and by applying models to data that exhibit a trend, and students engage in methods for analyzing, solving, and using quadratic functions.

Algebra I (211)**1.0 credit**

Open to Grades 9, 10, 11, 12

The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. It is built on the middle grades standards, and covers topics deepening and extending the understanding of linear, exponential, polynomial, and quadratic relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. Students also review the univariate data representations previously studied and then use statistical models for bivariate categorical and quantitative data.

Math Lab I (211LAB)**1.0 credit**

This course is designed to provide support and coincide with an Algebra I course. This class is not remedial and is to provide immediate support and intervention for students.

Geometry (220)**1.0 credit**Open to Grades 9, 10, 11, and 12. *Prerequisite:* D or better in Algebra I.

Prerequisite for 9th Graders: C or better in 8th grade Algebra I and passage of Math Placement Test

The fundamental purpose of the course in Geometry is to formalize and extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Units included in this course include Congruence, Proof, and Constructions; Similarity, Proof, and Trigonometry; Extension to 3-Dimensions; Connecting Algebra and Geometry through Coordinates; Circles; and Applications of Probability.

Math Lab II (220LAB)**1.0 credit**

This course is designed to provide support and coincide with a Geometry course. This class is not remedial and is to provide immediate support and intervention for students.

***Geometry Achievement** (221)**1.0 credit**Open to Grades 9, 10, 11. *Prerequisite:* C or better in Algebra I and passage of Algebra I EOC and teacher recommendation.

The fundamental purpose of the course in Achievement Geometry is to formalize and extend student's geometric experiences from the middle grades. As an accelerated course, students will have the opportunity to extend and apply their learning of traditional geometry concepts. It is designed for college bound students with a strength in mathematics in preparation for advanced math courses. In this course, students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Units included in this course include Parallel and Perpendicular Lines, Transformations, Triangle Congruence, Relationships in Triangles, Quadrilaterals and Other Polygons, Similarity, Right Triangles and Trigonometry, Coordinate Geometry, Two- and Three Dimensional Modeling, and Probability.

Algebra II (212)**1.0 credit**

Open to Grades 10, 11, and 12 *Prerequisite*: D or better in Algebra I and Geometry.

Building on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms.

Algebra II Achievement (213)*1.0 credit**

Open to Grades 9, 10, 11, 12. *Prerequisite*: C or better in Algebra I, Geometry, and passage of Algebra I EOC exam and teacher recommendation. Building on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. This is an accelerated course designed for college bound students with a strength in mathematics in preparation for advanced math courses.

Pre-Calculus (230)**1.0 credit**

Open to Grades 11 and 12 *Prerequisite*: C or better in both Algebra I, Geometry, and Algebra II.

Students review exponential, logarithmic and rational functions and study trigonometry including trigonometric identities, law of sines and cosines, trigonometric applications and solving trigonometric equations. This course extends that knowledge to include topics such as vectors, parametric and polar functions, probability, statistics and an introduction to limits and calculus.

Statistics (245)**1.0 credit**

Open to Grades 11 and 12 *Prerequisite*: C or better in both Algebra I, Geometry, and Algebra II.

A first course in the study of statistics and probability, topics covered in Statistics include elementary probability, measures of central tendency, graphs and many others. Applications are general in nature and exercises are included from business, economics, health, medicine, science, engineering, social science, education and general interest.

Math Excursions (215)**1.0 credit**

Open to Grades 11 and 12 *Prerequisite*: D or better in Algebra I, Geometry, and Algebra II.

Excursions in Modern Mathematics introduces the power of math by exploring applications like social choice and management science, showing that math is more than a set of formulas. This is an ideal course for answering the question, "When am I ever going to use this?!" Concepts include finances, patterns in growth, statistics, and mathematics in public affairs; such as voting paradoxes, polling data, and scheduling methods.

Calculus (240)*1.0 credit**

Open to Grade 12 *Prerequisite*: C or better in Pre-Calculus.

Course is designed to provide students with a beginning college-level course in Differential and Integral Calculus. Calculus includes the study of limits, derivatives, algebraic and transcendental functions, differentials, indefinite integrals, applications of derivatives and definite integrals, and methods of integration. This course is fundamental to the study of all advanced mathematics, science, and engineering.

MUSIC

1 credit (Art, Music, Foreign Language, or Business) for Graduation

CHOIR PATHWAY:

<u>9th grade:</u>	<u>10th grade:</u>	<u>11th grade:</u>	<u>12th grade:</u>
Spartan Singers	Spartan Singers	Spartan Singers	Spartan Singers
	Masterworks*	Masterworks*	Masterworks*
	Spartanaires*	Spartanaires*	Spartanaires*
Scarlet & Gray	Scarlet & Gray	Scarlet & Gray	Scarlet & Gray

**by Audition*

BAND PATHWAY:

	<u>9th grade:</u>	<u>10th grade:</u>	<u>11th grade:</u>	<u>12th grade:</u>
<i>1st semester</i>	Marching Band	Marching Band	Marching Band	Marching Band
<i>2nd semester</i>	Concert Band*	Symphonic Band	Symphonic Band	Symphonic Band
	Jazz Band	Jazz Band	Jazz Band	Jazz Band

** some freshmen may go directly to Symphonic Band based on director recommendation.*

ORCHESTRA PATHWAY:

<u>9th grade:</u>	<u>10th grade:</u>	<u>11th grade:</u>	<u>12th grade:</u>
Gray Orchestra*	Red Orchestra	Red Orchestra	Red Orchestra

** some freshmen may go directly to Red Orchestra based on director recommendation.*

Band (909)

1.0 credit

A performing ensemble, open to wind and percussion students in Grades 9-12. Focus is given to the development of basic musical skills through the study and performance of band literature. Several concerts are presented and required during the school year. Prerequisite: Placement in concert band or symphonic band by audition and by permission of instructor. Students must enroll in Marching Band, fall athletics negotiated by coaching staff.

Jazz Band (913)

1.0 credit

A select ensemble consisting of instruments that are characteristic of the “big band” era. Focus is placed on music of the swing era and the current jazz music. Open to grades 9-12. Students must be enrolled in Concert or Symphonic Band. Prerequisite: Placement by audition and permission of instructor.

Masterworks Choir (920)

1.0 credit

A select, mixed choir open to students in grades 10-12. The choir performs several required major concerts during the school year as well as a limited number of appearances. Emphasis will be on advanced choral masterworks from all styles and periods and advanced sight-singing and musicianship skills. Prerequisite: Placement by audition and director permission.

Scarlet and Gray (921)

0.5 credit

A mixed performing ensemble open to students in grades 9-12. The ensemble focuses on the music of the “Show Choir” idiom. The study of music from such areas as Broadway, movies, standard popular songs, and vocal jazz is offered. Focus will also be given to the addition of movement and/or choreography to enhance the overall performance. The choir performs several required major concerts as well as numerous required performances throughout the community during the school year. There is a uniform cost associated with this choir. Scheduled outside of the school day. Prerequisite: Placement by audition and permission of instructor. Fee required.

Spartan Singers (922)

1 credit

This choir is open to female and male students in grades 9-12, and provides for the development of basic musical skills through the study of choral literature from all periods of music. Development of sight singing, musicianship, and basic vocal techniques will be stressed. Participation in quarterly required performances outside the school day will serve as partial fulfillment of course requirements. No audition necessary.

Spartanaires (924)

0.50 credit

A select ensemble from Masterworks Ensemble offering the study and performance of choral music written especially for small group, chamber choir, a cappella, jazz and advanced choral ensembles. Numerous performances required throughout the school year. Scheduled outside of the school day. Prerequisite: Placement by audition and permission of instructor.

Orchestra (Gray- 954, Red-953)

1.0 credit

A performing organization, open to all string students in grades 9-12, providing a variety of musical activities. The study and performance of string orchestral literature representing all period and styles of music, will serve as a basis of instruction. Several major concerts are required during the school year. Prerequisite: Placement by audition into Red or Gray Orchestra & by director permission.

SCIENCE
3 Credits for Graduation

SCIENCE PATHWAY:			
<u>9th grade:</u> Physical Science ☺	<u>10th grade:</u> Biology ☺	<u>11th grade:</u> Any Science * ☺	<u>12th grade:</u> Any Science **
<p><i>* 11th grade may take any Science: Chemistry, College Chemistry, Astronomy, Oceanography, Physics, Botany/Zoo or Environmental. * Patient Care must take Anatomy</i></p> <p><i>** Recommend a 4th year Science if College Bound or Honors Diploma</i></p>			
SCIENCE ACHIEVEMENT PATHWAY:			
<u>9th grade:</u> Ach. Physical Science ☺	<u>10th grade:</u> Ach. Biology ☺	<u>11th grade:</u> Any Science * ☺	<u>12th grade:</u> Any Science **
<p><i>* 11th grade may take any Science: Chemistry, College Chemistry, Astronomy, Oceanography, Physics, Botany/Zoo or Environmental. * Patient Care must take Anatomy</i></p> <p><i>** Recommend a 4th year Science if College Bound or Honors Diploma</i></p> <p><i>8th grade requirements for Achievement: Good attendance, no discipline referrals, A/B in 8th grade science, score Proficient on Math, ELA and Science State Tests for grade 8.</i></p>			

Physical Science (400)

1.0 credit

This course will cover the essential basics of chemistry and physics. Topics include atomic theory, chemical reactions, chemical bonding, periodic table, forces and motion, nuclear reactions, waves and the properties of light and sound. Laboratory experiments are integral parts of the course. Students will learn to generate and test hypotheses using various pieces of equipment and by designing models to explain their hypotheses.

Physical Science Achievement (401)

1.0 credit

This course meets the same standards as Physical Science, but it covers the material more in depth. Students will complete more labs and hands on activities with higher expectations. The work is more strenuous and at a faster pace than Physical Science. Prerequisite: recommendation of 8th grade Science Teacher.

Biology (410)**1.0 credit**

The course is designed to familiarize the student with basic biological principles to enable them to be successful on the Biology end of course exam. By teaching a general understanding of life processes, Biology leads to a greater appreciation of life itself (genetics, heredity and evolution). Laboratory activities and visual aids will help the student interpret and apply concepts presented in the class. Prerequisite: successful completion of Physical Science.

Biology Achievement (411)**1.0 credit**

This course meets the same standards as Biology, but it covers the material more in depth. Students will complete more labs and hands on activities with higher expectations. The work is more strenuous and at a faster pace than Biology. Prerequisite: recommendation of physical science teacher, or successful completion of Physical Science and Algebra/Geometry.

Chemistry (421)**1.0 credit**

This course is a lab oriented, quantitative approach to chemistry. The structure and composition of matter, including the changes in composition which matter undergoes, is studied. Also, the course is designed to develop laboratory skills and techniques and to develop scientific appreciations, interests and attitudes. Grades 11 and 12 Prerequisite: successful completion of Physical Science, Biology, Algebra I and Geometry.

College Chemistry (419 CCP and 419 LAB CCP)*1.0 credit High School
4 credits College (CCP)**

This course is a dual enrollment chemistry course offered to those students who meet the University of Findlay requirements for entrance. Students must also have successfully completed Physical Science, Biology, Algebra I, and Geometry. This course follows the University of Findlay syllabus for chemistry. The course is strenuous and does have a required lab component.

Anatomy and Physiology (450)**1.0 credit**

This course is designed to allow the highly motivated student an in-depth study of the skeletal muscular, nervous, chemical control, digestive, reproductive, and excretory systems of the human body. Substantial laboratory work including the dissection of a fetal pig is performed. The course requires students to memorize large amounts of material in order to be successful. Prerequisite: successful completion of Physical Science and Biology

Oceanography (471)**1.0 credit**

This is a standards-based lab course. Students will be required to do dissections in this course. Students will study all aspects of the ocean from the physical aspects such as tides and waves that impact the individual ecosystems to the life forms that live in these ecosystems. They will study the interactions of the organisms with their environment and with each other. They will also investigate the impact humans are having on the ocean and what implications that might have in the future. Prerequisite: Successful completion of Physical Science and Biology

Zoology/Botany (472)**1.0 credit**

Zoology/Botany provides the highly motivated student a biological science focusing on the animal kingdom and the plant kingdom. Zoology will focus on the study of invertebrates and vertebrates. Botany will focus on a studying the various types of plants through a systematic comparison with an emphasis on classification and identification of plants. Prerequisite: successful completion of Physical Science and Biology

Environmental Science (483)**1.0 credit**

This course is designed to tie in concepts from earth science, chemistry, and biology with connections to government and sociology. Students will learn how materials cycle through the environment and how humans have both concentrated and dispersed chemicals around the globe and influenced these natural cycles. The geologic processes of the Earth and the reactions/interactions of living organisms are all tied together in this course. Prerequisite: successful completion of Physical Science and Biology.

Astronomy (470)**1.0 credit**

This course is designed to tie in astronomical concepts from physical science and middle school. Students will learn about how to view the night sky, telescopes, planets, stars, size of the universe, and many other astronomical concepts. Students will do many hands-on activities to make space more relatable and understandable to them. Prerequisites: successful completion of Physical Science and Biology.

Physics (431)*1.0 credit**

This course is designed to be the equivalent of the general physics course usually taken during the first year of college. The course follows an intense pace throughout the year. Abstract thinking and multiple step calculations are frequently encountered. Ideal for students interested in pursuing a science or health related major in college. Prerequisite: successful completion of Physical Science, Biology, Algebra I and Algebra II.

SOCIAL STUDIES

4 credits for Graduation

SOCIAL STUDIES PATHWAY:

<i>9th grade:</i>	<i>10th grade:</i>	<i>11th grade:</i>	<i>12th grade:</i>
World History	American History	Government	Economics (<i>Semester</i>)
Ach. World History	Ach. American History	CCP Government	Financial Lit (<i>Semester</i>)
	CCP American History		

* Full Credit Sociology offered via the CTAG/Social Studies partnership.

Electives Offered: Typically electives are reserved for 11th or 12th grade students based on student interest and course availability. 10th grade students have been able to take classes with a teacher recommendation from the 9th grade teacher. These courses include:

<i>Currently Offered Full Year</i>	<i>Currently Offered Semester</i>	<i>Not currently offered due to lack of enrollment in the class. Could be added if enough interest.</i>
Holocaust (Dual Credit with ELA)	Current Issues	Civil War (Full Year)
African American History	Street Law	Philosophy (Full Year)
Psychology	Sociology (Semester not previous enrolled in CTAG Soc)	World Geography
		Russian History

Modern World History (330)**1.0 credit**

This course examines world events from 1600 to the present. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires, the ideas that led to independence movements and the effects of global interdependence. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

Modern World History Achievement (331)*1.0 credit**

This course covers the same materials as World History 330, but adds a depth of knowledge and analysis that challenges those students who are ready for this type of material. Just like World History 330, this course examines world events from 1600 to the present. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires, the ideas that led to independence movements and the effects of global interdependence. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

Prerequisite: teacher approval.

American History (300)**1.0 credit**

This course examines the history of the United States of America from 1877 to the present. The federal republic has withstood challenges to its national security and expanded the rights and roles of its citizens. The episodes of its past have shaped the nature of the country today and prepared it to attend to the challenges of tomorrow. Understanding how these events came to pass and their meaning for today's citizens is the purpose of this course. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

American History Achievement (301)*1.0 credit**

This course covers the same materials as American History 300, but adds a depth of knowledge and analysis that challenges those students who are ready for this type of material. Just like American History 300, this course examines the history of the United States of America from 1877 to the present. The federal republic has withstood challenges to its national security and expanded the rights and roles of its citizens. The episodes of its past have shaped the nature of the country today and prepared it to attend to the challenges of tomorrow. Understanding how these events came to pass and their meaning for today's citizens is the purpose of this course. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. Prerequisite: teacher approval.

College American History (300 CCP) (College Credit Plus)*1.0 credit**

This course examines the same curriculum as Achievement American History and American History but at a deeper level. Lessons are more discovery based and focus on the use of primary sources to develop an understanding of the key components of the history of the United States of America from 1877 to the present. This is a college level class and will require college level work but with the extra guidance a high school teacher can offer that is not always available at the collegiate level. The course looks at how the federal republic has withstood challenges to its national security and expanded the rights and roles of its citizens. The episodes of its past have shaped the nature of the country today and prepared it to attend to the challenges of tomorrow. Understanding how these events came to pass and their meaning for today's citizens is the purpose of this course. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. Grade 10 – Prerequisite: teacher approval and passage of college placement test.

Economics (312)**0.5 credit**

This course explores the fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants. More specifically, it examines the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security.

Financial Literacy (1192)**0.5 credit**

This course is based on the curriculum Foundations in Personal Finance created by Dave Ramsey. This curriculum is to fully equip students with everything they need for a dynamic classroom experience focused on providing 21st century personal finance knowledge and skills in a student-centered, competency-based approach to learning.

Financial Literacy (1192CCP) (College Credit Plus)*0.5 credit**

This course provides students with a basic understanding of personal money management problems, consumer credit, personal insurance planning, security analysis, Medicare, Social Security benefits, etc. This is completed through the Budget Challenge project.

Government (311)**1.0 credit**

This course examines how the American people govern themselves at national, state and local levels of government is the basis for this course. Students can impact issues addressed by local governments through service learning and senior projects.

College Government (310CCP) (College Credit Plus)*1.0 credit**

This course examines the principles and evolution of the Constitution of the United States, as well as party politics and policy issues, in order to develop a fundamental working knowledge of the American form of government. Students in this CCP course earn credit for Government at University of Findlay in addition to their high school credit. The course is taught at a college level with the rigors and expectations that a college student should expect. Prerequisite: Grade 11 and teacher approval and passage of college placement test

African-American History (343)**0.5 credit**

This course is a review of African History, geography, and culture to emphasize the development of ancient African cultures. It also pursues an investigation of the Black experience in America, which will emphasize the contributions and continuing objectives of Black Americans.

Criminal and Civil Law (355)**0.5 credit**

A study of criminal and civil law with a special emphasis on the skills and knowledge needed to compete in mock court competitions.

Current Issues (353)**0.5 credit**

This course is an investigation into currently developing political, social, cultural events and global issues of importance to today's students and their world.

Geography (360)**0.5 credit**

This course builds on students' understanding of geography and spatial thinking. Contemporary issues are explored through the lens of geography. In addition to understanding where physical and cultural features are located and why those features are located as they are, students examine the implications of these spatial arrangements.

Sociology (370)**0.5 credit**

This course examines typical topics are changing attitudes and cultures, juvenile delinquency, minority and racial influences, religious groups, and human behavior.

Psychology (363)**1.0 credit**

This course is an introduction to the field of psychology. The student will come to understand what psychology is and how the mind works through study of memory, sensation, thought, emotions, learning and growth.

Holocaust (380)**1.0 credit**

This course will use history, literature, and the arts to teach students the valuable lessons of the Holocaust. The course begins with the rise of Hitler and works through the recommended topics given by the United States Holocaust Memorial Museum website. The class will end with an examination of the fight for human rights today reviewing other genocides in history and United Nations' *Universal Declaration of Human Rights*. Can be taken simultaneously with English 11 or English 12.

APPLIED EDUCATION

Special Education Supervisor Recommendation

Applied English 9 (1000)**1.0 credit****Applied English 10 (1101)****1.0 credit****Applied English 11 (1111)****1.0 credit****Applied English 12 (1122)****1.0 credit****Applied Fundamental Algebra - Year 1 (1209)****1.0 credit****Applied Fundamental Algebra - Year 2 (1210)****1.0 credit****Applied Geometry (1220)****1.0 credit****Applied Algebra II (1212)****1.0 credit****Applied Math Excursions (1215)****1.0 credit****Applied American History (1300)****1.0 credit****Applied World History (1330)****1.0 credit****Applied Economics (1312)****0.5 credit****Applied Financial Literacy (1059)****0.5 credit****Applied Government (1311)****1.0 credit****Applied Biology (1410)****1.0 credit****Applied Environmental Science (1483)****1.0 credit****Applied Physical Science (1400)****1.0 credit****Applied College and Career Readiness (1195A)****0.5 credit**

SELF-CONTAINED (SC)

Special Education Supervisor Recommendation

<u>English 9</u> (131SC)	1.0 credit
<u>English 10</u> (101SC)	1.0 credit
<u>English 11</u> (111SC)	1.0 credit
<u>English 12</u> (122SC)	1.0 credit
<u>Fundamental Algebra I</u> (210SC)	1.0 credit
<u>Fundamental Algebra II</u> (216SC)	1.0 credit
<u>Algebra I</u> (211SC)	1.0 credit
<u>Geometry</u> (220SC)	1.0 credit
<u>Algebra II</u> (212SC)	1.0 credit
<u>Math Excursions</u> (215SC)	1.0 credit
<u>Environmental Science</u> (483SC)	1.0 credit
<u>Physical Science</u> (400SC)	1.0 credit
<u>Biology</u> (410SC)	1.0 credit
<u>American History</u> (300SC)	1.0 credit
<u>World History</u> (330SC)	1.0 credit
<u>Government</u> (311SC)	1.0 credit
<u>Financial Literacy</u> (1192SC)	0.5 credit
<u>Economics</u> (312SC)	0.5 credit
<u>Life Skills</u> (1085)	0.5 credit
<u>Employability</u> (1086)	0.5 credit
<u>Study Skills</u> (1057)	1.0 credit

CAREER & TECHNICAL EDUCATION

Required (typically taken in 9th/10th):

College and Career Readiness (1195)

0.5 credits

In this course, students will develop effective learning strategies and skills to provide a strong foundation for successful lifelong learning. Throughout the course, students will research careers and occupations, review postsecondary admissions qualifications, develop interviewing skills and participate in internships. Additional topics will include principles and techniques of professionalism, networking, conflict-resolution, negotiation, leadership and entrepreneurship.

AGRICULTURAL AND OUTDOOR OCCUPATIONS

Students in this program will have the ability to work in our brand new state-of-the-art Agriculture Building and Greenhouse.. Students will learn about landscaping, farming, turf science, environmental science, and environmental systems management. They will do these things by working in a student run greenhouse and with authentic time with a farmer on a field of produce. They will get an education in park and rec management as well as wildlife management by taking care of onsite chickens, rabbits, and ducks.

Grade 10

Intro to Agricultural and Outdoor Occupations (2094)

.5 credits

Students will examine principles of food science, natural resource management, animal science and management, plant and horticultural science, power technology and bioscience. Students will examine the FFA organization and Supervised Agricultural Experience programs. Throughout the course, students will develop communication, leadership and business skills essential to the agriculture industry.

Vocational Agriculture I (2091)

3.0 credits

Students will study the mechanical principles utilized in animal and plant production systems. They will identify, diagnose and maintain small air-cooled engines and learn critical components of personal safety as well as communication and leadership skills. Students will study ergonomic systems as well as the business management of an agricultural system. Students will also study the economic principles related to food and natural resources.

Vocational Agriculture II (2092)

2.0 credits

Students will examine elements of business, identify organizational structures and apply management skills while developing business plans, financial reports and strategic goals for new ventures or existing businesses. They will examine economic principles related to agriculture, food, and natural resources.

AUDIO ENGINEERING

Students in this program will have the ability to work in our two new state-of-the-art recording studios. Students will learn music theory, music recording and production. They will use programs like ProTools and Logic for recording as well as creating their own audio for music, videos and a number of other areas.

Grade 10

Intro to Audio Engineering (2030)

.5 credits

This course will give you a basic understanding of beat making, recording techniques, Digital Audio Workstations (Pro Tools), and media production. Recording technology has become much more affordable and attainable in recent years. Entry level hobbyists and recording enthusiasts now have the ability to produce high quality recordings without the financial investment that was previously required. This course is designed to give entry level students basic skills and knowledge to pursue their dreams in the realm of audio and media production.

Audio Engineering I (2021) (2031)

2.0 credits

Students will learn the basics of audio and video. They will also learn the business side of media. Topics include marketing, branding, producing, promoting, booking, budgeting and merchandising.

Audio Engineering II (2032) (3032)

3.0 credits

Students will compare and contrast how sound alone and sound combined with visuals can entertain, inform and initiate action. They will record, edit mix and produce voice and music for airwaves, podcast and/or internet. Students will also put music theory and basic music skill into practice as they engineer sound for live and recorded production.

AUTOMOTIVE TECHNOLOGIES

Automotive Technology gives students the opportunity to learn the fundamentals of auto repair. Students learn mostly through hands-on learning while working on customer cars in the on-site auto repair shop. At the completion of the 2-year program, students are eligible to take the test to become certified in Maintenance and Light Repair through the NATEF certification board. Students are eligible to receive college credit at the end of the 2-year program for various sections.

Grade 10

Intro to Automotive Technology (2019)

0.5 credit

Introduction to Automotive Service gives students the opportunity to learn the fundamentals of the automotive repair industry. In this course, students will focus on an IAS online certification course as well as hands-on skills in the lab. Students will engage in lab activities involving maintenance, brakes, steering, suspension, and electrical systems. These life-long skills will benefit students in any entry level automotive service position as well as maintaining their own vehicles. IAS is offered to sophomore level students as a semester class.

Automotive Technologies I (2010) (2020) (2021)

3.0 credits

Focus during the junior year will be on applying skills needed to inspect and perform general service on vehicles as well as inspecting and adjusting and repair of internal combustion engines and drivetrain. Students will learn to identify customers' needs, determine labor rates and create estimates.

Automotive Technologies II (2022) (2023)

2 credits

Students will diagnose and repair vehicle electrical systems, including chassis electrical, charging, starting and lighting systems. Students will also focus on auto braking, suspensions and steering systems.

BUSINESS, MARKETING & FINANCE

Business, Marketing & Finance gives students the opportunity to learn the fundamentals of marketing a product. Students learn about business law, business communication, customer relations, and entrepreneurship. Students learn in a hands-on setting via simulations at DECA competitions or during the required internship portion of the class. Students are eligible to receive college credit at the end of the 2-year program for various sections.

Grade 10

Intro to Sports/Entertainment Marketing (1137)

0.5 credits

This is the first course in the Marketing career field. It introduces students to the specializations offered in Marketing. Students will obtain fundamental knowledge and skills in marketing communications, marketing management, marketing research, merchandising and professional selling. They will acquire knowledge of marketing strategies, market identification techniques, employability skills, business ethics and law, economic principles and international business. Technology, leadership and communications will be incorporated in classroom activities.

Grade 10

Intro to Travel and Tourism Marketing (1138)

0.5 credits

The Travel and Tourism Marketing course will introduce sophomore students to the basic principles of marketing (marketing mix, the functions of marketing, promotional mix, etc.) within the travel and tourism industry. This focus will include developing an understanding on how marketing influences the travel industry and consumer buying/booking behavior. Students will explore various marketing techniques, content creation, strategies and tools used to promote destinations within the travel industry.

Grade 10

Introduction to Business Applications (701) or (701CCP)

0.5 credits

This is the first course for the Business and Administrative Services, Finance and Marketing career fields. It introduces students to specializations within the three career fields. Students will obtain knowledge and skills in fundamental business activities. They will acquire knowledge of business processes, economics and business relationships. Students will use technology to synthesize and share business information. Employability skills, leadership and communications and personal financial literacy will be addressed.

Business, Marketing & Finance I (2060)

2.0 credit

Students take the Business Foundations course which covers topics including management, marketing, business operations, advertising, employability and customer service. Included in this course is Financial Foundations/Personal Finance where students have the opportunity to receive CCP credit while also meeting the graduation requirement. If achieved, students will not be required to take Personal Finance their senior year. Students will incorporate motivational theories, branding techniques and design principles in communications with targeted audiences. Technology, employability skills, leadership and communications will be incorporated into classroom activities.

Business, Marketing & Finance II (2058) (2059)

3.0 credit

Students take Strategic Entrepreneurship, where they generate, screen and develop new product ideas. They will predict economic trends and conditions and determine how cultural intelligence can impact organizations. Students will also take Financial Services where they will explore further into the world of finance, including careers, marketing, business operations, financial institutions and operations. Technology, employability skills, leadership and communications will be incorporated in classroom activities. Students will determine what to buy, when to buy, how much to buy, and from whom to buy products for resale. Students who successfully complete these courses will also receive college credit for Strategic Entrepreneurship.

Business, Marketing & Finance Capstone (2061)**1.0 credit**

Students will apply knowledge, attitudes and skills that were learned in a Marketing program in a more comprehensive and authentic way in this capstone course. Capstones often include project/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through community partnerships, students may combine classroom learning with work experience. This course can be delivered through a variety of delivery methods including cooperative education or apprenticeship.

CONSTRUCTION TRADES

Construction Trades gives students the opportunity to learn the fundamentals of construction from estimating a job to building the finished product. These students spend a large part of their day throughout the community helping with building and repairing various structures to learn mostly through hands-on activities. Students are eligible to receive college credit at the end of the 2-year program for various sections.

Grade 10

Intro to Construction Trades (2033)**.5 credits**

This class designed to continue the introduction to all areas covered in the construction technology program including, but not limited to, wood working, metal working, drafting, design, communication, and concrete applications. Students are exposed to many activities that will help develop skills and safety habits that will allow them to advance to the next level of ConstructionTechnology class. There is a class fee that covers steel toed boots and safety glasses.

Construction Trades I (2047) (2048)**3 credits**

Students will learn principles in basic safety (10-hr OSHA), construction math, hand and power tool identification and operation, blueprint reading, material handling, communication and employability skills. An emphasis will be placed on safe and green construction practices. They will also be introduced to materials, methods and equipment used in carpentry and masonry.

Construction Trades II (2050) (2051)**2 credits**

Students will learn procedures and techniques required for layout and framing of walls and ceilings, including roughing-in door and window openings, constructing corners and partitions; bracing walls and ceilings; and applying sheathing. The course will also address applications of interior and exterior finish work.

EARLY CHILDHOOD EDUCATION

Early Childhood Education offers the students the opportunity to learn the fundamentals of childcare via classroom learning, simulations, and actual hands-on experiences in various child care settings. Students are first aid and CPR trained. At the end of the 2-year program students are eligible to receive college credits for various sections.

Grade 10

Intro to Early Childhood Education (2074)**.5 credits**

Students will examine the goals of education and training as well as environments in which education and training are delivered. They will identify learners' and stakeholders' roles, rights and responsibilities in educational systems; assess legal and ethical issues related to education; and determine careers of interest in education and training. Employability skills and state requirements for becoming an educator will also be addressed.

Early Childhood Education I (2070) (2071)**2 credits**

Students will establish and maintain a physically and emotionally safe and healthful environment for young children and learn skills in first aid and CPR, identify signs and symptoms of common health issues and diseases, and develop meal and snack menus appropriate for young children of different ages and stages of development. Students will also create and maintain safe, healthy, responsive learning environments for infants and toddlers.

Early Childhood Education II (2072) (2073)**3 credits**

Students will develop age-appropriate learning experiences and curriculum to engage young children. They will determine curricular goals, create lesson plans, and employ observation and assessment strategies to evaluate children's growth and development. Students will apply developmentally appropriate techniques to advance learners' social and emotional growth. Conflict resolution, positive discipline and behavioral-modification techniques will be emphasized throughout the course.

ENGINEERING TECHNOLOGIES

Ignite is the online educational programming that students will complete in this new state-of-the-art engineering building. Students will be using simulation activities on electrical, hydraulic, and robotic systems like the Fanuc Robot. Students will be designing and creating 2D and 3D products through product design software. Students will be able to earn up to 26 SACA credentials, and college credit in various sections of the course.

Grade 10

Intro to Engineering Principles (2042)**0.5 credit**

This course will introduce students to fundamental engineering concepts and scientific principles associated with engineering design applications. Topics include mechanisms, energy, statics, materials and kinematics. Additionally students will learn material properties and electrical, control and fluid power systems. Students will learn to apply problem solving, research and design skills to create solutions to engineering challenges.

Engineering I (2043) (2044)**3.0 credit**

Students will learn the production processes applied across manufacturing operations. Students will be able to demonstrate a broad array of technical skills with an emphasis given to quality practices, measurement, maintenance and safety. In this course, students will be introduced to all aspects of computer-integrated manufacturing. They will learn about robotics and automation, manufacturing processes, computer modeling, manufacturing equipment and flexible manufacturing systems. Students will learn the principles and practices of machine operation and machine applications.

Engineering II (2045)**2.0 credits**

The focus will be on the application of the engineering design process. Students will use 2D and 3D modeling software to help them design solutions to solve proposed problems. Additionally, students will interpret industry prints, and create working drawings from functional models. Emphasis is given to experimental problem solving in real systems. Students will apply the knowledge and skills to program, safely operate, and troubleshoot industrial Robots. Students will learn the physical and mechanical principles of both hydraulic and hydrostatic operating units.

CULINARY ARTS

Culinary Arts offers students the opportunity to learn fundamentals of the food industry. Students get hands-on-experience operating The Spartan Inn Restaurant during the 2-year program. The students prepare a variety of dishes from delicious homemade desserts to full-course buffets. Prostart and Serve Safe certificates are available if criteria is met. Students are eligible to receive college credit for various parts of the 2-year program.

Grade 10

Intro to Culinary Arts (2084)

.5 credits

Introduction to Culinary Arts is a course designed to introduce students to fundamental food preparation terms, concepts, and methods in Culinary Arts where laboratory practice will parallel class work. Fundamental techniques, skills, and terminology are covered and mastered with an emphasis on basic kitchen and dining room safety, sanitation, equipment, maintenance and operation procedures. Course also provides an overview of the professionalism in the culinary industry and career opportunities leading into a career pathway to Culinary Arts.

Culinary Arts I (2080) (2081)

3 credits

The junior year will introduce students to culinary arts, food service operations, lodging, travel and tourism. Students will obtain knowledge of customer service principles and apply safety and sanitation techniques to prevent and control injuries, illnesses and diseases in the workplace. Students will also provide table and beverage service; maintain eating areas, meeting spaces and serving stations; manage online reservations and orders; and monitor table turns, wait lines and table assignments.

Culinary Arts II (2082) (2083)

2.5 credits

Students will prepare food products and beverages according to standardized recipes. They will apply playing and presentation principles to deliver attractive menu items, establish food specifications and prep lists, and develop ingredient and portion control guides. Students will also apply food-science principles to prepare and bake breads, desserts and pastries. Personal safety, food safety and equipment safety will be emphasized.

GRAPHIC COMMUNICATIONS

Graphic Communications offers students the opportunity to learn the fundamentals related to printed media. Emphasis is placed on the use of the graphic design software to generate text, graphics and photos to create digital media for use in newsletters, flyers, display ads, forms, manuals, brochure and screen printing. Students learn mostly through hands-on, classroom-based production experiences. Students are eligible to receive college credit at the end of the 2-year program for various sections.

Composition Yearbook (170)

1 credit

This course will be a comprehensive study of all aspects of yearbook publication. Skills will be developed in design, layout, copywriting, use of computer, theme, photography, advertising, and sales. This class requires out of class work and students are expected to be responsible, work well independently, and be highly motivated. All students will be required to write and to participate in fundraising. Credit toward the Student Engagement Seal can be earned yearly. Open to ALL STUDENTS – Including Freshmen.

Grade 10

Introduction to Graphic Design (1129)

0.50 credit

This course will introduce the student to the graphic design industry using computer design. The students will build skills using multiple computer software to create presentation packages including posters, newsletters, logo design, picture editing, etc.

Graphic Communications I (2053) (2054)

2.0 credits

Visual design takes the form of charts, drawings, boxes and more. Students will acquire basic knowledge of today's role of graphics in communication industries. Focusing on the consumer, students analyze products and create their own designs for critique. They learn how safety, deadlines, teamwork and ethics relate to the work. Students will also create designs for two-or three-dimensional products.

Graphic Communications II (2055) (2056)

3.0 credits

Students analyze customer preferences to determine product creation, production and delivery. From a four-color vehicle wrap to a spot varnish that adds spark to an annual report cover, students learn techniques to enhance product uniqueness in the graphic arts industry. Students will also focus on manipulating images for final output through print and Web-based production. Students obtain a brief perspective on analog image editing and delve into the world of editing digital photos, illustrations and other artwork

PATIENT CARE TECHNOLOGY

This program offers students the opportunity to learn the fundamentals of health care. Students learn through class work, hands-on simulations, and actual time spent at a variety of health care settings such as nursing homes, hospitals and doctors' offices. Students are eligible to receive First Aid and CPR certificates as well as their state tested Nurse Aide certificate. Students are eligible to receive college credit at the end of the 2-year program for various sections.

Grade 10

Intro to Patient Care (3030)

.5 credits

Students will receive an overview of the opportunities available in the healthcare industry. They will learn fundamental skills in effective and safe patient care that can be applied across a person's lifespan. They will also be introduced to exercise science and sports medicine, the field of biomedical research and the importance of managing health information

Patient Care Technology I (2035) (2036)

3.0 credits

The junior year will provide students an overview of the opportunities available in the healthcare industry. Students will learn fundamental skills in effective and safe patient care that can be applied across a person's lifespan. They will also be introduced to exercise science and sports medicine, the field of biomedical research and the importance of managing health information. The students will apply knowledge and clinical skills necessary to assess, plan, provide, and evaluate care to patients in varied healthcare settings.

Patient Care Technology II ((2038) (2039)

2.0 credits

Students will apply nursing skills needed to assist individuals in meeting basic human needs. Students will implement interventions following a nursing assistant plan of care. Students will collect patient's vital signs including temperature, pulse rate, respiration rate, and blood pressure. They will also focus on the applications of the rules for constructing and defining medical terms with an emphasis on building a working medical vocabulary.

WELDING

Welding gives students the opportunity to learn the fundamentals of various welding processes which include GMAW, SMAW, GTAW, OAV-OAC, and PAC. Students learn in a hands-on setting. Students are eligible to take a test to become ASW certified in certain welding areas. Students are eligible to receive college credit at the end of the 2-year program for various sections.

Grade 10

Intro to Welding (2018)

.5 credits

This course provides an introduction to welding fundamentals and safety awareness. Students will learn to use a variety of welding tools. They will also learn how to select the proper equipment needed for various fabrication tasks, how to utilize proper techniques for cutting metal, and how to perform the fundamental operations of welding, including setting up machines, striking an arc, and running a bead. This class will primarily focus on basic T-joint fillet welds. Safety and personal protective equipment (PPE) will be emphasized in all aspects of setup and execution throughout the course.

Welding I (2025) (2026)

3.0 credits

Students will use the Gas Metal Arc Welding process (GMAW) to join various types of metal. They will cut metals using oxy-fuel processes and perform multiple types of welds and joints in all positions up to and including overhead. Students will apply quality control factors to evaluate weld quality. Students will also be able to use the Shielded Metal Arc Welding process (SMAW) to join various types of metal.

Welding II (2027) (2028)

2.0 credits

Students will be able to safely use the Flux Cored Arc Welding process (FCAW) to join various types of metal. They will perform multiple types of welds in all positions up to overhead. They will select the appropriate type of cored electrode and adjust welding equipment based on the physical characteristics and properties of the metal. Students will apply their understanding of quality control factors to evaluate the quality of welds. Students will also use the Gas Tungsten Arc Welding process (GTAW) to join various types of metal.

SKILLS X TRAINING

This program exposes students to a variety of occupations in the area. Students will gain experience in the hospitality, building and grounds and the food service industry. The teacher will spend time on the training site assisting the business in training the student.

Prerequisite: recommendation from the coordinator.

Skills X I (1185) **3.0 credits**

Skills X II (1186) **3.0 credits**

Students in this program will spend four days a week at various job site locations. These students will work beside the employees of the specific facility learning entry level job skills. This opportunity is geared toward helping students learn basic employability skills such as how to get a job, how to keep a job and how to build business relationships. Students will spend every Wednesday in the classroom completing the required academic curriculum. Recommendation of Sophomore Instructor and School Counselor required for admission into the program.

