General Information

GRADUATION REQUIREMENTS

Class of 2021 and 2022
In addition to earning the required 21 credits, students must meet one of the following pathways to show readiness for pursuing the college path or entering the workforce.

1. Students must earn a cumulative passing score of a minimum of 18 points, using seven end-of-course state tests. The seven end-of-course tests are:

Algebra I or Integrated Math I	American Government
Geometry or Integrated Math II	American History
English I	Biology
English II	

Each test score earns you up to five graduation points. You must have a minimum of four points within the math tests, four points within the English and six points across science and social studies. Your school district receives grades on the Ohio School Report Cards for all students' scores and participation on state tests.

2. Industry credential and workforce readiness - Earn a minimum of 12 points by receiving a State Board of Education-approved, industry-recognized credential or group of credentials in a single career field and earn the required score on WorkKeys, a work-readiness test.

3. College and career readiness tests - Earn remediation-free scores in mathematics and English language arts on either the ACT or SAT. For all high school juniors, the remediation-free scores set by Feb. 1 of their junior year will be used to meet their graduation requirements.

You can also meet the new requirements for the graduating classes of 2023 and beyond by demonstrating competency and readiness for a job, college, military or a self-sustaining profession. Please refer to the next section for further explanation.

Class of 2023 and Beyond:
In addition to earning the required 21 credits, students in the graduating classes of 2023 and beyond must fulfill the following requirements:

1. Show competency: Earn a passing score on Ohio's high school Algebra I and English II end-of-course tests. Students who do not pass the test will be offered additional support and must retake the tests at least once. Is testing not your strength? After you have taken your tests, there are three additional ways to show competency:

    a. Option 1: Demonstrate Two Career-Focused Activities: Foundational, Supporting
    -*Foundational:* Proficient scores on WebXams A 12-point industry credential A pre-apprenticeship or acceptance into an approved apprenticeship program
    -*Supporting:* Work-based learning Earn the required score on WorkKeys Earn the OhioMeansJobs Readiness Seal
    b. Option 2: Enlist in the Military

c. Option 3: Complete College Coursework - Earn credit for one college-level math and/ or college-level English course through Ohio's free College Credit Plus program.

2. Show readiness: Students must earn two diploma seals, choosing those seal options that best line up with your goals and interests. At least one of the two must be Ohio-designed. The seal options are:

OhioMeansJobs Readiness Seal (Ohio)	Honors Diploma Seal (Ohio)
Industry-Recognized Credential Seal (Ohio)	Seal of Biliteracy (Ohio)
College-Ready Seal (Ohio)	Technology Seal (Ohio)
Military Enlistment Seal (Ohio)	Community Service Seal (Local)
Citizenship Seal (Ohio)	Fine and Performing Arts Seal (Local)
Science Seal (Ohio)	Student Engagement Seal (Local)

Please contact your School Counselor or Principal for additional information.

CREDIT REQUIREMENTS

English	4 Credits
Math	4 Credits[1]
Science	3 Credits[2]
Social Studies	3 Credits[3]
Physical Education	½ Credit
Health	½ Credit
Electives	6 Credits[4]

[1] Mathematics units include 1 unit of Algebra II and one course higher than Algebra II.
[2] Science units must include 1 unit of Physical Science, 1 unit of Life Science, and 1 unit of advanced study in one or more of the following sciences: Chemistry, Physics, or other Physical Science; Advanced Biology, Botany/Ecology, Anatomy and Physiology, or other Life Sciences; Astronomy, Physical Geology, or other Earth and Space Science; or Forensic Science.
[3] Social Studies must include 1 unit of American history (heritage), 1 unit of World History, and 1 unit of American government.
[4] Electives units must include one or any combination of Foreign Language, Fine Arts, Business, Career-Technical Education, Family and Consumer Sciences, Technology, Agricultural Education or English, Language Arts, Mathematics, Science or Social Studies courses not otherwise required.. All students must earn at least ½ credit in Economics and Financial Literacy during grades 9-12 and must complete at least two semesters of Fine Arts taken any time in grades 9-12. Students following a career-technical pathway are exempt from the Fine Arts requirement.

DIPLOMAS

Bucyrus High School offers both the regular diploma and the Diploma with Honors. For students to earn a regular diploma, they must successfully complete the required curriculum of Bucyrus High School as adopted by the local board of education. Students wishing to earn a Diploma with Honors from Bucyrus High School must successfully complete the required curriculum of Bucyrus High School as adopted by the local board of education and complete a college-preparatory curriculum that fulfills all but one of the following criteria.
All courses need to be college preparatory in nature.

Academic Honors Diploma

a. four units of honors English.
b. four units of math, including Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course OR a four-year sequence of courses that contain equivalent content
c. four units of honors science, including Physics and Chemistry
d. three units of social studies (including Financial Literacy).
e. three units of foreign language, or no less than two units of two world languages studied.
f. 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.
h. obtain a composite score of 27 or higher on the American College Testing (ACT) test or an equivalent composite score of 1280 or higher on the Scholastic Assessment Tests (SAT).

Arts Honors Diploma

a. four units of honors English.
b. four units of honors math, including Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course OR a four-year sequence of courses that contain equivalent content
c. four units of honors science, including Physics and Chemistry
d. four units of social studies.
e. three units of foreign language, or no less than two units of two world languages studied.
f. four units of fine arts.
g. 2 additional elective units with a focus in 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.
h. obtain a composite score of 27 or higher on the American College Testing (ACT) test or an equivalent composite score of 1280 or higher on the Scholastic Assessment Tests (SAT).
i. Complete a field experience and document the experience in a portfolio specific to the student's area of focus.
j. Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts.

Career Tech Honors Diploma (must meet all but one):

1. Earn four units of English
2. Earn at least four units of mathematics which shall include Algebra I, Geometry, Algebra II (or equivalent), and another higher level course, OR a four-year sequence of courses which contains equivalent or higher content
3. Earn at least four units of science, including two advanced sciences
4. Earn four units of social studies;
5. Earn two units of one world language
6. 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 postsecondary 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;
7. Obtain a composite score of 27 or higher on the American College Testing (ACT) test or an

equivalent composite score of 1280 or higher on the Scholastic Assessment Test (SAT) or score 6 or higher in Workkeys assessments (Reading for information and Applied math).

8. 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

9. Complete a field experience and document the experience in a portfolio specific to the student's area of focus.

10. Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts.

11. Students must earn an approved industry-recognized credential or achieve a proficiency benchmark for the appropriate Ohio Career-Technical Competency Assessment or equivalent

PLANNING YOUR SCHEDULE

1. Students may not have more than 1 study hall per semester.
2. No student may have more than 2 teacher aide periods per year.
3. A full-time student is expected to take a minimum of 6.0 credits per year. The exceptions are students in the CCP program.
4. Students may not retake courses for credit or to increase their GPA.
5. There must be enough students enrolled to justify holding a class. This decision is at the discretion of the administration.

CHANGE OF SCHEDULE

1. The deadline for all course changes is five school days into the semester unless otherwise announced.
2. Students may not change their schedules or add/drop courses without completing the Schedule Change Request Form.
3. Changes after the first week of the school year must be approved by the counselor and/or principal.
4. The penalty for dropping a class after five school days into the semester is zero credit for the year and an "F" figured into your cumulative grade point average. If the school counselor and the principal feel that dropping a course is necessary, and in the student's best interest, the penalty may be waived.

REPEAT COURSES

When repeating coursework, the original grade and credit will not be removed from the student transcript. Repeat coursework will be used as an elective credit. Students who elect to repeat a course for credit will be subject to all academic standards and behavioral responsibilities outlined in the course just as are all other students enrolled in the course for the first time. Students who have passed a course but wish to take it over for a better understanding of the content may apply to take the course using the class audit policy. All class audit policy rules will apply to the student who is granted permission to repeat.

COURSE FEES

Students are required to pay fees in some Pioneer Career Center satellite courses. The fee money is used to pay for materials, workbooks, etc.used by the students in those courses.

Some course fees may be required for Bucyrus Secondary courses. Fees can be assessed for class fees, lost books, materials, and/or damaged equipment.

COLLEGE PREPARATORY CURRICULUM "MINIMUM CORE"

The following list of core courses is the bare minimum that must be taken by students to be considered as a college preparatory curriculum. It is extremely important for students to understand that without these core courses their guaranteed, unconditional acceptance into college cannot be assured.

English (Honors)	4 Units
Math (Honors Algebra, Honors Geometry, Honors Algebra II recommended)	4 Units
Science	3 Units
-Emphasis on laboratory courses...i.e. CP Biology, Chemistry, Physics, etc. A fourth year of science is highly recommended.	
Social Studies	3 Units
Foreign Language	2 Units
-Note: This is not required but is strongly encouraged. Must be two units of the same foreign language.	
Arts (Visual or Performing)	1 Unit

OHIO ASSESSMENTS

END OF COURSE EXAMS

All students will take end-of-course exams in the following courses:
Algebra I, Geometry, American Government, American History, English I (Class of 2021 and 2022), English II, and Biology.

ATHLETIC ELIGIBILITY

In order to be eligible in grades 9-12, a student must be currently enrolled and must have been enrolled in school the immediately preceding grading period. During the preceding grading period, each student must have received passing grades in a minimum of five (5) one-credit courses or the equivalent, each of which counts toward graduation. The Bucyrus Board of Education prohibits students from participating in interscholastic extracurricular activities if they have less than a 1.0 grade point average on a 4.0 scale in the previous grading period. Failure to comply with the grading period eligibility results in ineligibility for the following grading period **UNLESS** each student who has a G.P.A. 1.0 - 1.99 in the previous grading period and less than a 2.0 at the midterm of the current grading period attends the academic intervention described below. Failure to comply with the grading period eligibility results in ineligibility for the succeeding grading period. Summer school grades earned may not be used to substitute for failing grades from the last grading period of the regular school year. Semester and year-long grades have no effect on eligibility. Students are also subject to drug and alcohol screenings (refer to athletic code of conduct).

Any High School or Middle School student/athlete with a 1.0 – 1.99 G.P.A. shall participate in an academic intervention program. The academic intervention program will consist of at least one hour/week study table for each subject wherein the student received a grade lower than a C. The athletic director will check grades at the midterm of each quarter to determine whether a student will come off academic intervention, be required to continue, or be added to the academic intervention. Intervention will be assigned and monitored on the recommendation of the administration.

ELIGIBILITY CENTER AND ATHLETIC SCHOLARSHIP/ELIGIBILITY INFORMATION

A central clearinghouse will certify your athletic eligibility for Division I and II. If you intend to participate in Division I or II athletics as a college freshman, you must register and be certified by the NCAA Initial Eligibility Clearinghouse. The criteria used to determine your eligibility by the NCAA involves your grade point average, the courses you take in high school, and your scores on either the ACT or the SAT. It is important that you get a copy of these NCAA Clearinghouse rules as a freshman if you have any desire of participating in sports at the Division I or II level in college. It is the individual student's responsibility to make sure he/she is taking courses that the NCAA accepts as core courses. Approved courses are designated with **NCAA** beside the course name. You may register online at www.EligibilityCenter.org This guide will provide up to date requirements for eligibility concerning core courses, ACT/SAT and Grade Point Average.

NAIA Athletic Scholarship/Eligibility Information

To be eligible to receive a scholarship from and/or be eligible for intercollegiate competition at an NAIA Institution, a student-athlete must meet any two of the following three criteria:

1. Attain a composite score of at least 18 on the ACT or an SAT score of 740. **The ACT and SAT scores must be on a single test. The best scores from more than one test cannot be combined as they can in determining NCAA eligibility.
2. Attain an overall 2.0 GPA for ALL COURSES taken in high school.
3. Graduate in the top one-half of your senior class.

Junior College or Two Year College
Scholarship/Eligibility Information

Normally, the only requirement is that you have a valid high school diploma. If you are interested in a Junior College or 2-Year College, you need to talk to them about that institution's specific requirements.

ADDITIONAL EDUCATIONAL PROGRAMS

College Credit Plus (CCP)

Ohio's new College Credit Plus can help you earn college and high school credits at the same time by taking college courses from community colleges or universities. The purpose of this program is to promote rigorous academic pursuits and to provide a wide variety of options to college-ready students. Taking a college course from a public college or university within the College Credit Plus program is free. That means no cost for tuition, books or fees. If you choose to attend a private college or university, you may have limited costs. Students must meet eligibility requirements to participate.

Anticipated Schedule

Fall 2020:
PSY1100, General Psychology (M/W time to be determined)
ENG1000, English Comp. I (Friday/blended time to be determined)

Spring 2021:
PSY2100, Human Growth & Development (M/W time to be determined)
*Optional ENG1100, English Comp. II (Friday/blended time to be determined)

MATH 1150: Calculus (5 Semester Hours); Tuesday/Thursday
Calculus students must meet North Central State's qualifying entrance score to take CCP credit. Students may elect to take calculus for high school credit only.

VIRTUAL LEARNING ACADEMY/EDUCATIONAL OPTIONS

The Bucyrus Board of Education affirms that an effective educational program is one that provides opportunities for student learning both within the classroom and, for specific reasons, beyond the traditional classroom and school day. These expanded opportunities are viewed as educational options to supplement and, sometimes, to supplant the regular school program.

The intent of educational options is to allow educators, other professionals, parents and others to work together to provide opportunities for students to learn in an independent or individual setting and to study or work with recognized experts in specific fields. Educational options are seen as curricular opportunities to improve, expand, and enrich student learning experiences and perspectives.

Independent study, tutoring, travel, monitoring, correspondence courses, and college courses are representative, but not all-inclusive, of what the board views as educational options supplementing the regular school program.

When initiated, educational options must adhere to these criteria:

1. The parent(s)/guardian(s) must provide written approval for students under eighteen (18) years of age to participate. A copy of the written approval must be retained in the school files. Students eighteen (18) years of age or older must submit a written request to participate. This request will be kept on file in the office of the principal.
2. An instructional plan that contains written measurable objectives must be submitted to and approved by the superintendent or his/her designee.
3. The instructional plan will include an outline specifying major instructional activities and identifying materials, resources, facilities, and equipment needed to achieve instructional objectives.
4. Promotion and retention decisions, for students participating in an option as a substitute instructional plan, will consider pupil performance relative to the objectives of the option.
5. The instructional plan will include a written plan for the evaluation of student performance.
6. In tutorial programs and programs of independent study, a certificated teacher will provide both the instruction and evaluation of students. In all other cases, including correspondence courses, a certificated teacher will provide only the evaluation of student progress.
7. The instructional plan will include a written plan, including a timeline for the evaluation of the educational option. Continuance of the option will be determined by the results of evaluation.
8. Principals, other administrators, counselors and teachers shall take a proactive stance in being alert to the possibilities of implementing educational options that may provide a beneficial learning experience for students.

Fees will be established as needed for education options. Participating students will be expected to pay fees upon beginning the option. Attendance for all four years grades 9-12 is important to attain the full benefit from the educational programs offered at Bucyrus High School. Therefore, all students shall be scheduled for the full instructional day for all four years. Exceptions may be made to accommodate placement into college courses, vocational programs, or other "educational options opportunities."

COURSE CURRICULUM

ART DEPARTMENT

Students who intend to take any of the art courses must be aware that Art is a subject that requires a certain amount of skill and talent. The higher the level of the course, the greater the talent and skill required. Those students who have demonstrated ability in art in previous courses and who have an interest in art are strongly encouraged to take the appropriate level of art course.

Art I 2D Course Number: 698S
Prerequisite: None Grade: 9-12
Credit: ½
This semester course provides instruction in the essential fundamentals of drawing, painting, and printmaking, as well as composition through application of the elements and principles of design and an introduction to art history and art analysis. Students will also experience other mediums that will be used in future levels of 2D art. Students will be asked to keep a weekly sketchbook.

Art I 3D Course Number: 699S
Prerequisite None Grade 9-12
Credit: ½
This semester course provides instruction in the essential fundamentals of ceramics, sculpture, and stained glass, as well as composition through application of the elements and principles of design as well as an introduction to art history and art analysis. Students will also experience other mediums that will be used in future levels of 3D art. Students will be asked to keep a weekly sketchbook.

Drawing Course Number: 702S
Prerequisite: Art I 2D Grade: 10-12
Credit: ½
These drawing courses build upon prior knowledge with an emphasis on developing a great understanding of art and application of the Elements of Art and Principles of Design. Specific Projects will be assigned with an emphasis given to design and craftsmanship.

Drawing 1 and 2
Students in Drawing 1 and 2 will be introduced to the basic skills and techniques of drawing and composition. Subject matter will be in the form of nature, still life, the human model and imagination. Students will engage in learning experiences that encompass art history, art criticism, aesthetics, and production, which lead to creation of portfolio-quality works. Students will be asked to keep a weekly sketchbook.

Drawing 3 and 4
Students in Drawing 3 and 4 will further refine skills learned in Drawing 1 while emphasizing the development of individual style. Students will be asked to keep a weekly sketchbook. Students will engage in learning experiences that encompass art history, art criticism, aesthetics, and basic matting and framing techniques in preparation for the Arts Festival. Students will be asked to keep a weekly sketchbook.

Ceramics Course Number: 704S
Prerequisite: Art I 3D Grade: 10-12
Credit: ½
These ceramic courses build upon prior knowledge with an emphasis on developing a greater understanding of art and application of the Elements of Art and Principles of Design. Specific Projects will be assigned with an emphasis given to design and craftsmanship.

Ceramics 1 and 2
These courses will have a focus on learning basic hand-building and throwing techniques to create both functional and experimental two- and three-dimensional clay forms. Students will also be introduced to a variety of different cultures and artists. Students will be asked to keep a weekly sketchbook.

Ceramics 3 and 4
Advanced Ceramics builds upon prior knowledge, while developing creativity, craftsmanship, and design skills. Use of design elements and principles will be used while exploring ceramics techniques, clays, glazes, and firings. They explore surface treatment relating to form, variety in ceramic materials, and loading and firing kilns. Staging and general set-up for the Arts Festival will also be a part of this course. Students will be asked to keep a weekly sketchbook.

Theater Set Design Course Number: 706S
Prerequisite: None Grade: 10-12
Credit: ½
Students will concentrate on the major areas of theatre technology including, production, design, construction, and performance. Students will learn how to design sets, scenery, lights, sound, and learn about the responsibilities and roles for Stage Management, Production Manager, and House Manager. Some afternoon and evening work is required in addition to in-class production work. Students will acquire behind-the-scenes stage experience through the production of the spring musical.

Photography Course Number: 707A
Prerequisite: Art 1 2D Grade: 10-12
Credit: ½
Digital Photography is a semester course that focuses on understanding the basic operations and functions of a digital single lens reflex camera and the manipulation of its settings to achieve a specific result. Students will learn about photographic elements of art and principles of design, composition and lighting. They will explore the history of photography, learning about its scientific and technological developments, important innovators in the field, and relevance within diverse cultural contexts. Students will write and speak about aesthetic, technical and expressive qualities in a photograph learning to critique their own and others work Students will learn image techniques and digital manipulation using Adobe Photoshop and Lightroom, teaching them how to archive, organize and optimize their photographs for print or web purposes Students will learn how to manage and creatively alter digital images as well as critically analyze the use of visual media as a means of communication in our society today. They will be provided a greater level of autonomy, expected to pursue their own interests and develop an individual voice. Students will explore the significance of photography within the larger context of the art word, and learn about the critical and varied application it has to the modern working world.

Stained Glass Course Number: 709
Prerequisite: Art 1 3D Grade: 10-12
Credit: ½
These stained glass courses build a knowledge of basic techniques and design with an emphasis on developing a great understanding of art and application of the Elements of Art and Principles of Design. Specific Projects will be assigned with an emphasis given to design and craftsmanship. Students will also keep a sketchbook where they will keep designs, write down notes, and do research on stained glass techniques, movements, and artists.

Stained Glass 1 and 2
These beginning stained glass courses will focus on the development of three-dimension projects that encompass the elements and principles of art. Students will create stained glass pieces while learning the process of designing and cutting out a pattern, cutting, grinding, and foiling glass, and also soldering and framing those pieces together to make a finished piece. Students will also be asked to keep a weekly sketchbook that will include notes on project, designs for projects, and research on stained glass techniques, movements, and artists.

Stained Glass 3 and 4
Advanced Stained Glass builds upon prior knowledge, while developing creativity, craftsmanship, and design skills. Use of design elements and principles will be used while exploring new stained glass techniques. They will challenge themselves with more advanced patterns and ways to attach pieces. In addition, they will be learning how to stage their work for the Arts Festival. Students will be asked to keep a weekly sketchbook. Students will also be asked to keep a weekly sketchbook that will include notes on project, designs for projects, and research on stained glass techniques, movements, and artists.

ELECTIVES

Transitions
Prerequisite: Teacher Placement Course Number:
Credit: ½ Grade 9-12
This course will provide students with additional intervention support in mathematics, English, and college/career readiness. Students will work on strategies to facilitate successful transitions from school to postsecondary goals. The teacher will work with students and parents on transition planning, and monitor progress towards earning a high school diploma.

Succeeding in the World of Work Course Number:
Prerequisite: None Grade: 10-11
Credit: ½
This course introduces high school students to project-based learning to teach essential skills for success in the workplace. Essential skills would include: experience in rigorous academic content, developing technical skills, finding a job, preparation for the workplace, life skills, and lifelong learning.

Tools for Workplace Success Course Number:
Prerequisite: None Grade: 10-11
Credit: ½
This course will provide students with essential skill introduction through scenario-based modeling and

application of workplace decision-making processes, using the skills employers most commonly require from their employees as defined by the Department of Labor's workplace competency models.

ENGLISH DEPARTMENT

English I Course Number: 021
Prerequisite: None Grade: 9
Credit: 1
This course addresses basic vocabulary, grammar, reading, research, and writing skills. The students will be presented with a wide variety of literary forms and experiences with the writing process.

Honors English I NCAA Course Number: 011
Prerequisite: Teacher Recommendation Grade: 9
Credit: 1
This course addresses vocabulary, grammar, reading, research, and writing skills for the academically motivated student on an accelerated level. Honors English I places emphasis on clear, concise, organized, correctly written communication. **This course will have a minimum of 5-10 hours of homework weekly**.

English II Course Number: 022
Prerequisite: English I Grade: 10
Credit: 1
In English II, students will study the basic elements of literature and improve reading ability through a variety of poems, short stories, novels, and informational/technical texts. Students will study English grammar and the writing process with an emphasis on organization and structure.

Honors English II NCAA Course Number: 012
Prerequisite: Honors English I Grade: 10
Credit: 1
This course is a continuation of Honors English I and is designed to further improve reading and writing skills and to challenge students to appreciate literature and communicate on a deeper level. **This course will have a minimum of 5-10 hours of homework weekly**.

English III Course Number: 023
Prerequisite: English II Grade: 11
Credit: 1
This course presents a chronological survey of American literature and includes a variety of persuasive and expository writing assignments (including a research paper), vocabulary, and grammar skills. The course will also address critical reading and writing skills.

Honors English III NCAA Course Number: 013
Prerequisite: Honors English II Grade: 11
Credit: 1
This course presents a chronological survey of American literature and includes a variety of higher-level persuasive and expository writing assignments (including a research paper), vocabulary, grammar, and preparation for the PSAT and ACT. This course will challenge students to read critically and analyze literature on a deeper level. **This course will have a minimum of 5-10 hours of homework weekly**.

English IV Course Number: 024
Prerequisite: English III Grade: 12
Credit: 1
In English IV, students will develop critical thinking skills through exposure to challenging reading material. Students will study writing and speaking in order to present themselves intelligently and professionally. **Students must successfully complete a research paper as a requirement for graduation.**

Honors English IV NCAA Course Number: 014
Prerequisite: Honor English III Grade: 12
Credit: 1
This course focuses on British literature and is designed to teach students to read critically and analyze literature on a deeper level and write a variety of challenging assignments, **including a major research paper that students must complete for graduation. This course will have a minimum of 5-10 hours of homework weekly**.

COLLEGE CREDIT PLUS (Courses Subject to Change)
Fall Semester 2020
ENG 1000: English Composition I Course Number:
Prerequisite: College Readiness Score Grade: 7-12
Credit: 1
In this composition course, you will write themes and essays based on your own experience. This class includes an analysis of the formality needs of Standard English, the study of effective organization and style, the analysis of writing for logic and reason, and a strong concentration on developing clear and concise writing skills. Online specifications: All assignments, including the midterm and final, are to be completed online. This course is part of the Ohio Transfer Module (OTM) and approved to transfer to any state college or institution. 3 credit hours. Prerequisites: OIS1220 or OIS 1240 or concurrent and qualifying score on placement assessment test. Ohio Transfer Module (OTM) Course [TME001].

PSY 1100: General Psychology Course Number:
Prerequisite: College Readiness Score Grade: 7-12
Credit: 1
This class is an introduction to theories and techniques used by psychologists for describing, explaining, predicting and influencing human behavior. Topics covered include learning, cognition, intelligence, motivation, emotion, personality and abnormal behavior. Also, available ONLINE: Completely online except for make-up tests must be proctored. 3 online tests over 3 separate units. Must be able to complete discussion board forums and submit assignments via CANVAS. 3 Cr Hrs. Course Requirement(s): None. Ohio Transfer Module (OTM) Course [TMSBS]; and, Ohio TAG Course [OSS015].

Spring Semester 2020
ENG 1100: English Composition II Course Number:
Prerequisite: College Readiness Score Grade: 7-12
Credit: 1
As a continuation of English Composition I, students will expand their knowledge through reading, thinking, and writing assignments. Through essay writing, students will demonstrate their ability to analyze and evaluate ideas and integrate those ideas into their own writing. Students will engage in writing both independently and

collaboratively while participating in discussions and reading assigned literature. The course places emphasis on the research essay as a fundamental form of writing in which students will document sources while integrating research into their writing. Online specifications: assignments, including tests, are submitted through CANVAS. All assignments are the same as the traditional class. This course is part of the Ohio Transfer Module (OTM) and will transfer to any state college or university in Ohio. 3 Cr Hrs. Course Requirement(s): ENG1000. Ohio Transfer Module (OTM) Course [TME002].

PSY 2100: Human Growth and Development — Course Number:
Prerequisite: None — Grade: 7-12
Credit: 1
This class provides an advanced study of human development over the lifespan, from conception to death. Included are emotional, intellectual, moral, physical, and social development. PSY2100 offers an analysis of the interaction of human characteristics within the individual and the relationship between individuals and their environment at various stages in development. Also available On-Line. 3 Cr Hrs. Course Requirement(s): PSY1100. Ohio Transfer Module (OTM) Course [TMSBS]; and, Ohio TAG Course [OSS048].

Math 1150: Calculus I — Course Number:
Prerequisite: Math 1130 or qualifying placement score — Grade: CCP Qualified
Credit: 1
A study of analytic geometry, limits, continuity, the derivative, basic differentiation rules, rates of change, the product and quotient rules, higher-order derivatives, the chain rule, implicit differentiation, related rates, extrema on an interval, Rolle's Theorem and the Mean Value Theorem. Function analysis includes increasing and decreasing functions and the first derivative test, concavity and the second derivative test, limits at infinity and curve sketching. Concluding topics include anti-derivatives, indefinite and definite integrals, the Fundamental Theorem of Calculus, and integration by substitution. Applications include optimization problems, Newton's method, differentials, and areas of planar regions. This course meets the requirements for OTM Calculus I TMM005. If combined with MATH 1151, it meets the requirements for OTM Calculus I & II sequence TMM017. UG

FAMILY AND CONSUMER SCIENCE

Global Foods — Course Number: 091210
Prerequisite: None — Grade: 9-12
Credit: ½
In this course, students will compare cuisines, ingredients and preferred cooking methods of various cultures. The influence of traditions and regional and cultural perspectives on food choices and culinary practices will be emphasized. Students will examine the issues and conditions that affect the availability and quality of food in the global market, and apply advanced cooking techniques, including the use of specialty and advanced equipment in the preparation of food dishes.

Parenting 101 (Child Development) — Course Number: 634A
Prerequisite: None — Grade: 10-12
Credit: ½
Students will discover the needs of infants and young children and how parents and childcare providers can meet those needs for healthy growth and development. Students will recognize the factors that impinge on parents. Students are able to recognize differences in individuals, cultures, circumstances, and growth and

development rates to meet the needs of growing children. Childcare providers will meet the needs of children by recognizing standards set for childcare that is most likely to meet the healthy growth and development of children.

Adulting 101 (Transitions and Careers) Course Number: 635
Prerequisite: None Grade: 9-12
Credit: ½
In this course, students will analyze interests, aptitudes and skills to prepare for careers and transition through life. An emphasis will be placed on work ethics, team building, communication and leadership skills. Additional topics will include technology etiquette and career planning.

Creative Cooking (Culinary Fundamentals) Course Number: 637
Prerequisite: None Grade: 9-12
Credit: ½
In this course, students will gain knowledge in food selection criteria and apply preparation methods to promote a healthy lifestyle. Students will apply cooking methods, ingredient selection and nutritional information in the context of selected food dishes. Throughout the course, basic food safety and sanitation techniques will be emphasized.

Food & Fitness (Principles of Nutrition and Wellness) Course Code: 091225
Prerequisite: None Grade: 9-12
Credit: ½
In this course, students will use principles of nutrition to ensure a healthy body throughout the lifecycle. An emphasis will be placed on planning and preparing meals with an understanding of nutrients and their benefits, portion control and dietary needs. Additional information will include steroid and supplemental use, body weight and management and the implementation of physical activity to maintain a healthy lifestyle.

Health for Yourself (Personal Wellness) Course Code: 093010
Prerequisite: None Grade: 9-12
Credit: ½
In this course, students will analyze personal physical, emotional, social and intellectual growth for a healthy lifestyle. An emphasis will be placed on lifespan wellness by managing stress through relaxation, physical activity and sleep. Additional topics will include human growth development, mental health management, personal hygiene and preparing for emergency medical situations.

FOREIGN LANGUAGE DEPARTMENT

Four levels of Spanish are offered. Coursework focuses on developing the five skill areas: listening, speaking, reading, writing, and culture. The cumulative sequence also emphasizes geography, history, literature, and cultural awareness.

Spanish I NCAA Course Number: 051
Prerequisite: Successfully pass English with not less than a "C" Grade: 9-12
Credit: 1
Students will learn the basic communication skills of speaking, listening, reading, and writing, to understand and make simple responses with conversational Spanish. Emphasis is placed on vocabulary building and useful basic grammatical structures.

Spanish II NCAA Course Number: 052
Prerequisite: Successfully pass Spanish I Grade: 10-12
Credit: 1
Continuing with reading and storytelling in the target language, students maintain their efforts to become proficient in a second language. Reading, writing, speaking, and listening skills are prolonged goals while grammatical and cultures lessons are increased.

Spanish III NCAA Course Number: 053
Prerequisite: Successfully pass Spanish II Grade: 11-12
Credit: 1
A strongly suggested course for the student seeking an honors diploma for graduation, Spanish 3 continues the skills introduced in earlier courses while including studies in Spanish history, geography, and culture with an ongoing emphasis on communication in Spanish.

Spanish IV NCAA Course Number: 054
Prerequisite: Successfully pass Spanish III Grade: 12 only
Credit: 1
A strongly suggested course for the student seeking an honors diploma for graduation, Spanish 4 continues the skills introduced in earlier courses while including studies in Spanish history, geography, and culture with an ongoing emphasis on communication in Spanish.

HEALTH, PHYSICAL EDUCATION DEPARTMENT

Health I Course Number: 412
Prerequisite: None Grade: 9-12
Credit: ½
This class is required for graduation and focuses on health issues that affect today's high school students and how to make choices for a healthier lifestyle.

Health II Course Number: 413
Prerequisite: Health I Grade: 10-12
Credit: ½
A continuation from the Health I curriculum, this class deals with the various systems of the body as well as public and environmental health issues.

Health III Course Number: 415
Prerequisite: Health II Grade: 10-12
Credit: ½
Health 3 is a class that offers students the opportunity to participate in fitness activities and study fitness activities that they may want to participate in for the rest of their life. Students will study in detail the following fitness activities: Aerobics, Yoga, Zumba, Taekwondo/Karate, Jazzercise and other activities available at local fitness centers. They will also be exposed to fitness facilities and what they offer in a 30 mile radius. Guest speakers will also come in to make presentations to the Health 3 students in the areas listed above when possible.

Physical Education Course Number: 414
Prerequisite: None Grade: 9-12
Credit: ¼
This class is required for graduation and includes a variety of physical activities that will work to improve strength, conditioning, and various athletic skills and knowledge.

Life Sports Course Number: 416
Prerequisite: None Grade: 10-12
Credit: ¼
This is an advanced physical education class designed to provide an opportunity for students with above average athletic skills to develop an appreciation for lifetime sports and leisure activities.

Fitness and Conditioning Course Number: 420
Prerequisite: None Grade: 10-12
Credit: ¼
Do you want your muscles more toned and defined? Sign up for Fitness and Conditioning and learn how to increase muscle definition and decrease body fat. This course introduces weight training, cardiovascular training, and flexibility exercises. The goal of this program is developing healthy routines and understanding that fitness is a personal responsibility.

Physical Education Credit Flex

Elective credit in physical education can be earned through participation in extracurricular activities/sports. Students can earn ¼ credit of physical education by participating in two seasons of an approved activity/sport within one calendar year or consecutive years of the same sport. Approved sports including tennis, football, volleyball, cross country, marching band, cheerleading (football and basketball combined), golf, basketball, wrestling, swimming, baseball, softball, and track. It is the responsibility of the student to submit the required form requesting credit at the end of the school year or second completed season.

MATHEMATICS DEPARTMENT

Mathematics Course Sequences Series

Option 1	Option 2	Option 3
Algebra	Honors Algebra	Honors Algebra (8th grade)
Geometry	Honors Geometry	Honors Geometry
Algebra II	Honors Algebra II	Honors Algebra II
Transition to College Algebra	Pre-Calculus or Transition to College Alg	Pre-Calculus
		Calculus

Algebra I Course Number: 315
Prerequisite: None Grade: 9-12
Credit: 1

This course is designed to lay the foundation of a solid mathematics background. It will examine algebraic concepts and problem solving. It will include work with symbols, operations, real numbers, polynomials, factoring, solving equations and inequalities, and graphing. This course is intended for those students who wish to go on to postsecondary education. It will begin to develop the problem solving skills necessary to succeed in any post secondary education including two year degree, technological training and other forms of post secondary education.

Honors Algebra I NCAA Course Number: 314
Prerequisite: None Grade 8-9
This course is designed to advance the study of algebraic concepts that were developed in Pre-Algebra. It will explore the development of symbol manipulation, and advanced solution techniques involving real numbers, polynomials, factoring, solving equations and inequalities, and graphing. This course is intended for the student that wishes to pursue a four year degree at a college or university.

Geometry Course Number: 323
Prerequisite: Algebra Grade: 10-12
Credit: 1
This course will examine both plane and solid geometry. Relationships between lines, planes, angles, and properties of polygons will be discussed. Logical reasoning and geometric construction will also be included. This course is intended for those students who wish to go on to postsecondary education. It will begin to develop the problem solving skills necessary to succeed in any post secondary education including two year degree, technological training and other forms of post secondary education.

Honors Geometry NCAA Course Number: 322
Prerequisite: Honors Algebra Grade 9-11
Credit: 1
This course will examine advanced topics in both plane and solid geometry. Relationships between lines, planes, angles, and properties of polygons will be discussed. Investigations into geometric proof and deductive reasoning will be developed. The process of geometric construction and justification will be examined. We will begin to develop the skills necessary to prepare to take the ACT. This course is intended for the student that wishes to pursue a four year degree at a college or university.

Algebra II Course Number: 333
Prerequisite: Geometry Grade: 10-12
Credit: 1
This course is designed to expand on extended higher order algebraic concepts. Topics will include but not be limited to: Functions, Graphing, Trigonometric functions, Systems of equations and inequalities, Conic Sections, and Discrete mathematics. Topics for the ACT and SAT are reviewed. Graphing calculator skills and procedures will be developed. We will continue to develop and expand the problem solving skills necessary to succeed in any post secondary education including: two year associates degrees, technological training, four year degrees, and other forms of post secondary education.

Honors Algebra II NCAA Course Number: 331
Prerequisite: Honors Geometry Grade: 10-12
Credit: 1

This course is designed to advance algebraic concepts and procedures to the pre collegiate level. Topics will include but not limited to: functions; linear, quadratic, trigonometric and rational, graphing; analytically and with the aid of technology, advanced concepts of conic sections, and discrete mathematics. Topics for the ACT and SAT are reviewed. Graphing calculator skills and procedures will be developed. We will continue to develop the skills necessary to prepare to take the ACT. This course is intended for students that wish to pursue a four year degree at a college or university.

Transition to College Algebra Course Number: 340T
Prerequisite: Algebra II Grade: 12
Credit: 1
This course is intended for students who are going to college but do not need Pre-Calculus or Calculus to enter post secondary studies. This course will examine algebraic concepts, graphing, and computational geometry and trigonometry.

Pre-Calculus NCAA Course Number 341
Prerequisite: Honors Algebra II Grade: 11-12
Credit: 1
This course will examine all areas of trigonometry, exponential and logarithmic functions, and graphing as problem solving. Graphing calculator skills and procedures will be expanded and enhanced. We will develop the advanced skills necessary to undertake Calculus. This course is intended for the student that wishes to pursue a four year degree at a college or university.

Calculus NCAA Course Number: 142A/142B
Prerequisite: Pre-Calculus Grade: 11-12
Credit: 1
A study of analytic geometry, limits, continuity, the derivative, basic differentiation rules, rates of change, the product and quotient rules, higher-order derivatives, the chain rule, implicit differentiation, related rates, extrema on an interval, Rolle's Theorem and the Mean Value Theorem. Function analysis includes increasing and decreasing functions and the first derivative test, concavity and the second derivative test, limits at infinity and curve sketching. Concluding topics include anti-derivatives, indefinite and definite integrals, the Fundamental Theorem of Calculus, and integration by substitution.

MUSIC DEPARTMENT

The basic program at Bucyrus High School includes those students who have skills in the various areas of music. Both the band and choir provide interesting and rewarding experiences, demanding of dedication and time, especially during performance seasons.

Marching Band Course Number: 744
Prerequisite: Teacher Recommendation Grade: 9-12
Credit: ½
Members of the Marching Band are expected to attend a number of mandatory summer and after-school practices and performances. The High School Marching Band represents the Bucyrus community at all varsity football games, as well as at a number of pep rallies, parades, and at national-level performances. Summer Marching Band rehearsals commence during the second week of July for incoming Freshmen, and the third

week of July for all returning Marching Band members. Failure to participate in mandatory practices and performances can result in lowered grades or failures.

Concert Band Course Number: 747
Prerequisite: Teacher Recommendation Grade: 9-12
Credit: 1
Concert Band members can expect to experience a challenging and rewarding variety of music, which is prepared for its educational value and public performance. Members are required to participate in a number of mandatory concerts. Failure to participate in mandatory performances can result in lowered grades or failure.

XBand Course Number: 749
Prerequisite: Concert Band, audition, or invitation by High School Director Grade: 9-12
Credit: ½
Xband is an experimental group of selected Concert Band members, playing a repertoire of rock, pop, blues, and jazz music and techniques. Members are required to participate in a number of mandatory concerts. Failure to participate in mandatory performances can result in lowered grades or failures.

Concert Choir Course Number: 711
Prerequisite: 1 year of middle school or audition Grade: 9-12
Credit: 1
Students involved in the Concert Choir will learn the fundamentals of music essentials to singers, such a solfege, sight-reading, and proper vocal technique. A variety of music will be selected to reinforce these skills and demonstrate them to our audiences. Music will be chosen to challenge the students and help them expand their abilities as singers. Participation, both in class and during public performances, is essential to this course. Grades will be based on class participation, written assignments, performances and vocal tests.

Music Theory & Technology Course Number 720
Prerequisite: Teacher Recommendation Grade: 9-12
Credit: ½
This class is intended for those students that want to learn more about music, beyond performance. The course will include music notation, learning structure of music, writing music, analyzing written and recorded music and listening to characteristics. Students will be given the foundation that they will need to begin to arrange recordings into printed performance works for various ensembles. Chord progressions, transpositions, ear training, and keys will be emphasized in a step-by-step approach that will allow students to begin to turn their favorite recordings into printed music, and their favorite printed music into recordings. Students will also be exposed to established and emerging music technology in order to accomplish these objectives.

Introduction to Theatre Course Number: 717
Prerequisite: None Grade: 9-12
Credit: ½
This class provides opportunities for students to explore fundamental theatre skills and techniques. Students will learn the basics of theatre and acting through projects, including the creation and performance of short scenes, plus individual and ensemble acting. Additional studies will include theatre critique.

Introduction to Guitar Playing Course Number: 750
Prerequisite: None Grade: 9-12
Credit: ½
This class is intended for students with little to no experience playing the guitar. Students will be given the broad foundation they need to perform various styles of music, and note reading, tablature reading, chord playing, patterns, and improvisation will be emphasized in a step-by-step approach. Students who enroll in this class must have their own full size acoustic or electric guitar (electric guitar owners must also have an amplifier) that they bring to class daily, and a minimal class fee will be charged to each student for a workbook.

SCIENCE DEPARTMENT

Three credits of science are required for graduation. All freshmen must take Biology or College Prep Biology with prior approval. All sophomores must take a credit of physical science. Students will have the option of completing a 1 credit advanced study course, or two ½ credit courses to fulfill their third science requirement.

Life Science (1 credit)	**Physical Science** (1 credit)	**Advanced Study** (1 credit)
Biology CP Biology Honors Anatomy and Physiology	Honors Chemistry Physical Science Honors Physics	Honors Anatomy and Physiology Honors Physics
Advanced Study (½ credit)	**Advanced Study** (½ credit)	**Advanced Study** (½ credit)
Botany/Ecology	Astronomy Physical Geology	Criminology/Forensics

- These courses are required for the Diploma with Honors -- CP Biology, Honors Chemistry, Honors Physics, and Honors Anatomy and Physiology

Biology Course Number: 222R
Prerequisite: None Grade: 9
Credit: 1
This course completes a credit of life science required for graduation. Concepts covered will include heredity, diversity of organisms, and ecology. Students will be required to complete several projects, homework, labs, and keep a scientific notebook.

College Prep Biology **NCAA** Course Number: 228CP
Prerequisite: prior approval Grade: 9-12
Credit: 1
As a college prep course the material in this course will move at an accelerated rate (and depth) with the emphasis on expertise and experiences in laboratory procedures. Concepts covered include; molecules, cells, heredity and DNA, evolution, photosynthesis and cellular respiration, and populations and ecosystems. The work will be demanding and require extra time outside of the classroom to successfully complete this course. A strong work ethic is essential.

Integrated Physical Science Course Number: 220
Prerequisite: Biology Grade: 10
Credit: 1
Physical Science is a course that stresses physical sciences and is designed to prepare all students for becoming a scientifically literate citizen. Topics to be covered include; the design and evaluation of scientific investigations, science validity and evidence, laboratory safety procedures, properties and chemical processes in society. Students will be involved with activities and investigations which will develop skills in observation, data collecting, making hypotheses and drawing conclusions. Students will acquire and process scientific knowledge and will apply conceptual understanding to new situations.

Physical Geology Course Number: 235
Prerequisite: Biology and Physical Science Grade: 11-12
Credit: ½
Physical Geology is an elective course for students who are college-bound or with an interest in Earth Sciences. The course will be broken into physical geology, topography, oceanography, and paleontology. Students will explore the Earth System through examination of earth materials, processes and structures within a plate tectonics framework; origin and structure of the earth, rocks and minerals, geologic time, fossils and evolution, earthquakes and volcanoes, ocean basins, formation of landscapes, special topics of current or particular student interests. Ties are made between the study of physical geology and application to careers especially in the construction and maintenance of infrastructure (roads, buildings, canals, airports, etc.).

Criminology/Forensics Course Number: 245
Prerequisite: Biology and Physical Science Grade: 11-12
Credit: ½
Forensic Science is the application of science to those criminal and civil laws that are enforced by police agencies in a criminal justice system. It is a comprehensive course incorporating Biology, Chemistry, Physics, Entomology, Earth Science, Anatomy and Physiology as well as other aspects of Science. The main focus of this course will be to emphasize the evidential value of crime scene and related evidence and the services of what has become known as the crime laboratory. Application of forensic science to future careers at law enforcement agencies, crime laboratories, and the military will be explored. This course combines basic theory and real laboratory experiments, creating an experiment based situation for the better understanding of the students.

Astronomy Course Number: 236
Prerequisite: Biology and Physical Science Grade: 11-12
Credit: ½
This course introduces students to the composition and structure of the universe. Astronomy is the scientific study of the contents of the entire Universe, in this elective course, students will be provided with an opportunity to study the universe – its conditions, properties, and motions of bodies in space. The content includes, but is not limited to, historical astronomy, astronomical instruments, the celestial sphere, the solar system, the earth as a system in space, the earth/moon system, the sun as a star, and space exploration.

Botany/Ecology Course Number: 237
Prerequisite: Biology and Physical Science Grade: 11-12
Credit: ½

Botany is the scientific study of plants and their relationship to the environment. In this course students investigate the growth, reproduction, anatomy, morphology, physiology, biochemistry, taxonomy, genetics, and ecology of plants. Students will explore the application of these studies to careers in farming, landscaping, golf course management, as well as casual home gardening. Laboratory and outdoor experiences complement classroom activities.

Honors Anatomy/Physiology NCAA Course Number: 229
Prerequisite: College Prep Biology Grade: 10-12
Credit: 1
Anatomy/Physiology is a course for students who are college-bound and is designed around the specific study of human anatomy and physiology. You will learn about cells, tissues, organs, and systems of the human body. This course will include the dissecting of several specimens. The intent of this course is to prepare students for college level biological sciences.

Honors Chemistry NCAA Course Number: 233
Prerequisite: At least a B in Algebra and CP Biology Grade: 10-12
Credit: 1
Chemistry involves the study of the properties and composition of substances. Experiments will be used to develop and present the concepts that are being taught. The course is designed to give the student a better understanding of the chemical world around him/her and to prepare him/her for science at the college level. Chemistry is essential in medicine, nursing, engineering, and any science related profession.

Honors Physics NCAA Course Number: 240
Prerequisite: Honors Algebra II Grade: 12
Credit: 1
Honors Physics deals with the science of the relation of matter and energy. Honors Physics constitutes a major part of engineering, medicine, and all areas of science and technology. The topics covered in this course are the study of motion, the characteristics and behavior of matter and energy, and waves (including sound and light, electricity and magnetism). These topics will be explored through laboratory experiments and class work with an emphasis on the conceptual understanding of physics. The work will be demanding and require extra time outside of the classroom to successfully complete this course. Strong math skills are essential.

SOCIAL STUDIES DEPARTMENT

American History Course Number: 125H
Prerequisite: None Grade: 9
Credit: 1
This course will explore the major historical issues, themes, and debates of American history from Reconstruction to the new millennium (1877-present). It will examine, in particular, the reconstruction of the nation following the Civil War, the rise and impact of the industrial revolution, the changing fortunes of farmers, workers, and women at the turn of the century, race and ethnicity, American imperialism and foreign relations, progressivism, the Roaring 20's and Depression 30's, the Age of FDR from New Deal to World War II, the Cold War, politics, culture, and society in the 1950's and 60's, the rise of New Right, America at the end of the Cold War, and present-day issues.

World History Course Number: 135
Prerequisite: None Grade: 10
Credit: 1
Students will study world history, cultural geography, world regional maps, and current global issues.

World Geography Course Number: 145
Prerequisite: None Grade: 10-12
Credit: ½
World Geography is the study of the world's peoples, places, and environments, with a focus on world regions. Regions studied include: North America, Latin America, Europe, Africa, Asia and Oceania. A study of the various cultures and customs that have developed throughout the world will be included. Emphasis is placed on students' understanding and applying geographic concepts and skills to their daily lives.

Government Course Number: 138AB
Prerequisite: None Grade: 11
Credit: 1
This course is a comprehensive social studies class examining the relationship between the government and its citizens. The course seeks to analyze public policy through the study of past and current events. Comparative governments, political science, foreign policy, and civil liberties will serve as focus units. Economic concerts will also be covered including concepts in financial planning, fiscal & monetary policy, and business cycle indicators. The class block will include prompt writing, article reviews, and various projects.

Financial Literacy/Senior Seminar Course Number: 212
Prerequisite: None Grade: 12
Credit: 1
This course is designed to inform and educate students in concepts of personal finance and money management. Effective money management is a discipline that all students need to learn before beginning life after high school. **This course is mandatory for all 12th grade students.**

Current Events Course Number: 160
Prerequisite: None Grade: 10-12
Credit: ½
This course will investigate current events impacting the news cycle. Exposure to media fundamentals and resources through the study of recent public policy issues will be highlighted. Article reviews and projects will be assigned. A weekly periodical or paperback text will be purchased for the class.

VOCATIONAL PROGRAMS

This program is designed to help students explore many areas of experience so that they might discover and develop interests on which they can concentrate in school or after graduation. This program will fulfill the basic high school requirements for graduation and will prepare the individual for living in society.

Sports Marketing Course Number: 551
Prerequisite: None Grade: 10-12
Credit: ½
This introductory course will provide students with the opportunity to learn the fundamental concepts of

marketing and business through insight into the sports industry. It will focus on two main concepts of sports marketing: The marketing of sports…including, but not limited to, recreational, collegiate and professional sports and the licensing, endorsement, venue and sponsorship issues common in the industry; the marketing of non-sports products and services using sports…using the basic functions of marketing such as product management, pricing, promotion, financing, selling, distribution and marketing information management. Current issues relating to the sports industry will also be discussed. This course is intended for students with an interest in business or sports and those who may want to pursue a career in marketing

Foundations of Web Page Design Course Number: 560A
Prerequisite: None Grade: 10-12
Credit: ½
This course introduces the fundamental elements of internet business and web design and HTML programming. Students will design personal and professional web sites while developing project management and business skills.

Foundations of Public Speaking and Comm. Course Number: 561A
Prerequisite: None Grade: 10-12
Credit: ½
This course provides instruction and experience in preparation and delivery of speeches and communicating in a one-on-one environment. Emphasis is placed on research, preparation, delivery, and evaluation of informative and persuasive speaking. Students also will gain experience in personal conversation and interviewing.

Video Production Course Number:
Prerequisite: None Grade: 9-12
Credit: ½
Learn the basics of developing your own professional television program or even YouTube show. Students will have daily use of video and audio technology and be responsible for the secondary school announcements.

Business Computer Applications Course Number:
Prerequisite: None Grade: 9-12
Credit: ½
This course introduces computer terminology, hardware, and software related to the business environment. The focus of this course is on business productivity software applications and professional behavior in computing, including word processing (as needed), spreadsheets, databases, presentation graphics, and business-oriented utilization of the Internet.

Retail Marketing Course Number:
Prerequisite: None Grade: 10
Credit: 1
This class is designed to provide you with the opportunity to actually operate a retail store. You will become involved with all aspects of the operation which include: customer service, management, purchasing, inventory control, sales, cash handling, advertising, and merchandising. As a result of this training, students will be able to make an easier transition into the world of work. This course will include the focus of this course is on business productivity

software applications and professional behavior in computing, including word processing (as needed), spreadsheets, databases, presentation graphics, and business-oriented utilization of the Internet

E.Marketing.Com Course Number: 555
Prerequisite: None Grade: 11-12
Credit: 1
The marketing education program is designed to assist juniors and seniors in developing the skills needed to become successful in the world of business. (Students will receive, upon completion, 3 credits-two for the course and one for the training station.) Marketing prepares students who are interested in business and marketing for college and/or the business world. The primary objective of the marketing education program is to prepare students for their career in the business environment. The marketing education program consists of three major components:
1. The marketing class--a year long course that is based on the fundamentals of marketing. Topics include: personal selling, e-commerce, human relations, leadership development, and personal marketing.
2. The training station - students are required to have an approved training station with an average of 15 hours per week.
3. DECA - through DECA, students are given the opportunity to apply what they have learned in local, state, and national competitive business-related situations for cash awards, travel, and national recognition. (All marketing students will be members of DECA.)

Digital Marketing Course Number: 558
Prerequisite: None Grade: 10-12
Credit: ½
Students will apply tools, strategies and processes to communicate digitally with targeted customers. They will create, implement, and critique online advertising, email marketing, websites, social media, mobile marketing, search-engine optimization, video or images and podcasts/webcasts. Students will apply project management techniques to guide and control digital communications efforts. They will also create and repurpose content for use in digital environments. Technology, employability skills, leadership and communications will be incorporated in classroom activities.

Media Communications Course Number: 575
Prerequisite: PCTC Application/Teacher Recommendation Grade: 11-12
Credit: 3
This TECH-PREP program teaches students the fundamentals of broadcasting and media communications. The two year lab consists of 1 block each day of in-school learning. Juniors and seniors participate in 150 hours of internship activity each year. Students plan their remaining schedule with coursework needed for graduation. Students from schools other than Bucyrus may remain at the high school for academic classes or make arrangements to return to their home school. Potential future employment opportunities include: Broadcasting, Marketing/Business, Production including camera operations, editing or engineering, game designing, web designing/engineering, record engineering, content designing specialist, and multimedia programming. "C" or better in Algebra suggested.

Using Technology for Social Change Course Number: 562
Prerequisite: None Grade:10-12

Credit: ½
Students will review challenges facing our community and learn about leaders who have worked to change our world view. The course will focus on how technology is impacting society while each student considers his or her personal point of view.

Technology Systems and Design I Course Number: 591A
Prerequisite: None Grade: 9-12
Credit: ½
This systems and design semester course will explore the careers of Engineering and Architecture. The students will be introduced to two industry standard software packages: Solidworks and Chief Architect. During the semester, the students will gain knowledge in Engineering Graphics as well as be introduced to Robotics & Automation, Architecture Design, Material & Processes, and Construction Technology. Students will get the opportunity to perform several project based learning and STEM activities throughout the semester.
NOTE: Students who have taken Pre-Engineering in middle school may bypass this course and enroll in Technology Systems II during their freshman year.

Technology Systems and Design II Course Number: 592
Prerequisite: Technology Systems and Design I or Pre-Engineering Grade: 10-12
Credit: 1
This full year systems and design course will further explore the fields of Engineering and Architecture. The students will be involved in many problem solving scenarios including real world and simulated applications involving Architecture and Construction, Research & Development, Robotics, Fluid Power, and Electrical Engineering. This course will involve the students imagination and inquiry, his or her design and creation skills, as well as communication techniques related to the presentation of material. Students will get the opportunity to perform several project based learning and STEM activities throughout the year.

Technology Systems and Design III Course Number: 593
Prerequisite: Technology Systems and Design II Grade: 10-12
Credit: 1
This full year systems and design course will further explore several Technology Systems. The primary focus of this third level advanced class will be on Robotics and Automation. The students will perform several programming challenges and investigate the world of Robotics through Engineering Labs involving the VEX robotics systems. Students will get the opportunity to perform several project based learning and STEM activities throughout the year.

Technology Systems and Design IV Course Number: 594
Prerequisite: Technology Systems and Design III Grade: 12 only
Credit: 1
This full year systems and design course will further explore a specific technology system of the student's choice, with instructor approval. It will be offered independently throughout the day as it fits the student's schedule. The course will focus on projects and presentations of an engineering format.

CROSS-CATEGORICAL SPECIAL PROGRAMS

Math Course Number:
Prerequisite: Teacher Placement Grade: 9-12
Credit: 1
This course focused on the 9th grade benchmarks and standards. The students will learn many different aspects about math including working with negative numbers and fractions, measuring and calculating perimeter, surface area, and volume, and solving one step and one variable algebraic equations.

Fundamentals of Reading Course Number:
Prerequisite: Teacher Placement Grade: 9-12
Credit: 1
This course will focus on improving the student's language arts skills. Students will receive instruction at their level in topics that include: literature, life skills, reading, writing, journals, grammar, mechanics and study skills. It combines vocabulary building skills with reading comprehension, enhancing students' proficiency in both their regular English classes and other subject areas. Placement is based upon state test scores or other progress monitoring tools.

English 10 Course Number:
Prerequisite: Teacher Placement Grade: 9-12
Credit: 1
This course will focus on improving the student's language arts skills. Students will receive instruction at their level in topics that include: literature, life skills, reading, writing, journals, grammar, mechanics and study skills. Text analysis and vocabulary tests are part of the curriculum. Placement is based upon state test scores or other progress monitoring tools.

Math for Success Course Number:
Prerequisite: Teacher Placement Grade 9-12
Credit: 1
This class is a combination of direct instruction and computer-based instruction with a focus on improving students' fundamental math skills. This class will provide an introduction to topics in Pre-Algebra. This course includes probability, measures of central tendencies, operations with integers and rational numbers, order of operations, algebraic expressions, equations, inequalities, direct variation, slope, graphing linear functions, writing equations of line, perimeter, area, surface area, and volume. Placement is based upon state test scores or other progress monitoring tools.

Applied Algebra Course Number:
Prerequisite: Teacher Placement Grade: 9-12
Credit: 1
The first course in a high school sequence addressing content through concrete models and real-world situations and with less emphasis on symbol-manipulation and formal mathematical structure. This course would require the respective Algebra I End-of-Course exam.

Applied Geometry Course Number:
Prerequisite: Teacher Placement Grade: 9-12
The second course in a high school sequence addressing content through concrete models and real-world situations and with less emphasis on symbol-manipulation and formal mathematical structure. This course

would require the respective Geometry End-of-Course exam.

Applied Algebra II Course Number:
Prerequisite: Teacher Placement Grade: 9-12
The third course in a high school sequence addressing content through concrete models and real-world situations and with less emphasis on symbol-manipulation and formal mathematical struc- ture. This course would require the respective Algebra II.

ELECTIVE "E"-COURSE (ONLINE) DESCRIPTIONS 2020-2021

English

Gothic Literature: Monster Stories Grade: 11-12
Credit: ½
From vampires to ghosts, these frightening stories have influenced fiction writers since the 18th century. This course will focus on the major themes found in Gothic literature and demonstrate how the core writing drivers produce, for the reader, a thrilling psychological environment. Terror versus horror, the influence of the supernatural, and descriptions of the difference between good and evil are just a few of the themes presented. By the time students have completed this course, they will have gained an understanding of and an appreciation for the complex nature of dark fiction.

Structure of Writing Grade: 11-12
Credit: ½
Structure of Writing is the study of principles of grammar and effective writing, and application of these principles to writing. In Structure of Writing, you will learn about the types of sentences, punctuation marks and grammar rules such as subject verb agreement and tenses; you will also learn about different parts of speech and their correct usage; examine the concept of parallel structure in sentences as well as identify and correct run-on sentences. Finally, you will learn about developing paragraphs and essays.

World Literature A (text required) Grade: 11-12
Credit: ½
World literature is the study of written works and masterpieces from around the globe. This course emphasizes themes found across a variety of cultures and historical timelines. The literature often transcends time and has application and significance beyond its language of origin and cultural region. World literature allows you to connect with others through common human experiences and helps you understand the political, economic, and religious forces that influenced authors and readers throughout history.

World Literature B Grade: 11-12
Prerequisite: World Literature A credit
Credit: ½
See above description, part A

Mathematics

Consumer Mathematics A/B Grade: 11-12
Credit: 1
When you buy goods and services, you are acting as a consumer. For example, you might buy a sandwich for lunch or pay a hairstylist for a haircut. Consumer Mathematics is designed to teach you about real-life financial situations that require everyday math skills. As a consumer, you will be earning, spending, and saving money. This course will help you make educated and responsible decisions regarding your finances.

In this course, you will learn practical applications of math. You will learn how to plan a budget, manage bank accounts, and figure the cost of a good or service. You will also learn about taxes, payroll deductions, and how to invest and borrow money. This course will help you make informed decisions about buying or renting a home or car and teach you how to protect your purchases and investments with insurance. Finally, you will study economics, or the science of the creation, distribution, and consumption of goods and services. You'll see how economics affects you as an individual and how it affects the country as a whole.

Integrated Math A Grade: 10-12
Credit: ½
Integrated Math is a comprehensive collection of mathematical concepts designed to give you a deeper understanding of the world around you. It includes ideas from algebra, geometry, probability and statistics, and trigonometry, and teaches them as interrelated disciplines. It's likely that you've been studying some form of integrated math since elementary school.
In Integrated Math A, you will begin with algebra. You will build on your understanding of ratio and proportion by studying the equations and graphs of linear relationships. You will also perform operations on polynomials—expressions that contain more than two terms. You will explore how to graph quadratic relationships and solve quadratic equations. You will also determine which types of relationships qualify as functions and analyze two special functions: arithmetic and geometric sequences. Finally, you will find answers to everyday math problems by solving rational equations.

Integrated Math B Grade: 10-12
Prerequisite: Integrated Math A credit
Credit: ½
See above description, part A

Sciences

Archeology: Detectives of the Past Grade: 11-12
Credit: ½
George Santayana once said, "Those who cannot remember the past are condemned to repeat it." The field of archeology helps us to better understand the events and societies of the past that have helped to shape our modern world. This course focuses on this techniques, methods, and theories that guide the study of the past. Students will learn how archaeological research is conducted and interpreted, as well as how artefacts are located and preserved. Finally, students will learn about the relationship of material items to culture and what we can learn about past societies from these items.

Biotechnology: Unlocking Nature's Secrets Grade: 11-12
Credit: ½

Can we bring back extinct species? Will the cures for cancer, malaria, and other diseases come from the combination of natural materials and new technologies? How is science changing the foods we eat? Welcome to the world of biotechnology! In this course, you will explore the history of biotechnology, including early attempts at food preservation, the development of antibiotics, and changes to food crops around the world. You'll also learn more about some of the challenges of biotechnology, such as the growth of antibiotic resistant bacteria and questions about the safety of commercially produced genetically modified organisms (GMO). Finally, you'll research new biotechnologies and how they are changing the world we live in.

Criminology: Inside the Criminal Mind Grade: 10-12

Credit: ½

In today's society, crime and deviant behavior are often one of the top concerns of society members. From the nightly news to personal experiences with victimization, crime seems to be all around us. In this course, we will explore the field of criminology or the study of crime. In doing so, we will look at possible explanations for crime from psychological, biological, and sociological standpoints, explore the various types of crime and their consequences for society, and investigate how crime and criminals are handled by the criminal justice system. Why do some individuals commit crimes but others don't? What aspects of our culture and society promote crime and deviance? Why do individuals receive different punishments for the same crime? What factors shape the criminal case process, from arrest to punishments?

Forensic Science I: Secrets of the Dead Grade: 10-12

Credit: ½

Fingerprints. Blood spatter. DNA analysis. The world of law enforcement is increasingly making use of the techniques and knowledge from the sciences to better understand the crimes that are committed and to catch those individuals responsible for the crimes. Forensic science applies scientific knowledge to the criminal justice system. This course focuses on some of the techniques and practices used by forensic scientists during a crime scene investigation (CSI). Starting with how clues and data are recorded and preserved, the student will follow evidence trails until the CSI goes to trial, examining how various elements of the crime scene are analyzed and processed.

Forensic Science II: More Secrets of the Dead Grade: 10-12

Credit: ½

Although the crime scene represents the first step in solving crimes through forensic science, the crime laboratory plays a critical role in the analysis of evidence. This course focuses on the analysis of evidence and testing that takes place within this setting. We will examine some of the basic scientific principles and knowledge that guides forensic laboratory processes, such as those testing DNA, toxicology, and material analysis. Techniques such as microscopy, chromatography, odontology, entomology, mineralogy, and spectroscopy will be examined.

Great Minds in Science: Ideas for a New Generation Grade: 11-12

Credit: ½

Is there life on other planets? What extremes can the human body endure? Can we solve the problem of global warming? Today, scientists, explorers, and writers are working to answer all of these questions. Like Edison, Einstein, Curie, and Newton, the scientists of today are asking questions and working on problems that may revolutionize our lives and world. This course focuses on 10 of today's greatest scientific minds. Each unit

takes an in-depth look at one of these individuals, and shows how their ideas may help to shape tomorrow's world.

Introduction to Agriscience Grade: 10-12
Credit: ½
In this course, students will learn more about the development and maintenance of agriculture, animal systems, natural resources, and other food sources. Students will also examine the relationship between agriculture and natural resources and the environment, health, politics, and world trade.

Veterinary Science: The Care of Animals Grade: 11-12
Credit: ½
As animals play an increasingly important role in our lives, scientists have sought to learn more about their health and well-being. Taking a look at the pets that live in our homes, on our farms, and in zoos and wildlife sanctuaries, this course will examine some of the common diseases and treatments for domestic animals. Toxins, parasites, and infectious diseases impact not only the animals around us, but at times…we humans as well! Through veterinary medicine and science, the prevention and treatment of diseases and health issues is studied and applied.

Social Studies

African American Studies Grade: 11-12
Credit: ½
Throughout US history, African Americans have faced great adversity in the form of enslavement and institutional racism. They fought for their freedom and worked to right a broken system, but their struggle continues today. This course studies the treatment of enslaved Africans as they were brought to America, the prejudices African Americans have experienced, and their important role in the social, political, and economic development of the United States.

Anthropology I: Uncovering Human Mysteries Grade: 11-12th grade
Credit: ½
"Anthropology demands the open-mindedness with which one must look and listen, record in astonishment and wonder that which one would not have been able to guess." (Margaret Mead)

The aim of anthropology is to use a broad approach to gain an understanding of our past, present, future and address the problems humans face in biological, social and cultural life. This course will explore the evolution, similarity and diversity of humankind through time. It will look at how we have evolved from a biologically and culturally weak species to one that has the ability to cause catastrophic change Exciting online video journeys to different areas of the world will also be presented in the course.

Anthropology II: More Human Mysteries Uncovered Grade: 11-12
Prerequisite: Part I credit
Credit: ½
Anthropology has helped us better understand cultures around the world and through different time periods. This course continues the study of global cultures and the ways that humans have made sense of their world. We will examine some of the ways that cultures have understood and gave meaning to different stages of life

and death. The course will also examine the creation of art within cultures and examine how cultures evolve and change over time. Finally, we will apply the concepts and insights learned from the study of anthropology to several cultures found in the world today.

Civics A Grade: 10-12
Credit: ½
A citizen is a person who is legally recognized by a state and entitled to the state's rights and privileges. Civics is the study of the rights and duties of such a person. One of the best ways to understand your rights and duties as a citizen is to study the government that defines and upholds them. In Civics A, you will learn about politics and government, and you'll analyze democracy which is the system of government used in the United States. Finally, you will examine the legislative, executive, and judicial branches of the U.S. Government. A course in Civics teaches you how to actively participate in governance and how you can help improve the quality of governance at all levels.

Civics B
Prerequisite: Civics B credit Grade: 10-12
Credit: ½
A citizen is a person who is legally recognized by a state and entitled to the state's rights and privileges. Civics is the study of the rights and duties of such a person. One of the best ways to understand your rights and duties is to study the government that defines and upholds them. In Civics B, you will learn how Americans are linked to the government and each other through the media and a number of political parties. You will also take a detailed look at civic responsibility and what it means to be a contributing member of society. Finally, you will study how and why the U.S. creates certain goods and services and you'll see how political and economic decisions made at home can affect foreign policy abroad.

Economics A Grade: 10-12
Credit: ½
Economics is a social science that teaches how goods and services are created, consumed, and exchanged. Economics can cover topics locally, like how buyers and sellers of goods and services interact with one another. But it also covers topics on a larger scale, like studying a country's role in the international marketplace. Economics examines the efforts, decisions, and thought processes of people. Studying economics can tell why individuals, industries, and governments behave in certain ways. In Economics A, you will learn about your role as a consumer and also the basic principles of the U.S. free-enterprise system and how that system ties into the global market.

Economics B Grade: 10-12
Prerequisite: Economics A credit
Credit: ½
Economics is a social science that teaches how goods and services are created, consumed, and exchanged. Economics can cover topics locally, like how buyers and sellers of goods and services interact with one another. But it also covers topics on a larger scale, like studying a country's role in the international marketplace. Economics examines the efforts, decisions, and thought processes of people. Studying economics can tell why individuals, industries, and governments behave in certain ways. In Economics B, you will learn about the role that business and industry plays in a nation's economy and the relationships that industry has with the government. You'll also learn more about the people who initiate businesses and the ups and downs that occur

in a business cycle. Furthermore, you'll study important historical events surrounding labor laws and the responsibilities you have as a consumer in an economic system.

History of the Holocaust Grade: 11-12
Credit: ½
Holocaust education requires a comprehensive study of not only times, dates, and places, but also the motivation and ideology that allowed these events. In this course, students will study the history of anti-Semitism; the rise of the Nazi party; and the Holocaust, from its beginnings through liberation and the aftermath of the tragedy. The study of the Holocaust is a multi-disciplinary one, integrating world history, geography, American history, and civics. Through this in-depth, semester-long study of the Holocaust, high school students will gain an understanding of the ramifications of prejudice and indifference, the potential for government-supported terror, and they will get glimpses of kindness and humanity in the worst of times.

Introduction to Philosophy: The Big Picture Grade: 11-12
Credit: ½
This course will take you on an exciting adventure that covers more than 2500 years. Along the way, you'll run into some very strange characters. For example, you'll read about a man who hung out on street corners, barefoot and dirty, pestering everyone he met with questions. You'll read about another man who climbed inside a stove to think about whether he existed. Despite their odd behavior, these and other philosophers of the Western world are among the most brilliant and influential thinkers of all time. As you read about them, you'll see where many of the most fundamental ideas of Western civilization came from. You'll also get a chance to ask yourself some of the same questions these great thinkers pondered. At the end, you'll have a better understanding of yourself and the world around you, from atoms to outer space and everything in between.

Law & Order: Introduction to Legal Studies Grade: 10-12
Credit: ½
Every purchase, lease, contract, marriage, divorce, arrest, crime or traffic violation places the citizen face-to-face with the law. Law & Order is designed to provide students with an understanding of their legal rights and responsibilities.

Native American Studies: Contemporary Perspectives Grade: 11-12
Credit: ½
This course examines the social, economic, religious, and political issues that Native Americans face in today's world. It looks at a number of Native American professionals and their efforts to eradicate the negative stereotypes that still surround Native American cultures. The course also sheds light on the important contributions that Native Americans have made to art and spirituality. And it demonstrates how both Native American traditions and the fight for Native American civil rights have shaped the history and social fabric of the United States.

Native American Studies: Historical Perspectives Grade: 11-12
Credit: 1/2
When European settlers first arrived in the Americas, they found the continent already inhabited. The cultural differences between the Native Americans and Europeans, as well as their desire to occupy the same land, often led to conflict. Tensions increased over time as Europeans moved westward to establish settlements. The US government, eager for more land, imposed a number of controversial policies on Native Americans, including

assimilation, forced removal, and military intervention. This course examines the persecution of Native Americans and their fight for civil rights and recognition throughout US history.

Personal & Family Finance Grade: 10-12
Credit: ½
You may never again have a course as practical and useful as Personal Finance. Throughout your life you will make money and spend money. With luck and good financial management, you will save and invest money as well. Over the years you will have cause to return to the concepts and methods introduced in Personal Finance. Other courses—in math, science, history, or auto mechanics—will provide you with skills to earn money. This course teaches how to use that money wisely.

Personal Psychology I: The Road to Self-Discovery Grade: 11-12
Credit: ½
Self-knowledge is the key to self-improvement! Psychology is a subject that can be applied to everyday life. New research and ideas will change the way we view ourselves and each other. This course offers exciting online psychology experiments about our own behaviour and how we behave with other people.

Personal Psychology II: Living in a Complex World Grade: 11-12
Prerequisite: Part I credit
Credit: ½
Enrich the quality of your life by learning to understand the actions of others! Topics include the study of memory, intelligence, emotion, health, stress and personality. This course offers exciting online psychology experiments about the world around us.

Social Issues Grade: 10-12th grade
Credit: ½
Social issues affect everyone—they are issues which revolve around governmental policy and enforcement of laws on the civilian population. These laws and policies can have any number of significant outcomes. They can protect minorities and women from discrimination, regulate drug use, give aid to the poor, provide guidelines for education, and much more. Social issues are often controversial and debated, so having the ability to form an educated opinion on them is an important part of your citizenship.

Social Problems I: A World in Crisis Grade: 10-12
Credit: ½
Students will learn more about the challenges facing societies and the relationships between societies, governments, and individuals in these areas. Each unit will focus on a particular area of social concern, often with a global view, and examine possible solutions at both a structural and individual level.

Social Problems II: Crisis, Conflicts & Challenges Grade: 10-12
Prerequisite: Part I credit
Credit: ½
The Social Problems II course continues to examine the social problems that affect individuals and societies in the world today. Students learn about the overall structure of the social problem as well as how it impacts their lives. Each unit focuses on a particular social problem, including racial discrimination, drug abuse, the loss of

community, and urban sprawl, and discusses possible solutions at both individual and structural levels. Students examine the connections in each issue between societies, individuals, governments, and the global arena.

Sociology I: The Study of Human Relationships Grade: 11-12
Credit: ½
The world is becoming more complex. How do your beliefs, values and behavior affect the people around you and the world we live in? In this increasingly connected world, students will examine problems in our society and learn how human relationships can influence the life of the student. Exciting online video journeys to different areas of the world are also presented in the course.

Sociology II: Your Social Life Grade: 11-12
Prerequisite: Sociology I credit
Credit: ½
Sociology is the study of people, social life and society. The development of a sociological imagination will enable students to examine how society shapes human actions and beliefs, and how such actions and beliefs in turn shape society. Exciting online video journeys to different areas of the sociological world are also presented in the course.

World Religions: Exploring Diversity Grade: 11-12
Credit: ½
Throughout the ages, religions from around the world have shaped the political, social, and cultural aspects of societies. This course focuses on the major religions that have played a role in human history, including Buddhism, Christianity, Confucianism, Hinduism, Islam, Judaism, Shintoism, and Taosim. Students will trace the major developments in these religions and explore their relationships with social institutions and culture. The course will also discuss some of the similarities and differences among the major religions and examine the connections and influences they have.

Careers and Technology

Advanced Computer Science A Grade: 11-12
Credit: ½
In Advanced Computer Science A, you will describe the basic concepts of computer programming. You will compile and run a simple Java program. You will use arithmetic, relational, and logical operators. You will implement algorithms, and use different types of loop and decision-making statements. You will create and use classes. You will create and manipulate one-dimensional and two-dimensional arrays. You will perform sequential search, binary search, selection sort, and insertion sort on an array. You will explain and implement object-oriented programming design. You will implement inheritance, polymorphism, and abstraction. Further, you will describe privacy and legality in the context of computing.

Applied Medical Terminology Grade: 11-12
Credit: ½
Medical terminology helps students understand the structure and meaning of medical terms and identify medical terminology associated with various body systems. As the healthcare industry becomes more and more complex, developing expertise in accurately and efficiently identifying medical terms and their specific

application is essential to a growing variety of health care careers. This course begins to prepare students for those careers.

Careers in Criminal Justice Grade: 11-12
Credit: ½
The criminal justice system offers a wide range of career opportunities. In this course, students will explore different areas of the criminal justice system, including the trial process, the juvenile justice system, and the correctional system.

Early Childhood Education Grade: 11-12
Credit: ½
Want to have an impact on the most important years of human development? Students will learn how to create fun and educational environments for children, how to keep the environment safe for children, and how to encourage the health and well-being of infants, toddlers, and school-aged children.

Game Development Grade: 10-12
Credit: ½
Are you a gamer? That's what we thought. In this course, you'll learn the ins and outs of game development to prepare you for a career in the field. Whether it is the history of video games, character development, mobile game design, user interface design, social gaming, or the principles of development design and methodologies, this course covers it all. As you might guess, games are included in the course to enhance the learning experience and help assess your progress. While fun and highly engaging, the course focuses on laying a strong foundation for a career in game development.

Graphic Design and Illustration A Grade: 10-12
Credit: ½
This course will help students develop an understanding of the industry with a focus on topics such as history of graphic design, types of digital images, graphic design tools, storing and manipulating images, design elements and principles, copyright laws, and printing images. The course is based on career technical education standards designed to help students develop technical knowledge and skills needed for success in the graphic design industry.

Graphic Design and Illustration B Grade: 10-12
Prerequisite, Graphic Design A credit
Credit: ½
See above description, part A

Health Science 1 A Grade: 11-12
Credit: ½
The course is based on career technical education standards designed to help students develop technical knowledge and skills needed for success in the health science industry. Semester A is designed to enable all students at the high school level to understand the basic structure and function of the human body and it will help the students identify and analyze the diseases and medical procedures related to each body system. Semester B will help students develop an understanding of biomolecules such as proteins, carbohydrates, and lipids; biological and chemical processes; and various diseases that affect the body.

Health Science 1 B
Prerequisite: Health Science 1 A credit Grade: 11-12
Credit: ½
See above description, part A

International Business: Global Commerce in the 21st Century Grade: 11-12
Credit: ½
From geography to culture Global Business is an exciting topic in the business community today. This course is designed to help students develop the appreciation, knowledge, skills, and abilities needed to live and work in a global marketplace. It takes a global view on business, investigating why and how companies go international and are more interconnected.

The course further provides students a conceptual tool by which to understand how economic, social, cultural, political and legal factors influence both domestic and cross-border business. Business structures, global entrepreneurship, business management, marketing, and the challenges of managing international organizations will all be explored in this course. Students will cultivate a mindfulness of how history, geography, language, cultural studies, research skills, and continuing education are important in both business activities and the 21st century.

The Arts2

Art History and Appreciation Grade: 11-12
Credit: ½
Art has played a significant role in every major civilization throughout the history of man. The emergence of different art forms often reflects the values that a civilization deems important: religion, labor, love, political change, or even commerce. Since artwork and cultural values are so closely related, studying art is a compelling way to learn about the people who produced it.

Digital Photography I Grade: 10-12
Credit: ½
Digital photography 1 focuses on the basics of photography, including building an understanding of aperture, shutter speed, lighting, and composition. Students will be introduced to the history of photography and basic camera functions. Students use basic techniques of composition and camera functions to build a personal portfolio of images, capturing people, landscapes, close-ups, and action photographs.

Introduction to Fashion Design Grade: 10-12
Credit: ½
From components of fashion to Haute Couture to production, this course is focused on the practical aspects of career preparation in the fashion design industry. The 17 lessons in the course provide students with both breadth and depth, as they explore the full gamut of relevant topics in fashion design. Online discussions and course activities require students to develop and apply critical thinking skills while the included games appeal to a variety of learning styles and keep students engaged. Fascinating and practical, introduction to fashion design will appeal to, and enrich, many students.

Music Appreciation: the Enjoyment of Listening Grade: 10-12

Credit: ½

In a time of an increasing emphasis on STEM courses and skills, it remains essential to provide students with opportunities to explore the arts from both an informational and career-oriented perspective. In music appreciation, students will explore the history and evolution of music, learn the elements of music and musical notations, and the contributions of popular music artists and composers. A variety of lessons, activities, and discussions will help to develop an awareness and appreciation of music that will develop not only critical thinking skills, but life enriching skills as well.