

BEDFORD HIGH SCHOOL



2023-2024 PROGRAM OF STUDIES

Information for Students and Parents

Dr. Cassandra Johnson
Superintendent

Khalisha Lewis
Principal

Dominick Gruttadauria
Assistant Principal



Claire Gowing
Assistant Principal

Genia Watson-Brown
Assistant Principal

Approved by:

THE BEDFORD BOARD OF EDUCATION

Date

Eva Boyington, President
Anthony Akins, Vice President
Danielle Turner-Birch, Member
Brandon Lipford, Member
Sharyn Macklin, Member

PURPOSE OF THIS BOOKLET

This booklet is prepared to assist students and parents in selecting an appropriate course of study from the various subjects offered at the secondary school level. The school principals and counselors are prepared to advise all students in choosing an educational program best suited to their needs, interests, and abilities.

Course descriptions and subject offerings at the different grade levels are listed and a special outline sheet is included in order that an organized four-year program can be developed for the individual student.

COUNSELOR ASSIGNMENTS

Parents are encouraged to contact counselors either by telephone or in person if they wish further information or assistance concerning their son or daughter, be it personal matters or scheduling matters. Counseling and guidance responsibilities are divided by grade, as listed below. All counselors can be reached during the school day. Telephone numbers are listed below.

HESKETT MIDDLE SCHOOL

PHONE: 439-4472

Counselor Grades 6-8

Ms. Hogue	6
Mr. Greer	7
Mrs. School	8

BEDFORD HIGH SCHOOL

PHONE: 439-4848

Counselor Grades 9 -12**

Mr. Doug Dressman
Mrs. Bridget Graham
Mrs. Tanesha Paul
Ms. Dezerae Terrell
Mr. Scott Kronstain - Excel Academy

Opportunities are made available to all students to participate in all educational programs and activities regardless of race, national origin or disability.

The Bedford Board of Education, in compliance with the Title IX/Section 504 regulations, will not discriminate on the basis of gender, race, color, religion, age, disability or national origin in education programs and activities OR in employment practices. The Bedford Board of Education also provides equal access to the Boy Scouts and other designated youth groups. Inquiries concerning the application of the Title IX/Section 504 regulations may be referred to the district's Title IX/Section 504 coordinator, Samuel Vawters, at 475 Northfield Road, Bedford, OH 44146.

TABLE OF CONTENTS

GENERAL NOTES ON PROGRAM OF STUDIES

SUBJECT SUMMARIES

		Excel Academy	20
Registration Procedure	1	Advanced Placement (AP)	21
Course Requesting	1		
Planning an Appropriate Program of Study	1	AP English Literature & Composition	21
Personal Electronic Devices	2	AP English Language & Composition	21
Community Service	2	AP Statistics	21
Students of Promise	2	AP Calculus	21
Service Learning Seminar	2	AP Chemistry	22
Senior Project	3	AP Physics	22
Work Study	3	AP American History	22
Early Graduation	3	AP US Government & Politics	22
Late In or Early Out	4	AP World History: Modern	22
Schedule Changes	4	AP Computer Science Principles	23
Dropping and Adding Classes	4	AP Computer Science A	23
Library Resource Center	5	Art	24
Audits	5	Art I	24
Subject Sequence	5	Art II	24
Class Offerings	5	Art III	24
Grading Scale	5	Art IV	24
Fees	5	Wearable Design I	24
Ohio's Graduation Requirements	5	Wearable Design II	25
Exceptions to Requirements	6	Jewelry	25
Earning a High School Diploma	6	Ceramics	25
Steps to Graduation	7	Digital Photography I	25
Honors Diplomas	8	Digital Photography II	25
Academic Honors Diploma	8	Cadet Core	26
Career & Technical Honors Diploma	8	Cadet Core I, II, III, IV	26-27
STEM Honors Diploma	9	Capstone Courses	28
Arts Honors Diploma	9	Business Capstone	28
Social Science and Civic Engagement		Microsoft Office Capstone	28
Honors Diploma	10	Career and Technical Education (Heights Consortium)	29-41
Academic Recognition	10	Career Readiness Pathways	42
Honor Roll	10	Marketing Pathway	42
Achievement Roll	10	Teaching Pathway	42
Progress Book	10	ASL Pathway	43
Progress Reports	10	Career Readiness Electives	44
Report Cards	10	Employability in the Marketplace	44
Guidance Services	11	Computer Applications	44
Requirements for Grade Promotion	11	Personal Finance	44
Interscholastic/Extracurricular Eligibility		Professional Work Experience	44
Standards	11	Microsoft Office Capstone	44
College Freshman Athletic Eligibility	12	Introduction to Teaching	45
Ohio's College Credit Plus (CCP)	14	Intro to Auto Care	45
Recommended Career & Technical Education Program	14	Intro to Cybersecurity	45
Recommended Career & Technical College Preparatory Program	15	Pre-Engineering	45
Highly Recommended High School Graduation Pathway	16	Business Foundations	45
Recommended College Preparatory Program	17	Legal Environment of Business	46
Recommended Accelerated Collegiate Program	18	College Credit Plus (CCP)	47
Elective Subjects	19	Cuyahoga County Community College	47
Credit Flexibility	20	United States History to 1877	47
		United States History Since 1877	47
		College Composition I	47

College Composition II	47	Freshmen Physical Education	60
Introduction to Fiction	47	Swimming	60
Introduction to Poetry	47	Physical Education	60
Environment, Ecology, Evolution	47	Modified Physical Education	60
Human Biology	47	Lifetime Fitness and Athletic Training	60
English	48	Health Education	60
Reading Improvement	48	Nutrition and Wellness	61
Integrated Reading	48	Introduction to Dance	61
Language Arts Intervention	48	Comprehensive Dance	61
English I	48	Science	62
Pre AP English I	48	Physical Science	62
English II	49	Earth Science	62
Pre AP English II	49	Integrated Science	62
English III	49	Science in Society	62
Pre AP English III	49	Honors Biology	62
English IV	50	Biology	62
<u>Electives:</u>	50	Anatomy/Physiology	62
Acting	50	Biochemistry/Cell Biology	63
Songs of My People	50	Honors Chemistry	63
Speech and Debate	51	Chemistry	63
Writing for Publication	51	Physics	63
Literacy for English Learners	51	Biotechnology	63
Family & Consumer Science	51	Social Studies	64
Career & College Readiness	51	US Studies 1877-Present	64
Cooking/Culinary Fundamentals	51	US Studies 1877-Present (Honors)	64
Job Readiness & Transition Skills	52	World Studies 1750-Present	64
Career Exploration	52	American Government	64
Job Readiness Skills	52	<u>Electives:</u>	65
Independent Living	52	Integrated Social Studies	65
Mathematics	53	Early African American Studies	65
Integrated Math	53	Modern African American Studies	65
Math Intervention	53	Perspectives for a Diverse America	65
Algebra I	53	Sociology	65
Intensified Algebra	53	Economic	65
Algebra II	53	Psychology I	66
Honors Algebra II	53	Psychology II	66
Geometry	54	World Language	67
Honors Geometry	54	Spanish I	67
Probability and Data Analysis	54	Spanish II	67
Pre-Calculus	54	Spanish III	67
Financial Algebra	54	Spanish IV	67
Data Science Foundations	55	American Sign Language I	67
Math Modeling & Reasoning	55	American Sign Language II	67
Calculus	55	American Sign Language III	67
Personal Finance	56	American Sign Language IV	67
Math Course Sequencing	57		
Music Education	58	2023-2024 Course Selection	68-69
Marching Band/Symphonic Concert	58		
Marching Band/Wind Ensemble	58		
Flag Corps	58		
Orchestra	58		
Mixed Chorus	58		
A Capella Choir	58		
Madrigal	58		
Music Fundamentals and Theory	59		
Music Appreciation	59		
Music Technology	59		
Physical Education/Health	60		

BEDFORD CITY SCHOOLS BEDFORD, OHIO

Heskett Middle School and Bedford High School are chartered by the State Department of Education. The High School is also accredited by the North Central Association of Secondary Schools and Colleges.

REGISTRATION PROCEDURE

If a student is new or returning to the Bedford Schools, the following procedure should be followed:

1. Notarized residency affidavit
PLUS the following:
2. Proof of residency;
3. Child's birth certificate;
4. Child's Social Security card;
5. Immunization records (and the 2nd MMR shots and meningococcal meningitis for 7th and 8th graders);
6. Proof of legal guardianship or custody, if applicable;
7. School records, including official transcripts, if applicable;
8. Current Individualized Education Plan (IEP) for Special Education students when applicable.

COURSE REQUESTING

The underclassmen Course Requesting period will occur each school year in the beginning of the second semester. These requests should be made after careful consideration and with recommendations from teachers, guidance counselors, case managers, parents, and administration.

PLANNING AN APPROPRIATE PROGRAM OF STUDY

Before selecting one or more of the following programs of study, all students are urged to discuss their interests and goals with their parents. A counselor is available, should assistance be requested.

1. All students must enroll in a minimum of 5.25 credits or more each year.
2. The College Preparatory/Technical Preparatory program is designed for those who wish to go on to a college, university, or business/ technical school for specialized training in one or more specific fields. The catalog of the universities or schools of the student's choice should be consulted for specific requirements for admission.
3. The Cultural Arts program of study includes Fine Arts and Music. Students who have a special interest in either or both of these fields and a desire to make a career of art or music after graduation from high school and/or college should consider this program of study.
4. Career & Technical Education courses are for those students seeking a career objective in a specialized field or skilled area. It affords students the opportunity to gain entry-level skills and experience to enter into a selected career.

PERSONAL ELECTRONIC DEVICES

The Bedford City School District permits students to use their personal electronic devices (including, but not limited to iPods, iPads, laptops, smart phones, and tablets) at school under the supervision of a teacher or other official school staff member. Certain areas may be designated for personal device use.

A "Student Device Permission/Responsibility Acknowledgement", signed by the student and parent, must be on file. Students granted permission must log in daily and agree to abide by all terms and conditions outlined in the Bedford City School District's Acceptable Use Policy. Anyone who fails to abide by the terms and conditions will be subject to disciplinary action.

Note: the Bedford City School District is NOT RESPONSIBLE for personal devices that are lost, stolen, or damaged.

COMMUNITY SERVICE

Community Service work for the Graduation Seal shall be voluntary with no payment rendered for service and must be completed outside of normal school hours. Service credit will only be accepted from non-profit organizations and/or for elderly or disabled individuals that are not capable of performing the work themselves. Working for students' immediate families will not be accepted. In order to receive the Community Service Graduation Seal, students who transfer from outside districts are expected to complete 10 hours of community service for every year they are enrolled for 3 quarters or more. (Example: Student "A" transfers to BHS in December of their Sophomore year is required to complete 20 hours for graduation. Student "B" transfers to BHS in September of their Sophomore year is required to complete 30 hours for graduation.)

Students should turn in hours via online by logging into Naviance and clicking on the X2VOL link at the bottom of the screen.

STUDENTS OF PROMISE

The Students of Promise Program (SOP) is designed to provide identified students with academic, attendance and social-emotional support to lead them to on-time promotion to the next grade level and timely graduation. Students will spend one period each day working on such topics as coping skills, study skills, goal setting and planning, college decision-making and readiness, and community service/involvement. This is a local grant funded program that focuses on providing support to especially African American and Latino male students and their families. The grant not only provides curriculum and access to community resources but also a Linkage Coordinator who is embedded as a staff member at the high school and serves as a mentor, student advisor, life-coach, role model and advocate to program participants. The Linkage Coordinator works collaboratively with the building principal, teachers, student support teams and school personnel as well as parents, community leaders/organizations and stakeholders on behalf of the targeted population. Students are selected to participate in this program based on academics, attendance, and discipline records.

SERVICE LEARNING SEMINAR

A Service Learning Seminar is designed to provide interested upperclassmen (grades 11-12) with the opportunity to explore real world issues from multiple perspectives. The course will integrate meaningful community service with classroom instruction and independent research that enriches students' learning, teaches civic responsibility, and strengthens the surrounding community needs. Students will actively participate in meaningful service around a personal passion and compassion and practice the skills they are learning in class. Students will be expected to provide their own transportation to and from their service learning activities. This course will take on a blended-learning approach that includes such things as individual conferencing, onsite visits/observations, group seminars, independent

research, collaborative teamwork and, of course, field work. Students who are truly interested in making a difference are ideal candidates for this course. This is a one semester course worth ½ credit which can count as an elective toward graduation.

SENIOR PROJECT

Senior Project is an opportunity for those seniors who meet the requirements to develop an understanding of specific careers before graduating from Bedford High School. This internship takes place during the last three weeks of classes during the second semester of the school year. The experience of participating in the Senior Project can include shadowing a professional, research in a specific field, or assisting a social service agency. Remember that this project is designed to encourage Bedford High School students to examine work outside of high school, so that the student will be better prepared for life after graduation.

The criteria for seniors who would like to participate are as follows:

- Must be on target to graduate in June of the current school year (including credits, swimming, state tests, etc.)
- Has no unexcused absences in the senior year
- Has neither in school restriction or out of school suspension in the senior year
- Maintains an overall 2.5 grade point average or above
- Has no outstanding fees or fines as of April 30th of the graduation year

Principals have the right to make final decisions on all students interested in participating in senior project.

Seniors who successfully complete their senior project experience will have the privilege of wearing a senior project honor cord at graduation.

WORK STUDY

For students who are interested in earning work study credit, the Bedford City Schools provides two possibilities:

1. Consider enrolling in Professional Work Experience Capstone which is a 2 credit course that requires SOME seat time, as well as early release from school to allow for the work-study hours to be completed. The content of this course includes developing employability skills, writing a resume, enhancing oral communication skills through in-class presentations, career interest exploration, on-site job training and teacher visitations, etc. More on the course can be found on the Career and Technical Education page. It is open to any student over the age of 16.
2. Enrolling in the twilight COMPASS Academy will allow students to work after hours and earn up to 3 credits over their high school career for approved employment hours. (NOTE: 40 hours = 0.25 credit). Students will also need to successfully complete the Career Exploration course offered online in order to be awarded work study credit.

See your school counselor if you are interested in either of these options.

EARLY GRADUATION

Students are encouraged to take advantage of the full term of their secondary school career by attending Bedford High School for eight semesters. However, if there are unusual circumstances, a student may make an application for early completion of graduation requirements. At least one grading period prior to their intended graduation, interested students will need a 2.0 GPA, a minimum of 14 earned credits and have passed the English II and Algebra I End of Course exams. Upon application, a meeting will then take place to determine whether or not the application will be granted. Building level administration, a parent/guardian and student must be present. Decisions will be rendered prior to the start of the student's junior year. If granted, completion of graduation requirements must be met before the commencement date. Please note that it is the goal at Bedford High School to have all students, including all seniors, maintain a full schedule of classes. All classes should follow the sequences

outlined in this document. Students will not be permitted to take courses out of sequence in order to achieve Early Graduation status.

All students are encouraged to enroll in any of the many electives and options available to them throughout their full four years at the high school, including taking advantage of College Credit plus in their senior year if all other credits toward graduation have been attained.

LATE IN OR EARLY OUT

Seniors that are on track to graduate may have an early out or late start option. Students in this category must have all points required for End Of Course (EOC) exams and all credits on their school schedule.

~~As a reminder, students must earn 40 hours of community service to graduate and are encouraged to use early out /late start time to work toward meeting this requirement if necessary.~~ Students that do not have End Of Course exam credits completed and/or do not have all credits may not have an early out or late start option. Students that have not met EOC exam requirements must be enrolled in a testing intervention course as applicable. Students must have a full schedule if all graduation requirements are not on track.

SCHEDULE CHANGES

Students and their parents should carefully consider class choices for next year prior to the online course requesting period. Every effort will be made to ensure that students are enrolled in the courses they and their parents select. *The cancellation of specific classes or scheduling conflicts may require the student to be placed in alternative courses.*

While a schedule change after the school year has started may be seen as the solution to a current problem, a further consideration of the problem itself may lead to the recognition that there are other and, perhaps, better solutions that may be chosen.

Because of the commitments for hiring and assigning staff and the need to order textbooks and supplies, schedule changes will be made after the opening of the school year for the following reasons:

- Changes prescribed by staff for educational reasons; (for example, academic misplacement as verified by classroom teacher; overcrowding; substituting a course for a study hall);
- Changes to meet graduation requirements for seniors;
- Changes necessitated by the health of a student as verified by a physician;
- Changes due to summer school courses completed;

Career and Technical Education will not be dropped. These state-funded programs are staffed on the basis of student enrollment; enrollment must remain firm to maintain eligibility for state funds. It is understood, therefore, that a student who has applied for and been accepted into a Career and Technical Education program has made a commitment, confirmed by his or her parents, to remain in it for at least one year.

Please refer to the Course Request Handbook for additional information on scheduling and course requests.

DROPPING AND ADDING CLASSES

Adding a class may be done within the first week of school, (semester or year long courses). If a course is dropped during the first week of a course, the students will not receive a grade. Withdrawal after this time will be recorded as WP (Withdrawn Passing) if the current grade being earned is a C or better or as a WF (Withdrawn Failing) if grade average is a D or an F. Note that WP has no effect on the GPA, whereas a WF is the same as an F and is calculated as a failing grade in the student's GPA. No "Drop and Add" substitutions will be permitted after the above described timeline. Adding a class may be done *only within the first week* of the semester or year long course. **Any schedule changes,**

including all dropping or adding of courses, require the permission of a parent/guardian, principal, a teacher and a counselor. Any questions about schedule changes should be addressed to the appropriate school counselor within the first week of each semester. Any extenuating circumstances requiring a decision outside of this policy will need the approval of the building Principal.

LIBRARY RESOURCE CENTER

The Library Resource Center is available to all students of Bedford High School Monday through Friday from 7:30am to 3:30pm. The LRC offers a wide variety of library materials for reading, research, and study. Students will find many forms of media materials for their use including books, magazines, microfiche, audio and video tapes. Individual work stations are provided with computers. Students may utilize the LRC with classes, during study halls, lunch breaks or before and after school. INFOHIO is the State's digital library and is freely available to students and their parents.

AUDITS

Courses may be audited only if previously taken and passed. Audit status must be determined prior to the beginning of any class.

SUBJECT SEQUENCE

Subjects must be taken in proper sequence and prerequisites must be met.

CLASS OFFERINGS

The principal has the ultimate authority to change course placement decisions for all students. Please also note that any courses listed are subject to change based on student enrollment, district finances, and other circumstances.

GRADING SCALE

The Board-adopted district grading scale is as follows:

Grading Scale	Grade	Regular	Honors	AP/CCP
90-100	A	4.0	4.5	5.0
80-89	B	3.0	3.5	4.0
70-79	C	2.0	2.5	3.0
60-69	D	1.0	1.5	2.0
0-59	F	0	0	0

Report cards are issued on a nine-week basis. Letter grades rather than numerical grades are given. A copy of the district grading scale can be found in the Student handbook.

Note: All Advanced Placement (AP) and College Credit Plus (CCP) courses are weighted by one full weight. Class rank is determined with weighted grades included.

FEES

Additional fees may be charged for specific classes requiring consumable materials and membership dues. See the requirement for a fee payment in the Student Handbook. Note that failure to pay fees by September 15 may result in loss of privileges relative to participation in social events.

REQUIREMENTS FOR GRADUATION

Fifteen (15) credits are required credits, and a minimum of six (6) credits are elective credits.

Students are required to pass the state-mandated tests to be determined by the Ohio Department of Education (ODE), and complete 21 credits in order to earn a diploma. Specific requirements for graduation are as follows:

- English 4 Credits
English I, II, III, or AP or LCCC courses; English IV or AP, or LCCC courses
- Social Studies 3 Credits
Must include World Studies or LCCC courses, US/ Honors US Studies; and Government or AP Government
- Mathematics 4 Credits
Must include Algebra II or equivalent
- Science 3 Credits
Must include Biology or LCCC Biology course
- Health 1/2 Credit
- Physical Education* 1/2 Credit
- Electives 6 Credits
Must include Personal Finance as well as fine arts or Career Tech electives.

All students transferring into Bedford High School should see their assigned counselor to obtain a "Graduation Plan" prior to course selection. This will delineate for you courses which will and/or will not count towards your graduation from Bedford High School.

A credit is defined as one Carnegie unit of instruction earned for satisfactorily completing a year's work in a subject. No more than four one-quarter credits of Physical Education may apply toward graduation requirements.

***A student who, during high school, has participated in interscholastic athletics, marching band, or cheerleading for at least two full seasons is not required to complete any PE courses. However, that student is still required to complete and earn the ½ credit in another course of study.**

EXCEPTIONS TO REQUIREMENTS

Any exceptions to the Bedford High School graduation requirements may only be granted by written permission of the building principal and must be on file in the student's folder. Any course work for credit from sources outside of Bedford High School are subject to evaluation and approval by the building principal and according to district policy.

EARNING A HIGH SCHOOL DIPLOMA

We believe our students will rise to the high expectations set by the rigors of Ohio's Learning Standards for English Language Arts, mathematics, science and social studies. We also believe that receiving a diploma signifies that students have mastered high school level work and are well prepared to enter post-secondary institutes, the military or the workforce.

There is no one-size-fits-all way to graduate. Ohio gives you several options to qualify for a high school diploma. Please be aware of your options and work to graduate through one of the pathways prescribed by the ODE. You will find some more detail on each of the pathways on the following pages. In addition you can talk to your school counselor if you have further questions.

GRADUATION REQUIREMENTS FOR THE CLASS OF 2023 AND BEYOND

STEPS TO GRADUATION:

To earn a high school diploma, you must complete courses (Step 1) and then complete Steps 2 and 3 as outlined hereafter:

STEP 1:

Complete Courses to Graduate from Bedford High School

You must take and earn a minimum of 21 credits in specific subjects.

English language arts	4 credits
Health	½ credit
Personal Finance	½ credit
Mathematics	4 credits
Physical education	½ credit
Science	3 credits
Social Studies	3 credits
Electives	5 ½ credits

Other Requirements

You must receive instruction in economics and financial literacy and complete at least two semesters of fine arts.

You must also accrue 40 hours of community service over your 4 year high school career in order to graduate.

AND

STEP 2:

Show That You Are Academically Competent

Earn passing score (684) on the Algebra I and English II state end of course exams,

OR score a 500 on the ELA and/or Math AASCD, as determined by the IEP Team.

If testing is not your strength?

You have the option to show academic competence through one of the following three options:

OPTION 1:

Career Focus which includes 2 of the following: cumulative score of proficient or higher on 3+ Webxams within a career pathway, 12 point industry credentialing, Ohio-registered apprenticeship, work-based learning, proficiency of WorkKey exams, earning OhioMeansJobs

(OMJ) readiness seal

OR

OPTION 2:

Enlist in the Military via passage of the ASVAB and a contract (DD Form 4).

OR

OPTION 3:

Complete College Coursework in non-remedial math and/or English through the College Credit Plus program.

OR

OPTION 4:

ACT or SAT Remediation Free Scores by earning any of the following:

Subject	ACT	SAT
English Language Arts	English subscore of 18 (or higher)	Evidence-Based Reading and Writing score of 480 (or higher)
	Reading subscore of 22 (or higher)	
Mathematics	Subscore of 22 (or higher)	Score of 530 (or higher)

AND EVERYONE must also complete STEP 3:

AND

STEP 3:

Show That You Are Ready

Earn one diploma seals from the following Ohio seals options: OMJ, industry credential, state-issued license, college ready, military, citizenship, science, honors diploma, biliteracy, technology,

AND

Earn one additional seal from the above OR one of the following local seals: [community service](#), [Student Engagement](#), [Fine & Performing Arts](#)

**PLEASE SEE
COUNSELOR FOR MORE
DETAILS!**

HONORS DIPLOMAS (Note that for students graduating in the Class of 2023 and beyond, attainment of many of the following Honors Diplomas will meet various graduation requirements as well. These are noted with an asterisk*.)

High School students can gain state recognition for exceeding Ohio's graduation requirements through receiving an honors diploma. Bedford Students can pursue one-of five honors diplomas:

1. **Academic Honors***
2. **Career Tech Honors**
3. **STEM Honors***
4. **Arts Honors**
5. **Social Science & Civic Engagement Honors***

Academic Honors Diploma*

The Academic Honors Diploma includes high-level coursework; college and career readiness tests and real-world experiences challenge students.

Students must meet **all but one** of the following criteria, unless it is a minimum graduation requirement.

ACADEMIC HONORS DIPLOMA	
English	4 units
Math	4 units
Science	4 units, including 2 units of advanced science
Social Studies	4 units
World Language	3 units of one world language, or no less than 2 units of each of two world languages studied
Fine Arts	1 unit
GPA	3.5 on a 4.0 scale
ACT/SAT	ACT: 27 or higher/SAT: 1280 or higher

Career Tech Honors Diploma

Students must meet **all but one** of the following criteria, unless it is a minimum graduation requirement.

CAREER-TECH HONORS DIPLOMA	
English	4 units
Math	4 units
Science	4 units, including 2 units of advanced science
Social Studies	4 units
World Language	2 units of one world language
Electives	4 units of career-technical courses
GPA	3.5 on a 4.0 scale
ACT/SAT	ACT: 27 or higher/SAT: 1280 or higher/WorkKeys: 6 or higher on Reading for Information and 6 or high on Applied Mathematics
Field Experience	Complete a field experience and document the experience in portfolio specific to the student's area of focus
Portfolio	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
Additional Assessments	Earn an industry-recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical Competency Assessment or equivalent.

STEM Honors Diploma*

Students must meet **all but one** of the following criteria, unless it is a minimum graduation requirement.

STEM HONORS DIPLOMA	
English	4 units
Math	5 units
Science	5 units, including 2 units of advanced science
Social Studies	3 units
World Language	3 units of one world language, or no less than 2 units of each of two world languages studied
Fine Arts	1 unit
Electives	2 units with a focus in STEM
GPA	3.5 on a 4.0 scale
ACT/SAT	ACT: 27 or higher/SAT: 1280 or higher
Field Experience	Complete a field experience and document the experience in portfolio specific to the student's area of focus
Portfolio	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

Arts Honors Diploma

Dance, drama/theatre, music and visual art are areas of study in which students can earn Arts Honors Diplomas.

Students must meet **all but one** of the following criteria, unless it is a minimum graduation requirement.

ARTS HONORS DIPLOMA	
English	4 units
Math	4 units
Science	3 units, including 1 unit of advanced science
Social Studies	3 units
World Language	3 units of one world language, or no less than 2 units of each of two world languages studied
Fine Arts	4 units
Electives	2 units with a focus in fine arts
GPA	3.5 on a 4.0 scale
ACT/SAT	ACT: 27 or higher/SAT: 1280 or higher
Field Experience	Complete a field experience and document the experience in portfolio specific to the student's area of focus
Portfolio	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

Social Science and Civic Engagement Honors Diploma*

Students must meet ***all but one*** of the following criteria, unless it is a minimum graduation requirement.

SOCIAL SCIENCE AND CIVIC ENGAGEMENT HONORS DIPLOMA	
English	4 units
Math	4 units
Science	3 units, including 2 units of advanced science
Social Studies	5 units
World Language	3 units of one world language, or no less than 2 units of each of two world languages studied
Fine Arts	1 unit
Electives	3 units with a focus in social sciences and/or civics
GPA	3.5 on a 4.0 scale
ACT/SAT	ACT: 27 or higher/SAT: 1280 or higher
Field Experience	Complete a field experience and document the experience in portfolio specific to the student's area of focus
Portfolio	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

Please see the Ohio Department of Education Website or your School Counselor for more details.

ACADEMIC RECOGNITION

Students will be recognized in a variety of ways throughout the school year.

HONOR ROLL

Students whose grade point average is a 3.5 or higher are recognized by being placed on the Honor Roll.

ACHIEVEMENT ROLL

Students whose grade point average is a 3.3 to 3.499 are recognized by being placed on the Achievement Roll.

PROGRESS BOOK

Parents will also be able to access their child's ongoing progress by logging on to the district's web page at www.bedford.k12.oh.us and using the Bedford High School's pull down menu. After clicking on [gradebook](#) and entering your secure login and password, which will be assigned and mailed home in the fall of the school year, parents and students may monitor progress at any time through this resource.

PROGRESS REPORTS

An interim report will be available online through Gradebook. The progress report is generally available halfway through each of the four grading periods. Parents/guardians are encouraged to contact teachers for further information or for further explanation of the comments listed.

REPORT CARDS

The report card is the school's report to the students and families, giving the pupil's achievement and attendance record. Report cards will be available online every nine weeks, unless a hard copy is requested. A cumulative report card will be mailed home at the end of each school year. The final grade for each course is determined by the average of the nine-week grades and the semester examinations.

GUIDANCE SERVICES

Counselors provide opportunities for students as individuals or in groups to discuss feelings, attitudes, goals and problems in a confidential and supportive environment. Counselors confer with parents and teachers regarding the academic progress of students. Counselors provide materials and help students and their families learn about scheduling, state-mandated testing, careers, training opportunities, technical schools and colleges for further education, financial aid and scholarships. Information and the description of the college entrance examinations (ACT and SAT) are available to students. An official record of credits, grades, test scores, interests, and career goals will be maintained at Bedford High School.

REQUIREMENTS FOR GRADE PROMOTION

Promotion to Grade 9:

8th grade students must have successfully completed 4 out of 4 required academic subjects (language arts, math, science, social studies).

Promotion to Grade 10:

Students must earn a minimum of 5 credits.

Promotion to Grade 11:

Students must earn a minimum of 10 credits.

Promotion to Grade 12:

Students must earn a minimum of 15 credits.

INTERSCHOLASTIC/EXTRACURRICULAR ELIGIBILITY STANDARDS

A student must pass *two standards* to be eligible to participate in athletics in the Bedford City School District. The first standard the student must pass is the Ohio High School Athletic Association requirement of passing 5 credits 9-12th grade, or 5 classes 7-8th grade. If the student does not meet this standard, they are ineligible until the next quarter's grades are posted. The student may not qualify for the second standard. If the student qualifies under the first standard of eligibility, they will also have to meet the second standard set by the Bedford Board of Education.

Standard One

Ohio High School Athletic Association Standards

Grades 9-12

To be eligible under the standards of the association you must be scheduled for and pass no less than 5 credits per quarter. Fall eligibility is based on the previous 4th quarter grading period; winter eligibility is based on the 1st quarter grades and the 2nd quarter scheduled classes; spring eligibility is based on 3rd quarter grades. *Summer school grades do not count toward eligibility. (Note that incoming freshmen participating in fall sports must pass 5 classes during the fourth quarter of their 8th grade year.)*

Standard Two

Bedford City School Standards

1. To be eligible you must meet state standards and carry at least a 2.00 GPA. If you meet the state standards, but not the Bedford standard, you may still participate but you will be declared conditional. The conditional period will end at the midterm.
2. If you are on a conditional basis you will still be able to participate as if you were eligible, but you must go to study table, have tutoring on your schedule or get tutoring after school from a teacher you currently have for class.
3. You must achieve a 2.000 GPA or higher by the midterm to continue to participate. If you do not, you will no longer be on the team or in the activity for the remainder of that quarter.
4. If 3 hours of intervention is not completed, you will be removed from events until the quarter report card.

SPECIAL NOTE FOR ATHLETIC ELIGIBILITY

As students are scheduling, please keep in mind the following additional criteria for athletic eligibility:

- Freshmen must have passed five (5) classes in the fourth quarter of the eighth grade.
- Students in grades 9-12 must **carry and pass** five credits.
- **Summer school coursework does not count toward 1st quarter eligibility. First quarter eligibility is strictly based on 4th quarter grades of the prior school year.**

COLLEGE FRESHMAN ATHLETIC ELIGIBILITY REQUIREMENTS (entering college BEFORE August 1, 2015)

Academic requirements for freshmen participating in NCAA (Division I) sports include:

- Graduation from high school
- Complete these 16 core courses:
 - 4 years of English;
 - 3 years of math (algebra 1 or higher);
 - 2 years of natural or physical science (including one year of lab science, if offered by your high school);
 - extra year of English, math, or natural or physical science;
 - 2 years of social studies;
 - 4 years of extra core courses (from any category above, a world language, or a comparative religion/philosophy course);
 - Earn a minimum required grade point average in your core courses; and
 - Earn a combined SAT or ACT sum score that matches your core-course grade point average with the test score sliding scale located in the NCAA Clearinghouse packet (e.g., a 2.40 core course grade point average needs an 860 SAT) (or a 71 ACT sum score from English, math, reading and science subscores).

NCAA DIVISION I INITIAL ELIGIBILITY ACADEMIC REQUIREMENTS (for class of 2016 and beyond)

1. A **Full Qualifier** is a student who can practice, receive athletic aid/scholarship, and compete in his/her first year.
2. A student who is deemed **Academic Redshirt** is one who receives athletic aid in the first year, practices during the first regular term, but does not compete in the first year.
3. A **Non-Qualifier** is a student who receives no aid, does not practice, and does not compete in the first year.

A Full Qualifier will need to meet the following requirements to **receive athletic aid, practice and compete** in his/her first year:

- 16 core courses in the following areas:
 - o 4 years English;
 - o 3 years math at Algebra 1 level or higher;
 - o 2 years natural or physical science (one lab if offered at any high school attended);
 - o 1 year additional English, math or natural/physical science;
 - o 2 years social science; and
 - o 4 years additional from areas above or foreign language, philosophy or comparative religion.
 - o Ten of the 16 core courses must be completed before the start of the seventh semester (senior year) of high school.
 - o Seven of the 10 core courses must be English, math or natural or physical science.
- Have a minimum core-course grade point average of 2.300;
 - o Grades earned in the 10 courses required before the seventh semester are “locked in” for purposes of grade point average calculations.

- o A repeat of any of the “locked in” courses will not be used to improve the grade point average if the repeat occurs after the seventh semester begins.
- Graduate from high school.
- Earn the ACT/SAT score matching core course GPA on the Division I sliding scale.

Academic requirements for freshmen participating in NCAA (Division II) sports include as a Full Qualifier:

- Graduation from high school
- Complete these 16 core courses*:
 - o 3 years of English;
 - o 2 years of math (algebra 1 or higher);
 - o 2 years of natural or physical science (including one year of lab science, if offered by your high school);
 - o 3 extra years of English, math, or natural or physical science;
 - o 2 years of social studies;
 - o 4 years of extra core courses (from any category above, a world language, non-doctrinal religion or philosophy);
- Earn a 2.00 grade point average or better in your 16 core-courses; and
- Earn the ACT/SAT score matching your core course GPA on the Division II Full Qualifier sliding scale.

In addition to the above standards, you must complete the application for the NCAA Clearinghouse. Please see your guidance counselor for further details.

Partial Qualifier information and sliding scales for both division I and II for ACT/SAT scores and other eligibility details can be found at the NCAA Eligibility Center, www.ncaa.org/student-athletes/future/eligibility-center.

Note: It is the student athlete’s responsibility in conjunction with his/her guidance counselor, to confirm that they are meeting NCAA course requirements and enrolled in approved NCAA courses.

OHIO’S COLLEGE CREDIT PLUS (CCP)

The CCP program offers highly motivated students the opportunity to simultaneously earn secondary (high school) and post-secondary (college) credit for college-level courses at no cost to the students (with the exception of select private colleges). All students enrolled at BHS are eligible to apply to participate. Eligible post-secondary institutions include community colleges, post-secondary vocational technical institutions, state universities, and select private colleges and universities. Students interested in this program must meet BHS graduation requirements plus any enrollment requirements the post-secondary institutions have. **Students must indicate to school officials (principal or school counselor) their intent to participate by March 30th of the year prior to the year of intended participation.** The Bedford School District will provide counseling services to 7th through 12th grade students and their parents/guardians prior to participation in the CCP Program. Counseling will address the advantages and the possible risks and consequences of participating in the program.

BHS offers some CCP courses on our campus through a partnership with Lorain County Community College (LCCC). These courses are listed below. All eligibility requirements for the CCP program apply to both BHS on-site courses and any courses taken at institutions off-site. Contact your counselor with any questions.

IT IS THE STUDENT’S RESPONSIBILITY TO MEET ALL NECESSARY APPLICATION REQUIREMENTS AND DEADLINES.

COLLEGE CREDIT PLUS ON-SITE COURSES

- United States History (Tri-C HST 1510/1520)
- College Composition (Tri-C ENG 1010/1020)
- Intro to Poetry/Fiction (Tri-C ENG 2410/2420) - may not be offered until 2024-2025
- Environment, Ecology, Evolution (Tri-C BIO 1060)
- Human Biology (Tri-C BIO 1050)

COLLEGE CREDIT PLUS (CCP) RECOMMENDED PATHWAYS

CCP Course options by year to attain at least 15-30 college credits (in partnership with Tri-C)

This pathway will be offered during the 2024-2025 school year.

	15+ credit pathway	30+ credit pathway	
GRADE			CREDIT
9	SDEV 102	SDEV 102	3
10		HSTR 161 HSTR 162	3 3
11		ENGL 161 ENGL 162	3 3
12	ENGL 161 ENGL 162	ENGL 255 ENGL 257	3 3
	BIOG 151 BIOG 152	BIOG 151 BIOG 152	4 4
		MTHM 158 MTHM 171	3 3
TOTAL CREDIT HOURS AVAILABLE:	17	35	

NOTE: All CCP classes will be weighted 1 (one) full point in the GPA calculations.

Recommended Career & Technical Education Program				
Subject	9th Grade	10th Grade	11th Grade	12th Grade
English	English I	English II	English III	English IV
Social Studies	World Studies	US Studies	Government	Electives
Mathematics	Algebra I OR Intensified Algebra	Geometry	Probability/Data Analysis and Financial Alg	Math Modeling and Reasoning OR Data Science Foundations
Science/Elective	Physical Science	Biology	Earth Science	
Physical Education/ Elective	Freshmen Phys Ed	Health/Personal Finance		
Electives			Career & Technical Education	Career & Technical Education
General Business	Employability	Computer Apps		
Career Technology Programs	See the Career-Technical Supplement for more detail			

Choices of electives should be based on interests and career goals and should be planned after discussion with the counselor and teachers.

Career & Technical Education Preparatory Program: Many students will plan to enter workforce or advanced job-training immediately after graduation. In order to be prepared with the skills that will meet the current needs of business and industry they should explore their career interest in one of the Career & Technical training programs offered at Bedford High School.

Recommended Career & Technical College Preparatory Program				
Subject	9th Grade	10th Grade	11th Grade	12th Grade
English	English I	English II	English III	English IV
Social Studies	World Studies	US Studies	Government	Social Studies Elective
Mathematics	Algebra I	Geometry	Algebra II OR MMR	Pre-Calculus OR Data Science OR AP Stats
Science	Physical Science	Biology	Science and Society	Chemistry OR Physics OR Biotechnology
Physical Education Elective	Freshmen Phys. Ed.	Health/Personal Finance		
Elective	World Language or Elective	World Language		
Elective	Employability Additional Elective (see below)	Additional Elective (see below)	Career Tech Elective (see below)	Career Tech Elective (see below)
Elective	Additional Elective (see below)	Additional Elective (see below)	Career Tech Elective (see below)	Career Tech Elective (see below)

ADDITIONAL ELECTIVES: Art, Music, Computer Applications, Individual Investigation. See Subject Summaries for details. Choices of electives should be based on interests and career goals and should be planned after discussion with the counselor and teacher.

Recommended High School Graduation Pathway (Highly designed for those students falling short of 18 points on state tests)				
Subject	9th Grade	10th Grade	11th Grade	12th Grade
English	English I	English II	English III	English IV and Integrated Reading
Social Studies	World Studies	US Studies	American Government	Integrated Social Studies
Mathematics	Algebra I	Geometry	Probability/Data Analysis and Financial Alg	Math Modeling and Reasoning
Science	Physical Science	Biology	Earth Science	Integrated Science
Physical Education Elective	Freshmen Phys. Ed.	Health/Personal Finance	Phys Ed. Elective	Phys Ed. Elective
World Language	Spanish OR American Sign Language	Spanish OR American Sign Language	Spanish OR American Sign Language	Spanish OR American Sign Language
Electives	Freshman Concepts	Employability OR Computer Apps	College Test Prep OR Microsoft Office Specialist	LCCC College Success

Recommended College Preparatory Program				
Subject	9th Grade	10th Grade	11th Grade	12th Grade
English	English I	English II	English III OR CCP English Comp	English IV OR CCP English Poetry and Fiction
Social Studies	World Studies	US Studies	Government	Social Studies Elective
Mathematics	Geometry	Algebra II OR MMR	PreCalculus OR Data Sci Found OR AP Statistics	Calculus OR Data Sci Found OR AP Statistics OR CCP Algebra & Quantitative Reasoning
Science	Physical Science	Honors Biology or Biology	Chemistry OR Honors Chemistry OR Physics OR CCP Biology	Science in Society OR Anat/Phys OR Biochem/Cell Bio OR Physics OR CCP Biology
Health/ Physical Education	Freshmen Physical Education	Health/Personal Finance	Phys. Ed. Elective	Phys. Ed. Elective
World Language	Spanish OR American Sign Language	Spanish OR American Sign Language	Spanish OR American Sign Language	Spanish OR American Sign Language
Electives	Employability OR Additional Electives	Computer Apps. OR LCCC Strategies for Success OR Additional Electives (see below)	College Test Prep OR LCCC Strategies for Success OR Additional Electives (see below)	Fine Arts OR LCCC Strategies for Success OR Additional Electives (see below)

ADDITIONAL ELECTIVES: Art, Music, Computer Applications, Individual Investigation. See Subject Summaries for details. Choices of electives should be based on interests and career goals and should be planned after discussion with the counselor and teacher.

College Preparatory Program is for students who choose to pursue a four-year college degree. Most universities have standard requirements for unconditional acceptance. In order to be properly prepared and to avoid noncredit remedial classes students should plan to meet those standards identified in the Recommended College Preparatory Program or the Accelerated Collegiate Program.

Recommended Accelerated Collegiate Program				
Subject	9th Grade	10th Grade	11th Grade	12th Grade
English	Pre AP English II	Pre AP English III	CCP English Composition OR AP English Literature	CCP English Poetry & Fiction OR AP English Language
Social Studies	AP World History	AP US History	AP Government	Elective OR AP Microeconomics
Mathematics	Honors Algebra II	Pre-Calculus OR AP Stats	Calculus/AP Calc OR CCP Algebra and Quant Reasoning OR AP Stats	Calculus/AP Calc OR AP Stats OR CCP Algebra and Quant Reasoning
Science	Honors Biology	Honors Chemistry OR Physics OR CCP Biology	Anat/Physio and Biochem/Cell Bio OR Physics OR AP Physics OR AP Chemistry OR CCP Biology	Anat/Physio and Biochem/Cell Bio OR Biotechnology OR AP Chemistry OR Physics OR AP Physics OR CCP Biology
Health/PE	Freshman PE	Health/Personal Finance	Personal Fitness	
Elective	Employability or Computer Apps. OR Additional Elective (see below)	Computer Apps. OR Additional Elective (see below)	College Test Preparation	
World Language	Spanish OR American Sign Language	Spanish OR American Sign Language	Spanish OR American Sign Language	Spanish OR American Sign Language

ADDITIONAL ELECTIVES: Art, Music, Computer Apps, Individual Investigation, & Technical Education. See Subject Summaries for details. Choices of electives should be based on interests and career goals and should be planned after discussion with the counselor and teacher.

Accelerated Collegiate Program is for students that choose to pursue a four-year college degree. Most universities have standard requirements for acceptance. In order to be properly prepared and to avoid noncredit remedial classes students should plan to meet those standards identified in the Recommended College Preparatory Program or the Accelerated Collegiate Program.

ELECTIVE SUBJECTS				
Subject	9th Grade	10th Grade	11th Grade	12th Grade
Art	Art I Wearable Design Digital Photography I Digital Photography II	Art I Art II Jewelry Wearable Design Digital Photography I Digital Photography II	Art I Wearable Design Art II Art III Jewelry Ceramics Digital Photography I Digital Photography II	Art I Wearable Design Art II, Art III Art IV Jewelry Ceramics Digital Photography I Digital Photography II
Business	Computer Apps. Employability	Personal Finance Computer Apps. Employability	Personal Finance Computer Apps.	Personal Finance Computer Apps.
World Language	Spanish OR American Sign Language	Spanish OR American Sign Language	Spanish OR American Sign Language	Spanish OR American Sign Language
Music	Music Fundamentals Mixed Chorus Orchestra Flag Corps Marching Band Symph/Concert Band Wind Ensemble Music Appreciation Music Technology	Music Fundamentals Mixed Chorus Orchestra Flag Corps Marching Band Symph/Concert Band Wind Ensemble Music Appreciation Music Technology A Cappella Choir	Music Fundamentals Mixed Chorus Orchestra Flag Corps Marching Band Symph/Concert Band Wind Ensemble Music Appreciation Music Technology A Cappella Choir Madrigal	Music Fundamentals Mixed Chorus Orchestra Flag Corps Marching Band Symph/Concert Band Wind Ensemble Music Appreciation Music Technology A Cappella Choir Madrigal
Physical Education	Freshmen Physical Education	Health/Personal Finance	Lifetime Fitness Nutrition	Lifetime Fitness Nutrition

NOTE: The courses listed on this chart may be helpful in planning the proper sequence of courses within a subject area. Students following a college preparatory schedule and students pursuing career & technical programs should check the course descriptions.

CREDIT FLEXIBILITY

Students may earn high school credit by demonstrating mastery of essential content and skills addressed in any traditional course offered in the high school, as well as other areas of interest through the Board-adopted policy and procedures for Credit Flexibility. This work may be completed through academically focused educational options, which may include: testing for credit, independent coursework, summer learning, online courses, and internships. If a student is interested in applying for this option, he/she should see their grade level counselor for an application packet and further guidance. Deadlines for proposal submission are as follows: April 30 (full year or fall semester) or November 30 (spring semester).

Excel Academy

The Excel Academy, located in the South wing of Bedford High School, is a credit recovery program designed to assist students achieve on-time graduation. The Academy uses a blended online learning instructional program platform to provide students with necessary content. Academy students' work online during the school day under the guidance of classroom teachers who give clarity and assistance as needed. The Academy provides a comprehensive curriculum that offers a broad range of courses that is fully accredited by five associations for schools and colleges. Students must be recommended for this program by their grade level principal and approved by the building principal. Additionally, the Excel Academy Twilight program, operating from 2:45 – 4:45 pm daily, offers the opportunity for students to extend their learning by completing course work outside of the traditional school day. Again, this work is completed with the guidance of staff members who are available for clarity and assistance.

ADVANCED PLACEMENT (AP) COURSES

Please note that all AP classes will be weighted 1 (one) full weight in the final GPA calculation.

Also NOTE: In order for students to be better prepared for the college level of rigor in the AP courses, students may be required to complete summer reading(s) and/or assignment(s) as well as to purchase paperback books.

AP ENGLISH LITERATURE & COMPOSITION **Grade 11** **1 Period Daily** **Yearlong** **1 Credit** **Prerequisite: Successful completion of** **Honors English III**

This course offers an in-depth study of literature and will emphasize advanced analytical composition and reading in preparation for the Advanced Placement exam at the end of the year. It is assumed that students enrolled in this course will be able to devote many hours of out of class time to the required reading, writing, and research. Students enrolled in Advanced Placement English Language must conduct themselves with the maturity and responsibility appropriate to advanced study.

NOTE: Students will be required to take the AP Exam in the spring with the district covering the test registration fee. Students earning a 3, 4, or 5 on the exam will be reimbursed the \$65 test fee. Please note that depending on enrollment figures, this course may be offered on-line.

AP ENGLISH LANGUAGE & COMPOSITION **Grade 12** **1 Period Daily** **Yearlong** **1 Credit** **Prerequisite: Successful completion of** **Honors English III and/or AP English** **Literature and Composition or** **recommendation of the teacher and** **counselor. Students who take Honors** **English 1 in Grade 9 should take this class** **as their senior English credit.**

This course offers an in-depth study of college level writing, specifically in the art of rhetoric and will emphasize advanced analytical composition and reading in preparation for the Advanced Placement Exam at the end of the year. It is assumed that students enrolled in this course will be able to devote many hours of out of class time to the required reading, writing, and research. Students enrolled in Advanced Placement English Language must conduct themselves with the maturity and responsibility appropriate to advanced study.

NOTE: Students will be required to take the AP Exam in the spring with the district covering the test registration fee. Students earning a 3, 4 or 5 on the exam will be reimbursed the \$65 test fee. Please note that depending on enrollment figures, this course may be offered online.

AP STATISTICS **Grades 10, 11, 12** **1 Period Daily** **Yearlong** **1 credit** **Prerequisite: Algebra II or equivalent with a** **grade of "C" or better**

This course deals with the study of statistical concepts used in mathematics, science and engineering. Topics include data collecting, displaying and describing categorical data, displaying quantitative data, and summary statistics. This course is designed to prepare students to take the AP Statistics Examinations, which may enable the student to receive college credit in mathematics and/or proper placement in other college courses. **NOTE: Students will be required to take the AP Exam in the spring with the district covering the test registration. Students receiving a 3, 4, or 5 on the exam will be reimbursed the \$65 test fee. A graphing calculator is required.** * Please note that due to enrollment figures, this course may be offered on-line.

AP CALCULUS **Grade 11, 12** **1 Period Daily** **Yearlong** **1 credit** **Prerequisite: Recommendation of** **pre-calculus teacher.**

This course will cover topics in differentiation and integration, with applications in the field of physics. **NOTE: Students will be required to take the AP Exam in the spring with the district covering the test registration. Students receiving a 3, 4, or 5 on the exam will be reimbursed the \$65 test fee. A graphing calculator is required.*** Please note that due to enrollment figures, this course may be offered on-line.

AP CHEMISTRY

Grades 11, 12 10 Periods Weekly
Yearlong 1 Credit

Prerequisite: Successful completion of Honors Chemistry with a grade of "C" or better. Also completion or concurrent study of Algebra II is recommended.

This course is designed as a rigorous second course in chemistry, which will introduce able and motivated students to a college-level study of chemistry. The course Advanced Placement Exam, when successfully completed, may enable the student to receive college credit and/or proper placement in other college chemistry courses. The course will cover topics including, but not limited to, thermodynamics, electrochemistry, equilibrium systems, quantum mechanics, and qualitative analysis. Laboratory activities are an integral part of this course.

Each student is required to complete library research and experimentation on his/her topic. **NOTE: Students will be required to take the AP Exam in the spring with the district covering the test registration. Students receiving a 3, 4, or 5 on the exam will be reimbursed the \$65 test fee.** Please note that depending on enrollment figures, this course may be offered on-line.

AP PHYSICS

Grade 11-12 10 Periods Weekly
Yearlong 1 Credit

Prerequisite: Recommendations of science teachers and completion of or concurrent enrollment in Pre-Calculus.

This course will be an algebra-based look at several types of motion, forces, energy analysis, wave theory and electromagnetism. Students must have a graphing calculator and keyboarding skills. **NOTE: Students will be required to take the AP Exam in the spring with the district covering the test registration. Students receiving a 3, 4, or 5 on the exam will be reimbursed the \$65 test fee.** Please note that depending on enrollment figures, an AP Physics course may be offered on-line.

AP UNITED STATES HISTORY

Grades 10, 11, 12 1 Period Daily
Yearlong 1 Credit

Note: 10th graders may take course with teacher recommendation.

*Bedford High School
Program of Studies 2022-2023*

This course will introduce able and motivated students to college-level study of American History. The course and optional Advanced Placement Exam, when successfully completed, may enable the student to receive college credit and/or proper placement in other college courses in history. The course will cover the history of the United States from Colonial Times to the present. **NOTE: Students will be required to take the AP Exam in the spring with the district covering the test registration. Students receiving a 3, 4, or 5 on the exam will be reimbursed the \$65 test fee.**

AP US GOVERNMENT AND POLITICS

Grades 11, 12* 1 Period Daily
Yearlong 1 Credit

Prerequisite: teacher recommendation and the following recommended courses:

Honors 10th grade World Studies

Honors 9th grade U.S. Studies

This college-level course will challenge academically capable students to critically analyze politics and governments, specifically US government and politics. Students will be expected to interpret, examine, and analyze US politics, including the institutions, groups, belief systems, and ideas that make up the government and political system. The format of the class will include reading, writing, group work, analysis of primary and secondary sources, lecture, and oral/written assessment. **NOTE: Students will be required to take the AP Exam in the spring with the district covering the test registration.** Please note that this course will provide a strong basis for the rigors of additional college level classes in the junior and senior years.

**This course is highly recommended in the JUNIOR year since there could be an End-of-Course assessment attached which is used to determine graduation status. Waiting until the senior year is NOT advised unless you have already taken the Government EOC, and earned 3 points.*

AP WORLD HISTORY: MODERN

Grades 10, 11, 12 1 Period Daily
Yearlong 1 Credit

AP World History: Modern is designed to be the equivalent of an introductory college or university survey of modern world history. In AP

*12/8/22
Page 22*

World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places; humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.

NOTE: Students will be required to take the AP Exam in the spring with the district covering the test registration. Students receiving a 3, 4, or 5 on the exam will be reimbursed the \$65 test fee. Summer reading and accompanying assignments may be required and students may need to purchase paperback books.

AP COMPUTER SCIENCE PRINCIPLES
Grades 11, 12 **7 Periods Weekly**
Yearlong **1 Credit**
Prerequisite: Successful completion of Algebra I.

The AP Computer Science Principles course introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. This course is designed to be equivalent to a first-semester introductory college computing course. In this course, students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. This course differs from other computer science courses in that its focus is on fostering student creativity. Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using computer software and other technology to explore questions that interest them. They will also develop effective communication and collaboration skills, work individually and collaboratively to solve

problems, and discuss and write about the importance of these problems and the impacts to their community, society and the world.

(NOTE: Students will be required to take the AP Exam in the spring with the district covering the test registration. Students receiving a 3, 4, or 5 on the exam will be reimbursed the \$65 test fee.)

AP COMPUTER SCIENCE A
Grades 11, 12 **7 Periods Weekly**
Yearlong **1 Credit**
Prerequisite: Successful completion of Algebra II.

The AP Computer Science A course is designed to be equivalent to a first-semester college-level course in computer science and focuses on computing skills related to programming in Java. Topics covered in this course include problem solving, design strategies and methodologies, data structures, approaches to processing data, careful examination of possible solutions, and the ethical and social implications of computer use. Students in this course will:

- *Design, implement and analyze solutions to problems
- *Develop and utilize appropriate data structures and algorithms to solve new problems
- *Write fluent solutions in an object-oriented paradigm
- *Write, run, test and debug solutions in Java
- *Read and understand programs containing several classes and interacting objects
- *Read and understand the design and development process of programs

This course prepares students to continue their study of computer science and its integration into computing and STEM fields but is also appropriate for those intending to study other disciplines but who want to be informed citizens in our technological society.

NOTE: Students will be required to take the AP Exam in the spring with the district covering the test registration and the fees associated with taking the Exam.

ART

Courses in this department meet the fine arts requirements for unconditional admission to state universities in Ohio.

Please note: materials furnished for students, such as brushes, paints, etc., which may be depleted or ruined by lack of student care are subject to replacement at student cost.

ART I

Grades 9, 10, 11, 12 **1 Period Daily**
Yearlong **1 Credit**
Fee: \$20.00

Art I is open to all students regardless of career program. This course will explore the fundamentals of visual arts. **Areas Covered Include:** Drawing, painting, lettering, color theory, basic design, and perspective. Quality work is expected while developing an appreciation for the arts. Students may be required to purchase additional materials for this class.

ART II

Grades 10, 11, 12 **1 Period Daily**
Yearlong **1 Credit**
Fee: \$20.00

Prerequisite: Art I

Art II provides an opportunity for students to further develop and broaden their skills learned in Art I.

Areas Covered Include: Varieties of drawing techniques, and mediums, design, painting analysis, painting, calligraphy and ink drawing. Students are to become increasingly attuned at interpreting and making judgments about visual images. Students may be required to purchase additional materials for this class.

ART III

Grades 11, 12 **1 Period Daily**
Yearlong **1 Credit**
Fee: \$20.00

Prerequisite: Art II

ART III provides the interested art student with opportunities to further enhance artistic skills while developing independent work habits and judgments.

Areas Covered Include: Advanced figure drawing, varieties of mediums, portraiture, abstraction, construction of original paintings, and an option for nine weeks of concentration on an art area of the student's choice. Students may be required to purchase additional materials for this class.

ART IV

Grade 12 **2 Periods Daily**
Yearlong **2 Credits**

Fee: \$20.00

Prerequisite: Art III

The student will be given an opportunity for specialized and technical instruction in art according to individual interests, talents, and skills. The attitudes necessary for success in the field of art either as an amateur or a professional artist are emphasized. Students will make an art portfolio, which will contain examples of their best work. The portfolio can be used for college entrance or for job placement during school or after graduation. Students may be required to purchase additional materials for this class.

WEARABLE DESIGN I

Grades, 9, 10, 11, 12 **1 Period Daily**
Semester **1/2 Credit**
Fee: \$10.00

Explore drawing techniques in order to design clothing for men and women. Study the clothing styles of noted designers. Explore the history of fashion from the Roman Toga to Plastic and Futuristic clothing. By the end of this course you will have developed your own personal style of fashion illustration and design. Learn to illustrate your design from creation of a personal fabric pattern. Continue to build your illustration skills and add to your knowledge of the world of fashion through an individualized program based on your own interests and needs. Students will learn to illustrate the male fashion figure and create menswear illustrations. Students may select this class either semester or all year. Students re-electing Wearable Design will be working on an individual basis to improve their workmanship. Note that seniors will have priority in signing up for this class. Students may need to supply some of the materials.

WEARABLE DESIGN II**Grades 9, 10, 11, 12****1 Period Daily****Semester****1/2 Credit****Fee: \$10.00****Prerequisite: Wearable Design I**

Explore textile techniques in order to create clothing and accessories for men and women. Study the clothing styles of noted designers. Experience the basics of textiles through sewing, weaving, embroidery, silk painting, tie-dye, and upcycled crafts. By the end of this course you will have developed your own personal style of fashion design. Learn to create your design into a personal fabric pattern. Continue to build your illustration skills and add to your knowledge of the world of fashion through an individualized program based on your own interests and needs. Students will learn to illustrate the male fashion figure and create menswear. Note that seniors will have priority in signing up for this class. Students may need to supply some of the materials.

JEWELRY**Grades 10, 11, 12****1 Period Daily****Semester****1/2 Credit****Fee: \$10.00**

Jewelry is open to students in 10th, 11th and 12th grades. Seniors have first priority in signing up for this class. Jewelry making methods will be studied, and students will make their own rings, bracelets and pins to take home. Students may select this class in Either semester or all year in grades 10, 11 and 12.

Students re-electing Jewelry will be working on an individual basis to improve their workmanship. Note that seniors will have priority in signing up for this class. Students may be required to purchase additional materials for this class.

CERAMICS**Grades 11, 12****1 Period Daily****Semester****1/2 Credit****Fee: \$10.00**

Students will work with clay in this class. Instruction in both hand building methods as well as wheel throwing will be taught. Students will be introduced to pottery and kiln firing methods. Students reelecting Ceramics will be working on an

individual basis to improve their workmanship in ceramics. Seniors will have first priority in signing up for this class. Students may select Ceramics in either semester or all year in Grades 11 and 12. Students may be required to purchase additional materials for this class.

DIGITAL PHOTOGRAPHY I**Grades 9, 10, 11, 12****1 Period Daily****Semester****1/2 Credit****Fee: \$20.00**

This course is for students who are interested in learning the basics of photography. Students will learn to take their own photos and edit them. Students will study current and historical photographs and photographers to help form their own unique perspective. Note that seniors will have priority in signing up for this class. Students will need to supply a digital camera (or a phone with camera).

DIGITAL PHOTOGRAPHY II**Grades 9, 10, 11, 12****1 Period Daily****Semester****1/2 Credit****Fee: \$20.00****Prerequisite: Digital Photography I**

This course is for students who want to level up their picture taking skills after taking digital photography 1. Students in this course will focus on more advanced studio lighting and digital manipulation techniques. Students will have opportunities to showcase their work throughout the semester. Note that seniors will have priority in signing up for this class. Students will need to supply a digital camera (or a phone with camera).

CADET CORE

The Cadet Core is a private military styled program that serves as an alternative to federal and state supported programs such as Junior ROTC. The mission of the Cadet Core is to help all students become their best version. It will offer our students an opportunity to participate in a military styled program and to develop physical and emotional stamina while being exposed to military tenets, leadership skills and character development. The program will be led by trained instructors who have experience as veterans or in law enforcement and have the passion to lead students in this capacity. We believe, as do the Cadet Core founders, that when students are inspired, motivated, and challenged the possibilities for their future are endless!

A few highlights of this program include:

- A military styled program with emphasis on teaching leadership, civics, and military science
- A program of study in ASVAB preparation for military readiness.
- A four year curriculum that is based on National and Core standards
- An opportunity to establish a Color Guard and present the colors during school and community events and ceremonies
- A combination of coursework in health and nutrition through exercise and wellness and physical fitness classes
- A way for students to learn workplace skills for future career success.

This is a 4-year program and students are encouraged to commit and complete all four yearlong courses.

CADET CORE I

Grades 9-12

1 Period Daily

Yearlong

1 Credit

Prerequisite: None

Fee: \$300 (optional, if students wish to purchase their uniform)

Cadets enrolled in year 1 will learn the following: leadership values, the Cadet Core creed, military ranks, phonetic alphabet, military time, medals, ribbons, patriotism, health/nutrition, the effects of drugs and alcohol, suicide prevention, violence prevention, first aid, cold weather injuries, hot weather injuries, and goal setting. While studying these topics Cadets will also learn and regularly participate in drill and ceremony as well as physical training. All Cadets are promoted, assigned more responsibility, higher position, and move up in rank based on their individual performance. Cadets must maintain a military appearance (haircut, properly groomed, and shaved face) and wear a military style uniform once per week. Uniforms will be provided. Students will earn industry credentials in CPR and First Aid certification in this Core level. NOTE that there may be a mixture of students from different years in the classroom at the same time due to the progressive skill range of Cadets and differentiated instruction used. Due to individualized instruction, adjustments will be

made by the instructor to accommodate all students in the course.

CADET CORE II

Grades 10-12

1 Period Daily

Yearlong

1 Credit

Prerequisite: 1 credit earned in Cadet Core I

Cadets enrolled in year 2 learn the following: military leadership, historical American documents, military organization, command structure, national security, department of defense, military history, and the concept of freedom. While studying these topics Cadets will also learn and regularly participate in drill and ceremony as well as physical training. All Cadets are promoted, assigned more responsibility, higher position, and move up in rank based on their individual performance. Cadets must maintain a military appearance (haircut, properly groomed, and shaved face) and wear a military style uniform once per week.

CADET CORE III

Grades 11-12

1 Period Daily

Yearlong

1 Credit

Prerequisite: 1 credit earned in Cadet Core II

Cadets enrolled in year 3 of Cadet Core will learn about flag history, unit leader development, compass and map usage, land navigation, resume writing and interviewing skills. While

learning these topics, Cadets will continue to regularly participate in drill and ceremony as well as rigorous physical fitness training. All cadets will continue to be promoted, assigned more responsibility in higher positions, and move up in rank based on his/her individual performance. Military appearance (haircut, grooming, shaved face) and uniforms will be required weekly.

CADET CORE IV

Grades 11-12

1 Period Daily

Yearlong

1 Credit

Prerequisite: 1 credit earned in Cadet Core III

Cadets enrolled in year 4 will learn the following: ASVAB prep, college prep, study techniques, the basics of budgeting, credit, problem solving, leader communications, ethics, and etiquette/behavior skills. While studying these topics Cadets will also learn and regularly participate in drill and ceremony as well as physical training. All Cadets are promoted, assigned more responsibility, higher position, and move up in rank based on their individual performance. Cadets must maintain a military appearance (haircut, properly groomed, and shaved face) and wear a military style uniform once per week.

CAPSTONE COURSES

All of the following yearlong courses will be designed to provide students needing an alternate pathway to graduation an option to meet the state-required graduation criteria. ALL STUDENTS in these courses will still need to successfully acquire the 21 credits needed for graduation in the core and elective areas.

The components of these courses will include:

- Curriculum and instructional support to become certified on a state approved credential worth a total of 12 points
- Support toward earning 2 seals required to graduate: most likely OhioMeans Jobs and Community Service
- Advisory support in academic areas (time management, note taking, test taking, test prep, self-monitoring of grades, goal setting)
- Assistance with accessing tutoring, if necessary

Business Capstone

Grade 12

1Period Daily

Semester

½ Credit

Students will work to earn the following credentials:

- Rise Up Retail Industry Fundamentals (3 points)
- Rise Up Customer Service and Sales (3 points)
- Rise Up Advanced Customer Service and Sales (3 points)
- Google AdWords (1 point)
- CPR (1 point)
- OSHA (1 point)

The Rise Up curriculum is delivered online and is self-paced, as is the Google AdWords and OSHA. The CPR will be delivered in person by a certified specialist in the field.

Microsoft Office Capstone

Grade 12

1Period Daily

Yearlong

1 Credit

Counselor/Administrator recommendation only

NOTE: This course also serves to satisfy the industry credentialing requirement in the alternate graduation pathway.

This course will allow students to work towards earning business and industry credentials as a Microsoft Office Specialist (MOS). Not only is this credential recognized by the Ohio Department of Education as a viable pathway to high school graduation if coupled with a passing score on the WorkKeys exam, but it is also recognized in the business arena as viable proof of skill for employment. Students also have the opportunity to earn college credit from Tri-C with Microsoft Word and PowerPoint certificates.

This course, taught by a likewise credentialed staff member, will allow students to work towards certification in the following applications, depending on individual skill set: Microsoft Office 2016-Word, Excel, PowerPoint and Outlook. The goal of the course will be to accumulate certification across four exams. Students will have access to a blended learning and self-paced approach throughout this course, with some content being delivered online as well as teacher-led instruction. Preparation for success on the WorkKeys exam will also be included throughout this course, as well as at least one administration of the WorkKeys exam itself.



Heights Career Tech

The Direction of Possible

CAREER AND TECHNICAL EDUCATION



Bedford High School is proud to offer comprehensive course selections for its students in conjunction with Maple Heights City Schools, Warrensville, Shaker Heights and Cleveland Heights-University Heights.



On-site at Bedford High School we offer the following career pathways and courses:

CAREER & TECHNICAL EDUCATION (CTE) CONSORTIUM TWO-YEAR PROGRAMS

Some programs may be offered in multiple districts, however, students will be placed in their home school programs first.

Audio Engineering

The Audio Engineering program consists of two years of study through four courses, skills development in digital and analog sound production, and sound reinforcement. Audio Engineering students use professional quality software and hardware to gain the skills necessary to enter postsecondary study in the field of audio engineering. This program develops competencies in the areas of Audio Editing, Audio Production, Audio Post-production, sound for film, writing, and communication, legal and ethical aspects, business processes, personal employability traits, and career exploration and development. Students that complete the two-year program successfully are eligible to receive Tech Prep college credits. Career Tech Student Organization (CTSO): SkillsUSA *College Credits: 3 <i>*Credits obtained through the Credit Transfer Assurance Guide(CTAGs)</i> Available Industry Credentials: 5 • CPR First Aid (1) • Avid Certified User: Pro Tools (4) 11th Grade Courses • Audio Broadcasting, Musical Engineering 12th Grade Courses • Musical Ensemble & Composition, Music Concepts	Course Number	Yr 1- 100987A
	Course Number	Yr 1- 100987B
	Course Number	Yr 2- 100988A
	Course Number	Yr 2- 100988B
	Grade	11, 12
	Credits Each Year	2.0
	Length of Course	2 years
	Prerequisite	Geometry
	Fee	None
	Location	CHHS

Automotive Technology

This two-year Automotive Service Excellence (A.S.E.) and National Automotive Technician Education Foundation (NATEF) certified program, is designed to develop entry-level automotive technician skills in the maintenance and repair of automobiles. Students will learn automotive theory in a real-world setting, and apply academic skills in a relevant way. Students will	Course Numbers	Yr 1- 100916A
	Course Numbers	Yr 1- 100916B
	Course Numbers	Yr 2- 100917A

apply those skills by working with state-of-the-art equipment and technology to access service information, technical training, and web-based testing. In the junior year, students will focus on <i>shop safety, preventative maintenance, tire repair and service, brake systems, steering and suspension, electrical and electronics</i>. In the senior year, students will further develop learned skills while <i>adding engine repair, engine performance, emissions repairs, heating, and air conditioning, computer diagnostics, transmission service, and largely focusing on work skills in the lab setting by performing repairs on customer's vehicles</i>. Students will be scheduled into this course for three periods daily. Senior students who meet the requirements have the opportunity for early job placement. All students will take the various A.S.E. certification exams. Career Tech Student Organization (CTSO): SkillsUSA *College Credits: 3.0 <i>*Credits are articulated through Cuyahoga Community College (Tri-C) Tech Prep Program.</i> Available Industry Recognized Credentials: 13 • <u>Automotive Service Excellence (ASE) Student Certification - Automotive Maintenance and Light Repair (3)</u> • <u>Automotive Service Excellence (ASE) Student Certification - Automotive Brakes (3)</u> • <u>Automotive Service Excellence (ASE) Student Certification - Automotive Suspension and Steering (3)</u> • <u>Automotive Service Excellence (ASE) Student Certification - Automotive Electronic/Electrical System (3)</u> • <u>CPR First Aid (1)</u> 11th Grade Courses • Ground Transportation Maintenance, Auto Braking, Suspension & Steering systems 12th Grade Courses • Ground Transportation Electrical/Electronics, Automotive Engine Performance	Course Numbers	Yr 2- 100917B
	Grade	11, 12
	Credits Each Year	3.0
	Length of Course	2 years
	Prerequisite	Algebra I
	Fee	Each student must pay for the cost of uniform, work, safety glasses, shoes/boots.
	Location Also offered at	CHHS Bedford Maple Heights

Biotechnology - SENIOR ONLY COURSE

Biotechnology is a one year course that studies the biological makeup of organisms. Students in this program will study the molecular, biological, genetic, and immunologic make-up of cells. DNA methodology is introduced. Students interested in this program should have a strong science background. Post-secondary instruction is necessary for employment in this field. Career Tech Student Organization (CTSO): *College Credits: <i>*Credits are articulated through Cuyahoga Community College (Tri-C) Tech Prep Program.</i> Industry Recognized Credentials: N/A	Course Numbers	Sem 1-
	Course Numbers	Sem 2-
	Grade	12
	Credits For The Year	2.0
	Length of Course	1-year
	Prerequisite	None
	Fee	See Advisor
	Location	Bedford

Business Management Technology

As a participant in this two-year program, students will learn core management principles while completing projects in the classroom that simulate an office environment. They will develop competency in entrepreneurship, business communication, project management, and operations management as they learn about the skills needed to start their own business. Students will also develop their technology skills by learning and utilizing real-world business software applications. Each student is assigned a computer and will learn business software including <i>Microsoft Excel, Access, PowerPoint, and Word</i> to complete business-related projects and simulations. The program is designed to prepare students for an entry-level position in the business environment and/or college readiness. Career Tech Student Organization (CTSO): Business Professionals of America (BPA) *College Credits: 16 <i>*Credits are articulated through Cuyahoga Community College (Tri-C) Tech Prep Program.</i> **College Credits: 3 <i>**Credits obtained through the Credit Transfer Assurance Guide(CTAGs)</i> Industry Recognized Credentials: 13 • CPR First Aid (1) • RISE Up Customer Service and Sales (6) • RISE Up Retail Industry Fundamentals (6) 11th Grade Courses • Office Management, Fundamentals of Business and Administration 12th Grade Courses • Operations Management, Management Principles	Course Numbers	
	Course Numbers	
	Course Numbers	
	Course Numbers	
	Grade	11, 12
	Credits Each Year	2.0
	Length of Course	2 years
	Prerequisite	None
	Fee	\$45 per year
	Location	Bedford

Clinical Health Careers

This is an exciting two-year program for students interested in careers in the healthcare field. In year one, students learn <i>anatomy, physiology, medical terminology, safety, infection control, law and ethics communication skills, and basic clinical procedures</i>. In the second year, students complete <i>CPR certification, First Aid training, and the Ohio Nurse Aide Training Program, and are eligible to take the test to become a State Tested Nursing Assistant (STNA)</i>. Seniors who meet the criteria may be eligible for early job placement. All students are encouraged to further develop and apply their knowledge and skills through career shadowing and internships. Proof of U.S. citizenship, a criminal record background check, a drug test, and up-to-date immunizations are required for clinical experiences. This includes full vaccination against Covid-19. Satisfactory attendance and discipline records are required. Career Tech Student Organization (CTSO): Health Occupations Students of America (HOSA) *College Credit: 4 <i>*Credits are articulated through Cuyahoga Community College (Tri-C) Tech Prep Program.</i> **College Credits: 3	Course Numbers	Yr 1- 100978
	Course Numbers	Yr 1-100984
	Course Numbers	Yr 2-10094
	Course Numbers	Yr 2-072065
	Grade	11, 12
	Credits Each Year	2.0 (YR. 1) 3.0 (YR. 2)
	Length of Course	2 years
	Prerequisite	Biology, Algebra 1
	Corequisite	Chemistry Algebra 2

**Credits obtained through the Credit Transfer Assurance Guide(CTAGs) Industry Recognized Credentials: 13 • CPR First Aid (1) • Ohio Department of Health - State Tested Nurse Assistant (STNA) (12) 11th Grade Courses • Health Science and Technology (1.5 credits), Medical Terminology (1.5 credits) 12th Grade Courses • Patient-Centered Care (1.5 credits), Mental Health (1.5 credits)	Fee	Students provide their own white pants, watch, and shoes \$70. year 1 \$40. year 2
	Location	CHUH, Bedford

Construction Technology

In this two-year career program, students will be training for technical and professional level careers in designing, planning, managing, building, and maintaining built environments. Students will learn about the materials and methods of carpentry, including the application of construction layout and framing. Learning the fundamentals of mechanical, electrical, and plumbing systems will allow students to apply these skills to actual construction projects. Students will also gain experience in interpreting plans and diagrams. Occupational communication and employability skills are incorporated into the curriculum. Junior year courses include Construction Technology and Structural Systems. Senior year courses include Carpet & Masonry Technical Skills and Structural Coverings and Finishings. Career Tech Student Organization (CTSO): SkillsUSA *College Credit: 6 <i>*Credits are articulated through Cuyahoga Community College (Tri-C) Tech Prep Program.</i> **College Credits: 3 <i>**Credits obtained through the Credit Transfer Assurance Guide(CTAGs)</i> Available Industry Recognized Credentials: 14 • CPR First Aid (1) • Occupational Safety and Health Administration (OSHA) - 10-Hour Training (1) • CITF Career Connection Certificates - Level 1 (4) • CITF Career Connection Certificates - Level 2 (4) • EPA Painters, Repair, Renovation Certificate (4) 11th Grade Courses • Construction Technology-Sustainable Construction, Structural Systems 12th Grade Courses • Carpentry & Masonry Technical Skills, Structural Coverings & Finishes	Course Numbers	Yr 1-
	Course Numbers	
	Course Numbers	Yr 2-
	Course Numbers	
	Grade	11, 12
	Credits Each Year	2.0
	Length of Course	2 years
	Prerequisite	None
	Fee	\$15
	Location	Maple

Cosmetology

This two-year program helps to develop every student's sense of self-worth and personal pride, enabling them to be self-sufficient and confident individuals and business professionals. Students learn employability skills, shampooing, cutting, styling and hair coloring as well as the proper techniques used to do manicures,	Course Numbers	Yr 1 - 100908
	Course Numbers	

pedicures, and facials. Students also study anatomy and physiology, as they relate to the nerves, bones, and muscles. Chemistry is also stressed as it relates to the human body and cosmetics. Students are instructed in the care of the equipment used in beauty salons and all aspects of infection control procedures. Practical experience is gained through work on actual customers under the supervision of licensed Cosmetology instructors. Career Tech Student Organization (CTSO): SkillsUSA *College Credit: 3 <i>*Credits are articulated through Cuyahoga Community College (Tri-C) Tech Prep Program.</i> Available Industry Recognized Credentials: 13 • CPR First Aid (1) • Ohio State Board of Cosmetology - License of Cosmetology(12) Students must receive a passing grade in Cosmetology and Science, Math, and English classes in order to take the State licensing exam to become a National Licensed Cosmetologist. 11th Grade Courses • Microbiology & Infection Control, Salon Operations and Lab 12th Grade Courses • Fundamentals of Hair Cutting & Styling, Skin Care Fundamentals & Enhancements	Course Numbers	Yr 2 - 100910
	Course Numbers	
	Grade	11, 12
	Credits Each Year	3.0
	Length of Course	2 years
	Prerequisite	English 2, CTE application
	Fee	
	Location	Maple Heights, CHHS

Criminal Justice / Law Enforcement

This is a two-year program which begins in the junior year and is intended for those interested in pursuing careers in a broad range of law enforcement/criminal justice disciplines. The curriculum includes training in criminal laws, arrest laws, certification in CPR/first aid, loss prevention defensive tactics, report writing, accident investigation, white collar crime, search and seizure, and forensic investigation. Career paths available to students include police officer, sheriff's deputy, trooper, private investigator, corrections officer, security officer, and a variety of careers within federal, state, and local law enforcement. The student must purchase a uniform. Career Tech Student Organization (CTSO): SkillsUSA **College Credits: 3 <i>**Credits obtained through the Credit Transfer Assurance Guide(CTAGs)</i> Available Industry Recognized Credentials: 12-16 • CPR First Aid (1) • National Incident Management System 100 (4) • National Incident Management System 200 (1) • National Incident Management System 700 (4) • National Incident Management System 800 (1) • OC/Pepper Spray(1)	Course Number	Yr 1-100996A
	Course Number	Yr 1-100996B
	Course Number	Yr 2-100992A
	Course Number	Yr 2-100992A
	Credits Each Year	11, 12
	Credits Each Year	2.0
	Length of Course	2 years
	Prerequisite	Alg 1, CTE application
	Fee	\$75 includes uniform and test fee
	Location	Maple Heights

• Association of Public-Safety Communications Officials (APCO) Telecommunicator-Dispatch (4) 11th Grade Courses • American Criminal Justice System, Security Protective Services 12th Grade Courses • Police Work & Public Safety, The Correctional System & Services		
---	--	--

Culinary Arts & Hospitality Management

This two-year, Culinary Arts & Restaurant Management might be just the career for you! The Heights Consortium Culinary Arts Program in partnership with Cuyahoga Community College (Tri-C) is a two-year, ProStart Certification Course that provides you with basic culinary essentials and foodservice management skills including customer relations, cost controls, basic accounting principles, marketing, purchasing, inventory, team building skills, and communications. These skills will be developed and refined in Warrensville Heights High and the new Tri-C Hospitality and Restaurant Management School located on the grounds of the eastern campus. Also, ProStart gives you the opportunity to secure additional scholarships and potential employment opportunities. Career Tech Student Organization (CTSO): Family, Career, and Community Leaders of America (FCCLA) *College Credits: 2-4 <i>*Credits are articulated through Cuyahoga Community College (Tri-C) Tech Prep Program.</i> **College Credits: 9 <i>**Credits obtained through the Credit Transfer Assurance Guide(CTAGs)</i> Available Industry Recognized Credentials: 15 • CPR First Aid (1) • ProStart Certificate of Achievement (9) • ServSafe - Allergens (1) • ServSafe - Food Handler (1) • ServSafe - Person In Charge (2) • ServSafe - Workplace (1) 11th Grade Courses • Hospitality Fundamentals, Fundamentals of Food Production 12th Grade Courses • Dining Room & Service Operation, Restaurant Management	Course Numbers	Yr 1-
	Course Numbers	
	Course Numbers	Yr 2-
	Course Numbers	
	Grade	11, 12
	Credits Each Year	2.0
	Length of Course	2 years
	Prerequisite	None
	Fee	None
	Location	Warrensville

Cyber Security

This focus of Cyber security will be on Information Technology and Cybersecurity during students' Junior year. During their Senior year, the focus will be on Digital Forensics and Countermeasures. Career Tech Student Organization (CTSO): *College Credits: 3 <i>*Credits are articulated through Cuyahoga Community College (Tri-C) Tech Prep</i>	Course Numbers	Yr 1-
	Course Numbers	Yr 2-

Program. **College Credits: 6 **Credits obtained through the Credit Transfer Assurance Guide (CTAGs) Available Industry Recognized Credentials: N/A 11th Grade Courses - Information Technology, Cybersecurity 12th Grade Courses - Digital Forensics, Countermeasures	Grade	11, 12
	Credits Each Year	2.0
	Length of Course	2 years
	Prerequisite	None
	Fee	See Advisor
	Location	Bedford

Digital Video Production

Digital Video Production is a two-year program designed for students who plan to enter the world of broadcasting, filmmaking or production - in front of the camera and behind the scenes. The curriculum is a balance of both the technical and creative aspects of video production. In this course, you'll develop studio, technical, employability, and professional skills while building a strong and marketable portfolio with an emphasis on production, editing, and visual effects. This exciting and fast-growing field offers career opportunities at advertising agencies, internet media outlets, corporate media departments, independent production companies, and in broadcast television. Qualified students who complete the two-year program and the academic requirements will receive Tech Prep college credit and the opportunity to earn Adobe Premiere Pro certification. Career Tech Student Organization (CTSO): SkillsUSA **College Credits: 3 **Credits obtained through the Credit Transfer Assurance Guide (CTAGs) Available Industry Recognized Credentials: 5 CPR First Aid (1) Adobe Certified Professional - Premiere Pro CC (4) 11th Grade Courses - Business of Arts & Communication, Video Production 12th Grade Courses - Video Broadcast, Digital Cinema	Course Number	Yr 1 -100898A
	Course Number	Yr 1 -100898B
	Course Number	Yr 2 -100897A
	Course Number	Yr 2 -100897B
	Grade	11, 12
	Credit	2.0
	Length of Course	2 years
	Prerequisite	English, Algebra 1, CTE application
	Fee	See Advisor
	Location	CHHS

Fire and EMT

In this fast-paced and highly challenging program, you will learn about the science of firefighting, fire prevention and the safety and hazards associated with fires. You will study the behavior, suppression, compartmentalization and investigation of fire and its related emergencies, and all the associated training of an Emergency Medical Technician. Students will spend their senior year on the campus of Cuyahoga Community College Fire Academy earning college credit and the opportunity to become certified Firefighters and Emergency Medical Technicians.	Course Numbers	Yr 1-
	Course Numbers	
	Course Numbers	Yr 2-
	Course Numbers	
	Grade	11, 12

Career Tech Student Organization (CTSO): SkillsUSA **College Credits: 1-35 **Credits obtained through the Credit Transfer Assurance Numbers (CTANs) if a student earns the Firefighter I and II Industry Credentials. Available Industry Recognized Credentials: 1-36 • CPR First Aid (1) • Ohio Department of Public Safety, Division of EMS EMT - Intermediate(12) • Ohio Department of Public Safety, Division of EMS Ohio Firefighter I (12) • Ohio Department of Public Safety, Division of Ohio Firefighter II (12) • Association of Public-Safety Communications Officials (APCO) Telecommunicator-Dispatch (4) 11th Grade Courses • Foundations of Firefighting/Emergency Medical Services 12th Grade Courses • Emergency Medical Technician, Firefighting I and Firefighting II	Credits Each Year	2.0
	Length of Course	2 years
	Prerequisite	None
	Fee	None
	Location	Warrensville

Graphic Design & Imaging

This two-year Tech Prep program beginning in the junior year offers students the opportunity to develop their creative talents. In this exciting program, students can design and produce their own projects from start to finish. They will learn about design, layout, typesetting, darkroom techniques, and photo-offset printing. Through the use of Macintosh computers, students will learn the techniques involved in desktop publishing. These skills are directly related to various phases of newspaper and magazine publishing. The fast-growing, \$12 billion graphic industry presents a variety of career options, such as press operating, electronic and desktop publishing, and screen printing. Career Tech Student Organization (CTSO): SkillsUSA **College Credits: 9 **Credits obtained through the Credit Transfer Assurance Guide (CTAGs) Available Industry Recognized Credentials: 12 • Adobe Certified Professional- Illustrator CC(4) • Adobe Certified Professional - InDesign CC (4) • Adobe Certified Professional - Photoshop CC (4) 11th Grade Courses • Arts & Comm/Visual Design Primer, Digital Print Design 12th Grade Courses • Digital Image Editing, Advertising and Communication	Course Number	Yr 1 -100928A
		Yr 1 -100928B
	Course Number	Yr 2 -100929A
		Yr 2 -100929B
	Grade	11,12
	Credits Each Year	2.0
	Length of Course	2 years
	Prerequisite	None
	Fee	None
	Location	Warrensville

Marketing Management I and II

The Marketing Management program for juniors introduces the students to the specializations offered in Marketing. Students will obtain fundamental knowledge and skills in marketing communications, marketing management, marketing research, merchandising, and professional selling. Juniors will also	Course Numbers	Yr.1-100902D
	Course Numbers	Yr.1-100902B

develop and implement marketing strategies and techniques across marketing functions: channel management, market planning, pricing, product/service management, and branding. In Marketing Management II, seniors will create, execute, and evaluate promotional strategies and content for advertising, sales promotion, and publicity/public relations. They will apply project management techniques to guide and control promotional campaign development and execution. Social responsibility and ethics in Marketing will be explored. Seniors enrolled in the program are required to work a minimum of 15 hours per week at an approved training station, (place of employment). Students receive standard wages for their employment and are placed into positions related to their individual career pathways. Seniors are released early from the regular bell schedule to allow time for employment. Active participation in the Career Technical Student Organization DECA will help students learn technology, employability skills, leadership, and effective communication. Career Tech Student Organization (CTSO): (DECA) **College Credits: 3 <i>**Credits obtained through the Credit Transfer Assurance Guides (CTAGs)</i> *College Credits: 16 <i>*Credits are articulated through Cuyahoga Community College (Tri-C) Tech Prep Program.</i> Available Industry Recognized Credentials: 13 • CPR First Aid (1) • RISE Up Customer Service and Sales (6) • RISE Up Retail Industry Fundamentals (6) 11th Grade Courses • Marketing Application, Digital Marketing 12th Grade Courses • Strategic Entrepreneurship, Merchandising & Buying	Course Numbers	Yr.2-100904A
	Course Numbers	Yr.2-110943
	Grade	11, 12
	Credit	1.0 Year 1 3.0 Year 2
	Length of Course	2 years
	Prerequisite	None
	Fee	\$20.00 per year plus DECA fees
	Location	CHHS
	Also offered at	Bedford Maple Heights

Media Arts

Students in the two-year Media Arts program will learn the basics of how to convey messages through journalism, commercial advertising, and marketing. The curriculum focuses on creating and adapting content for multiple purposes with print, radio, TV, and the Web. Students conduct and synthesize research and interviews to write persuasive and unbiased copy. They evaluate and edit text for purpose, style, space limitations, and accuracy. Additionally, students will learn video production for commercial use. Skills attained include pre-production documentation and planning; in-production audio and video recording; and post-production editing and distribution. Finally, students will apply their knowledge by creating video broadcasts. Skills attained include interviewing, image capture, color manipulation, audio, and video blend, lighting, and editing. Additionally, students plan and shoot video for live and recorded use. Career Tech Student Organization (CTSO): Business Professionals of America (BPA)	Course Numbers	Yr 1-
	Course Numbers	Yr 2-
	Grade	11, 12
	Credit	2.0
	Length of Course	2 years
	Prerequisite	None
	Fee	See Advisor
	Location	Maple

**College Credits: 3 **Credits obtained through the Credit Transfer Assurance Guide (CTAGs) Available Industry Recognized Credentials: 5 • CPR First Aid (1) • Adobe Certified Professional - Premiere Pro CC (4) 11th Grade Courses • Media Arts Primer, Video Production 12th Grade Courses • Video Broadcast, Media Arts Writing		
---	--	--

Pharmacy Technician

This two-year, Ohio Board of Pharmacy approved program, beginning in the junior year, is designed to prepare students for careers in pharmacy and other medical fields and a sound foundation for further university level study to become pharmacists, doctors, nurses, etc. This is accomplished through classroom, simulated, and experiential learning (for students meet placement requirements). The pharmacy program consists of 4 courses: Year 1: Medical Terminology & Health Science & Technology (focus on pharmacology), and Year 2: Pharmacology/Calculations, Mental Health, and Capstone In order to participate in internships, senior students must be registered with the Ohio Board of Pharmacy as a pharmacy technician trainee. This requires a criminal record background check and possibly a drug test. Career Tech Student Organization (CTSO): Health Occupations Students of America (HOSA) **College Credits: 16 **Credits obtained through the Credit Transfer Assurance Number (CTANs) if a student completes the two-year program, meet the academic requirements, and earn the Industry Recognized Credential. *College Credits: 4 *Credits are articulated through Cuyahoga Community College (Tri-C) Tech Prep Program. Available Industry Recognized Credentials: 12 • CPR First Aid (1) • Certified Pharmacy Technician (CPhT) (12) 11th Grade Courses • Medical Terminology, Pharmacology 12th Grade Courses • Health Science Technology, Lifespan Development & Medical Intervention, Health Science Capstone	Course Number	Yr 1-110903A
	Course Number	Yr 1-110903B
	Course Number	Yr 2-110907A
	Course Number	Yr 2-110907B
	Course Number	Yr 2-110907C
	Grade	11, 12
	Credit	2.0 Year 1 3.0 Year 2
	Length of Course	2 years
	Prerequisite	Biology, Algebra 1, CTE application
	Corequisite	Anatomy & Physiology
 	Fee	See Advisor
	Location	CHHS

Sports Medicine/Exercise Science(SMES)

This two-year program is an appropriate course of study for prospective careers in physical therapy, athletic training, cardiorespiratory rehabilitation, or orthopedics. The Sports Medicine & Exercise Science program integrates	Course Number	Yr. 1-100979A
	Course Number	Yr. 1-100979A

scientific research, education, and the practical applications of sports medicine and exercise science in order to promote health, fitness, wellness, and performance. The two-year program progresses in the following order: • Exercise and Athletic Training (072000) – Year 1 Sem. 1 • Athletic Injuries and Prevention (072025) – Year 1 Sem. 2 • Fitness Evaluation and Assessment (072020) – Year 2 Sem. 1 • Nutrition and Wellness (072015) – Year 2 Sem. 2 The first year of the program focuses on an introduction to the human body, how to respond to emergencies, athletic injury recognition, taping and bracing, and creating rehabilitation programs. The second year of the program is dedicated to preparing for the personal training certification using the base built in the first year regarding the musculoskeletal system and rehabilitation principles. The major topics of study in the second year involve developing and running a business, fitness assessments, creating appropriate fitness programming, nutrition evaluation, and mental wellness strategies. Career Tech Student Organization (CTSO): Health Occupations Students of America (HOSA) **College Credits: 6 <i>**Credits obtained through the Credit Transfer Assurance Guide(CTAGs)</i> *College Credits: 10 <i>*Credits are articulated through Cuyahoga Community College (Tri-C) Tech Prep Program.</i> Available Industry Recognized Credentials: 4 • CPR First Aid(1) • NASM Certified Personal Trainer(3) 11th Grade Courses • Exercise and Athletic Training, Athletic Injury Prevention, Anatomy & Physiology (elective) 12th Grade Courses • Fitness Evaluation and Assessment, Nutrition & Wellness	Course Number	Yr.2-100980A
	Course Number	Yr.2-100980B
	Grade	11, 12
	Credits Each Year	2.0
	Length of Course	2 years
	Prerequisite	Algebra 1, CTE application
	Corequisite	Anatomy & Physiology
	Fee	\$60 per year
	Location	CHHS

Teacher Professions Academy (TPA)

This program is a two-year orientation for the teaching profession. Students are exposed to teaching careers and the education system through simulations, “hands-on” activities, and observations. Students will learn the essential skills of conceptualizing, planning, and implementing curriculum to a variety of student populations. Content also includes a study of the legal and social issues surrounding public education. Students will gain a background in child development and learning theory. In addition to the curriculum components, all students are required to participate in a field experience in a public school classroom for approximately 5 weeks. Career Tech Student Organization (CTSO): Educators Rising **College Credits: 3 <i>***Credits obtained through the Credit Transfer Assurance Guide (CTAGs)</i> Available Industry Recognized Credentials: 12 • CPR First Aid (1)	Course Numbers	Yr 1-
	Course Numbers	Yr 2-
	Grade	11, 12
	Credit	2.0
	Length of Course	2 years
	Prerequisite	None
	Fee	See Advisor
	Location	Maple

• Occupational Safety and Health Administration (OSHA) - 10-Hour Training (1) • National Incident Management System 200 (1) • National Incident Management System 800 (1) • National Incident Management System 700 (4) • National Incident Management System 100 (4) 11th Grade Courses • Foundations of Education & Training, Education Principles 12th Grade Courses • Child & Adolescent Development, Curriculum & Instruction for Teaching Professions		Bedford
---	--	---------

CAREER TECHNICAL COURSES- Project Lead The Way- Elective

Introduction to Engineering Design (IED)



Designed for 9th or 10th-grade students, the major focus of IED is the design process and its application. Through hands-on projects, students apply engineering standards and document their work. Students use industry-standard 3D modeling software to help them design solutions to solve problems, document their work using an engineer's notebook, and communicate solutions to peers and members of the professional community.	Course Number	1000130
	Grade	9, 10, 11
	Credit	1.0
	Length of Course	Year
	Prerequisite	None
	Fee	None

Digital Electronics (DE)



Digital electronics is the foundation of all modern electronic devices such as mobile phones, MP3 players, laptops computers, digital cameras, and high-definition televisions. Students are introduced to the process of combinational and sequential logic design, engineering standards, and technical documentation. This is a yearlong course.	Course Number	1000131
	Grade	10, 11, 12
	Credit	1.0
	Length of Course	Year
	Prerequisite	Intro to Engineering Design
	Fee	None

Principles of Engineering (POE)



Designed for 10th or 11th-grade students, this survey course exposes students to major concepts they'll encounter in a postsecondary engineering course of	Course Number	100927
	Grade	10, 11, 12

study. Topics include mechanisms, energy, statics, materials, and kinematics. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges, document their work, and communicate solutions.	Credit	1.0
	Length of Course	Year
	Prerequisite	Intro to Engineering Design
	Fee	None

Computer Integrated Manufacturing (CIM)



Computer Integrated Manufacturing (CIM) is the study of manufacturing planning, integration, and implementation of automation. The course explores manufacturing history, individual processes, systems, and careers. In addition to technical concepts, the course incorporates finance, ethics, and engineering design. This reflects an integrated approach that leading manufacturers have adopted to improve safety, quality, and efficiency.	Course Number	1000133
	Grade	11, 12
	Credit	1.0
	Length of Course	Year
	Prerequisite	Previous PLTW courses; Recommendation
	Fee	None

The challenging coursework in these career pathways will prepare students for post-secondary work or the workforce upon graduation from high school, many even offering the possibility of earning industry-recognized credentials.

We will continue to offer comprehensive multi-course program sequences as well as stand-alone electives from which students can choose. If you are interested in further details about any of the offerings above, **see your school counselor or building administrator**

CAREER READINESS PATHWAYS

Description of pathway here...(these pathways will be held entirely here at Bedford High School.)

MARKETING PATHWAY

Marketing Applications

Grades 10, 11, 12

1 Period Daily

Yearlong

1 Credit

Students will develop and implement marketing strategies and techniques across marketing functions: channel management, marketing research, market planning, pricing, product/service management, and branding. They will use marketing operations, procedures and activities to ensure marketing's efficiency and effectiveness. Students will generate, screen, and develop new product ideas. They will predict economic trends and conditions and determine how cultural intelligence can impact organizations. Technology, employability skills, leadership, and communications will be incorporated into classroom activities.

Digital Marketing

Grades 10, 11, 12

1 Period Daily

Yearlong

1 Credit

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 into classroom activities.

Merchandising & Buying-

Grades 10, 11, 12

1 Period Daily

Yearlong

1 Credit

With an attached class period for students to work in the school store, currently slated to run periods 6, 7th, and 8th. This will incorporate the WBL component. Students will determine what to buy, when to buy, how much to buy, and from whom to buy products for resale. They will develop a product mix and apply display and visual merchandising techniques. Students will also implement sales support activities, process

sales, track products, and plan merchandise flow. Students will establish and grow positive customer relationships. Technology, employability skills, leadership, and communications will be incorporated into classroom activities.

Strategic Entrepreneurship

Grades 10, 11, 12

1 Period Daily

Yearlong

1 Credit

Students will use innovation skills to generate ideas for new products and services, evaluate the feasibility of ideas, and develop a strategy for commercialization. They will use technology to select target markets, profile target customers, define the venture's mission, and create business plans. Students will take initial steps to establish a business. Students will calculate and forecast costs, break-even, and sales. Establishing a brand, setting prices, promoting products, and managing customer relationships will be emphasized.

TEACHING PROFESSIONS PATHWAY

Foundations of Education and Training

Grades 10, 11, 12

1 Period Daily

Yearlong

1 Credit

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

Education Principles

Grades 10, 11, 12

1 Period Daily

Yearlong

1 Credit

In this first course in the pathway, students will research the historical perspectives and theories of education used in the forming of their own personal educational philosophy. Students will assess legal, ethical and organizational issues. Additionally, students will

assess developmental appropriate practices and identify challenging issues associated with teaching children with diverse needs. Career planning, professional guidelines and ethical practices will also be emphasized.

Child and Adolescent Development

Grades 10, 11, 12 **1 Period Daily**
Yearlong **1 Credit**

Students will examine and apply the theoretical foundations of human growth and development to children and adolescents. Additionally, learners will determine children's learning styles; stages of social, emotional, cognitive and physical development; and needed accommodations in educational settings. Throughout the course, family and community engagement, cultural influences on learners and language growth and development will be emphasized.

Curriculum and Instruction for Teaching Professions

Grades 10, 11, 12 **1 Period Daily**
Yearlong **1 Credit**

Students will develop age-appropriate learning experiences and curriculum to engage children and help them learn. They will determine curricular goals, create lesson plans, and employ grading and assessment strategies to measure targeted learning outcomes. In addition, students will develop online instruction using learning management system platforms.

AMERICAN SIGN LANGUAGE PATHWAY

American Sign Language (ASL) I

Grades 9, 10, 11, 12 **1 Period Daily**
Yearlong **1 Credit**

The American Sign Language will introduce students to communicative proficiency skills in ASL, the language of the American Deaf Community. The course will focus on frequently used signs, questions, commands and other simple sentence structures as well as further explore the deaf community and culture. Emphasis will be placed on conversational receptive and expressive skills.

American Sign Language (ASL) II

Grades 9, 10, 11, 12 **1 Period Daily**
Yearlong **1 Credit**
Prerequisite: ASL I (C or higher)

At the second level, there will be continued development of the communicative proficiency skills established in level I. Expressive and receptive skills will be emphasized as well as increased awareness of Deaf Culture. Increased focus on comprehension and production of grammatical features will be crucial.

American Sign Language (ASL) III

Grades 10, 11, 12 **1 Period Daily**
Yearlong **1 Credit**

Prerequisite: ASL II (C or higher)

Students will further their knowledge and continue development of expressive and receptive skills. Increased awareness of deaf culture and comparisons to other cultures will be a main topic of study. Continued focus on comprehension and production of complex grammatical features.

American Sign Language (ASL) IV

Grades 10, 11, 12 **1 Period Daily**
Yearlong **1 Credit**

Prerequisite: ASL III (C or higher)

will expand their higher level conversational skills, their understanding of Deaf culture and manual/non-manual aspects of ASL. Taking this course after ASL I, II, and III will complete the ASL Pathway

CAREER READINESS ELECTIVES

Some courses in this section may be identical to courses within a CTE Pathway, but can be taken (when offered) as electives. Students may elect to take one of these courses if they are curious but not ready to fully commit to a 2 year CTE Pathway.

EMPLOYABILITY IN THE MARKETPLACE

Grade 9, 10 Semester **1 Period Daily**
½ Credit

This course is intended to give students an overview of the various offerings in the Career Technical program at the high school and the “soft skills” needed to be successful in each particular workforce. Students will work to develop their skills in communication (oral and written), personal goal setting, leadership, teamwork, business etiquette, and ethics in the workplace. Through project-based problem-solving and critical thinking activities in small groups and individually, students will explore the issues and concerns of various careers in the automotive industry, the business and marketing arena, information technology, and health care. Career interest surveys, the development of online career portfolios, and classroom visits to the various career-technical programs available at the high school will assist students with well-informed career and academic pathway decisions in the future. Students will also be given the opportunity to shadow these programs as well as local businesses. Students will earn volunteer hours by doing one class volunteer project, and one individual volunteer project.

The class volunteer project may take place at the Food Bank, homeless shelter, etc...; Students will take a field trip to the location. The Individual volunteer project: Student selects location to volunteer (hospital, recreation center, church, etc), completes 3-5 hours in total, and must complete the volunteer document and have it signed by a supervisor.

COMPUTER APPLICATIONS

Grades 9, 10, 11, 12 Semester **1 Period Daily**
½ Credit

This course is intended for computer users not computer programmers. Students receive hands-on experience in Microsoft Word, Excel, Power-Point, and Access. Students will focus on practical use of these programs for personal, school and work related activities.

PERSONAL FINANCE

Grades 10, 11, 12 Semester **1 Period Daily**
½ Credit

This course develops proficiency in spending, saving, protecting and investing money for the individual. This includes learning to budget, effective cash management, the proper use of credit, tax planning, making major purchases, risk management, investments, retirement and estate planning.

PROFESSIONAL WORK EXPERIENCE

CAPSTONE

Grades 12 Yearlong **2 Periods Daily**
2 Credits

Step into the real world. Reserved for students in the senior year, the Professional Work Experience Capstone gives students access to the real world through internships and job placement opportunities. Students will utilize employability skills gained in courses at BHS in personalized, paid positions, throughout the Bedford area. Students must be able to work a minimum of 12 hours per week and have reliable transportation. Students will receive hands-on instruction on resume development, interviewing skills and generalized employability skills including written and oral communication, time management and project management. Students will be supervised and evaluated by the classroom instructor as well as the direct employer.

MICROSOFT OFFICE CAPSTONE

Grades 12 Yearlong **1 Period Daily**
1 Credit

Prerequisite: Counselor/Administrator recommendation only

NOTE: This course also serves to satisfy the industry credentialing requirement in the alternate graduation pathway.

This course will allow students to work towards earning business and industry credentials as a Microsoft Office Specialist (MOS). Not only is this credential recognized by the Ohio

Department of Education as a viable pathway to high school graduation if coupled with a passing score on the WorkKeys exam, but it is also recognized in the business arena as viable proof of skill for employment. Students also have the opportunity to earn college credit from Tri-C with Microsoft Word and PowerPoint certificates.

This course, taught by a likewise credentialed staff member, will allow students to work towards certification in the following applications, depending on individual skill set: Microsoft Office 2016-Word, Excel, PowerPoint and Outlook. The goal of the course will be to accumulate certification across four exams. Students will have access to a blended learning and self-paced approach throughout this course, with some content being delivered online as well as teacher-led instruction. Preparation for success on the WorkKeys exam will also be included throughout this course, as well as at least one administration of the WorkKeys exam itself.

INTRODUCTION TO TEACHING

Grades 9, 10, 11, 12 **1 Period Daily**
Semester **½ Credit**

Introduction to Teaching 1 is designed to prepare students for careers in the education field. This course will examine careers in early childhood, elementary, secondary, and postsecondary education. Students learn the foundations of education, human growth and development, brain development, teaching strategies, classroom management, and instructional planning and assessment. Technology, professionalism, and academic skills are integrated throughout the course work. There is also an opportunity for an extended learning experience where the students will go into schools and work with a mentor teacher.

INTRO TO AUTO CARE (Non-CTE Pathway)

Grades 9, 10 **1 Period Daily**
Semester **½ Credit**

In this course, students will learn Intro to Automotive technology which will train students about basic parts and repairs of a car system. They will use state-of-the art tools, equipment and cutting edge technology.

INTRO TO CYBERSECURITY (Non-CTE Pathway)

Grades 9, 10 **1 Period Daily**
Semester **½ Credit**

In this course students will learn the basic components of cybersecurity and the role each plays in preventing, detecting and mitigating vulnerabilities and attacks. Components include the security of the network infrastructure, security of the systems, and the prevention, detection, and mitigation of common vulnerabilities and attacks. Throughout this course, students will examine and implement beginning stages of the security safeguards for desktop, network, and application security.

PRE-ENGINEERING TECHNOLOGIES (Non-CTE Pathway)

Grades 9, 10 **1 Period Daily**
Semester **½ Credit**

Fee: \$25.00

Pre-Engineering is a project oriented course with a focus on science, mathematics, art, and technology. The ability to work and learn independently as well as cooperatively in a group is essential. Students will acquire knowledge and skills in problem solving, teamwork, and innovation. Students explore STEM careers as they participate in project-based learning, as well as discovery and exploratory learning, designed to challenge and engage the natural curiosity and imagination relative to technology, physics, robotics, invention science and coding. Teams design, test their ideas, and redesign as necessary, just like scientists and engineers in the real world.

BUSINESS FOUNDATIONS (Non-CTE Pathway)

Grades 9, 10 **1 Period Daily**
Semester **½ Credit**

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

leadership and communications and personal financial literacy will be addressed.

LEGAL ENVIRONMENT OF BUSINESS

(Non-CTE Pathway)

Grades 9, 10

1 Period Daily

Yearlong

1 Credit

Students will examine all aspects of business law including the judicial system, differences between types of laws and origins of laws, administrative and employment laws and laws

impacting individuals as well as businesses. Students will also research real estate and debtor and creditor laws and regulations. Students will learn to support attorneys by conducting legal research and preparing fully-compliant legal documents. Compliance and contract law will be emphasized.

COLLEGE CREDIT PLUS (CCP - On Campus)

Please note that all CCP classes will be weighted 1 (one) full weight in the final GPA calculation. selected texts. Course may be thematically organized.

Cuyahoga County Community College

The following college level courses are offered to any students who meet the college's eligibility requirements. The courses are conducted on the Bedford High School campus, by Bedford teachers, and during the regular school day. Students will earn dual credit - both high school and college credit - through the College Credit program.

SOCIAL STUDIES

US HISTORY to 1877 **HST 1510**
Semester **1 Credit**
1 Period Daily **3 Semester Hours**

An overview and critical examination of United States history from Age of Exploration to end of Reconstruction, with emphasis on significant political, social, cultural, economic and military events as well as specific historical personalities. Will also examine the influence and contributions of women, minorities and ethnic groups.

US HISTORY since 1877 **HST 1520**
Semester **1 Credit**
1 Period Daily **3 Semester Hours**

An overview and critical examination of United States history from 1877 to the present with emphasis on significant political, social, cultural, economic and military events as well as specific historical personalities. Will also examine the influence and contributions of women, minorities and ethnic groups.

ENGLISH

COLLEGE COMPOSITION I **ENG 1010**
Semester **1 Credit**
1 Period Daily **3 Semester Hours**

Study of and practice in academic writing; reading and interpretation of selected texts. Course may be thematically organized.

COLLEGE COMPOSITION II **ENG 1020**
Semester **1 Credit**
1 Period Daily **3 Semester Hours**
Prerequisite: ENG 1010

Study and practice of persuasive and argumentative writing with emphasis on analysis and research; reading and interpretation of

INTRODUCTION TO FICTION **ENG 255**
Semester **1 Credit**
1 period daily **3 Semester Hours**
Prerequisite: ENG 161 and 162

Students will study short stories and novels to acquaint them with important themes and critical perspectives applicable to fiction.

INTRODUCTION TO POETRY **ENG 257**
Semester **1 Credit**
1 period daily **3 Semester Hours**
Prerequisite: ENG 161 and 162

This course is designed to help students understand and appreciate poetry through intensive study of representative poems.

SCIENCE

ENVIRONMENT, ECOLOGY, EVOLUTION **BIO1060**
Semester **1 Credit**
10 Periods Weekly **4 Semester Hours**
Prerequisite: Successful completion of Biology, Honors Bio, or another equivalent course.

Designed for non-science majors. Questions about the natural world are explored through an introduction to the principles of evolution and ecology, including how populations change over time and how organisms interact with each other and the environment. Topics include scientific inquiry; nature of science; evolutionary processes; diversity of life; population, community, and ecosystem ecology; human impacts on the environment; environmental stewardship; and regional environmental concerns. This course curriculum DOES NOT align to the Ohio Biology EOC

HUMAN BIOLOGY **BIO1050**
Semester **1 Credit**
10 Periods Weekly **4 Semester Hours**
Prerequisite: Successful completion of Biology, Honors Bio, or another equivalent course.

Designed for non-science majors. Considers the concept of homeostasis of the human body. Basic structure and function of body systems and

diseases of these systems studied. To fulfill laboratory science requirements, students should enroll in related laboratory course. This course curriculum DOES NOT align to the Ohio Biology EOC

ENGLISH

Four units are required for graduation. This includes English I, II, III and IV. Some courses may require students to purchase paperback books. All classes stress the skills necessary to pass state assessments. **Though students can earn an English credit at Heskett Middle School, the English department highly recommends that all students earn four credits of English at the high school in order to be best prepared for their post-secondary endeavors.**

READING IMPROVEMENT

Grades 9,10,11,12 **1 Period Daily**
Semester **1/2 Credit**

This blended learning course is designed to help students who may be identified as struggling readers through standardized test scores and teacher recommendations. Whole group learning scenarios anchor the coursework, while small group work increases targeted, data-driven instruction. Students will also work with technology independently to accelerate their learning on a personalized path. Finally, the course also has a focus on independent reading for content, comprehension, and pleasure. This course focuses on mastering foundational reading and comprehension skills to help the student become a more successful reader.

INTEGRATED READING

Grades 10, 11, 12 **1 Period Daily**
Semester **1/2 Credit**

This blended-learning course is designed to help students who may be identified as struggling readers through standardized test scores and teacher recommendations. Whole group learning scenarios anchor the coursework, while small group work increases targeted, data-driven instruction. Students will also work with technology independently to accelerate their learning on a personalized path. Finally, the course also has a focus on independent reading for content, comprehension, and pleasure. This course focuses on mastering foundational reading and comprehension skills to help the student become a more successful reader.

LANGUAGE ARTS INTERVENTION

Grades 9-12 **1 Period Daily**
Semester **1/2 Credit**

Prerequisite: Teacher Recommendation

This course is designed for students with Individual Education Plans containing goals for reading and/or writing. Instruction will be tailored to the individual needs of the students in the class. The course will emphasize the basic reading comprehension and writing skills that students need in order to complete grade level work.

ENGLISH I

Grade 9 **1 Period Daily**
Yearlong **1 Credit**

Fee: \$18.00 (workbook)

This course offers a basis for all aspects of the English curriculum. Literature and composition skills are emphasized. In literature, a variety of forms such as the short story, poetry, mythology and the novel will be emphasized. Composition work will grow out of the study of literature, placing emphasis on the writing process. Students will also receive instruction in study, listening, viewing, and speaking skills. **Note: Students who fail English I should repeat it in summer school.** Summer reading will be required and students may need to purchase paperback books.

PRE-ADVANCED PLACEMENT (Pre AP) ENGLISH I

Grades 8 & 9 **1 Period Daily**
Yearlong **1 Credit**

Fee: \$18.00 (workbook)

Prerequisite: Successful completion of Advanced English with a grade of "B" or better at Heskett Middle School, a score of

Proficient or higher on the state assessments.

Note: Students who do not take Pre AP English I at Heskett and are placed in it at the high school must also meet all prerequisites, as well as complete a writing sample evaluated by the English Department.

Those high ability students capable of handling a very rigorous enrichment course should select this course, and who will be following an enriched college preparatory program. In literature, the novel will be emphasized and the short story, poetry, and mythology will be studied. It is assumed that students enrolled in this course will be able to devote many hours of out of class time to the required reading, writing, and research. Students enrolled in Honors English I must conduct themselves with the maturity and responsibility appropriate to advanced study. **Note: Students who fail English I should repeat it in summer school.** Summer reading will be required, and students may be required to purchase paperbacks.

ENGLISH II

Grade 10

1 Period Daily

Yearlong

1 Credit

Fee: \$18.00 (workbook)

Prerequisite: Successful completion of English I

State assessments required upon completion of course sequence which will count toward graduation.

This course offers the student further preparation in composition and literature. World Literature will be the focus of the course, emphasizing close study of literary works, as well as consideration of historical and cultural context. The units focus not only on geographical regions, but also on themes and literary forms that pertain to them. Thus, the students will grasp the relationship between local concerns and universal questions. Throughout the year, students will take part in seminars, write essays, and deliver speeches. The composition component includes the skills of selecting and limiting a subject, writing a thesis statement, and supporting the thesis in an essay. Having read literature from a variety of cultures, the students will be ready to embark on the study of American Literature.

Note: Students who fail English II should repeat it in summer school. Summer reading will be required and students may need to purchase a workbook and/or paperback books.

PRE-ADVANCED PLACEMENT (Pre AP) ENGLISH II

Grades 9, 10

1 Period Daily

Yearlong

1 Credit

Fee: \$18.00 (workbook)

Prerequisite: Successful completion with a grade of "B" or better in Honors English I and advanced MAP/iReady scores.

State assessments required upon completion of course sequence which will count toward graduation.

This course should be selected by those Honors English I students capable of handling a very rigorous enrichment course and who will be following an enriched college preparatory program. World literature will be studied. Writing the literary essay will be emphasized. It is assumed that students enrolled in this course will be able to devote many hours of out of class time to the required reading, writing, and research. Students enrolled in Honors English II must conduct themselves with the maturity and responsibility appropriate to advanced study. **Note: Students who fail English II should repeat it in summer school.** Summer reading will be required, and students may be required to purchase paperbacks.

ENGLISH III

Grade 11

1 Period Daily

Yearlong

1 Credit

Fee: \$18.00 (workbook)

Prerequisite: Successful completion of English II.

This course offers the student further preparation in composition and literature. American literature will be the focus of the course, emphasizing analysis and interpretation. The composition program continues the skills of selecting and limiting a subject, writing a thesis statement, and supporting the thesis in an essay. The course will continue to develop an understanding of writing as a process. Writing, listening, speaking, and viewing activities will complement the literature. **Note: Students who fail English III should repeat it in summer school.** Summer reading will be

required and students may need to purchase paperback books.

PRE-ADVANCED PLACEMENT (Pre AP) ENGLISH III

Grade 10, 11 **1 Period Daily**
Yearlong **1 Credit**

Fee: \$18.00 (workbook)

Prerequisite: Successful completion of Honors English II with a grade of "B" or better, a score of Advanced or Accelerated on state assessment.

This course offers an in-depth study of American literature and will emphasize advanced analytical composition and reading in preparation for the Advanced Placement courses in the junior and senior year. It is assumed that students enrolled in this course will be able to devote many hours of out of class time to the required reading, writing, and research. Students enrolled in Honors English III must conduct themselves with the maturity and responsibility appropriate to advanced study. **Note: Students who fail English III should repeat it in summer school.** Summer reading will be required, and students may be required to purchase paperbacks.

ENGLISH IV

Grade 12 **1 Period Daily**
Yearlong **1 Credit**

Fee: \$18.00 (workbook)

Prerequisite: Successful completion of English III

This course offers advanced skill development in composition and literature. British literature will be the focus of the course, emphasizing

analysis and interpretation. According to the Common Core State Standards, students will be expected to relate a work to its historical circumstances, trace a symbol through a work or works or consider a moral or philosophical question. Writing assignments include essays and research papers. Summer reading will be required, and students may be required to purchase a workbook and/or paperback books.

Note: Students who have successfully completed Honors English I, II and III should choose Advanced Placement English or the LCCC English sequence for their required fourth year of English credit. Please refer to the necessary prerequisites for each of the options to make the appropriate course selection.

ELECTIVES

ACTING

Grades 11, 12 **1 Period Daily**
2nd Semester **1/2 Credit**

Prerequisite: Recommendation from the English Department Instructional Specialist

The objectives of this course are to assist the student in developing bodily and vocal responses, and to offer the foundation upon which good acting is built. Through study and

exercises in pantomime, stage movement, scene enactment, and the process of creating a role, the student gains not only competence in acting but assurance, poise, and self-confidence as well.

SONGS OF MY PEOPLE

Grade 12 **1 Period Daily**
Semester **1/2 Credit**

The goal of this course is to familiarize students with both modern and historical texts that are important to the African American literary heritage. We will be reading and analyzing various genres (folklore, short stories, essays, poetry, novels) to better understand how the material has changed over time and how it applies to their lives. They will be assessed in a variety of ways – writing essays, taking tests and quizzes, completing projects, keeping a writer’s notebook, and participating in the class discussions. Students may be required to purchase novels for this class.

SPEECH AND DEBATE

Grades 10, 11, 12 **1 Period Daily**
Semester **½ Credit**

This course will encompass a study and practice of principles in strategic, confident, and credible public speaking and debates skills. It includes a variety of oral presentations: special occasion, personal experience, impromptu panel discussion, both informative and persuasive. The focus will be on anxiety management, speech organization research and support, communication ethics, diverse audiences, listening skills and dynamic delivery.

WRITING FOR PUBLICATION

Grades 11, 12 **1 Period Daily**
Semester **½ Credit**

This is a unique course designed to give you a chance to study journalism, creative writing, and publication. Through extensive use of a writing workshop, you will study and apply the fundamentals of each area and how they all

come together in the form of a variety of publications including magazines, journals, blogs, and literary arts magazines. Course content will include non-fiction as well as fiction genres. A portion of this class will be devoted to dealing with the mechanics of submission, review, revision, illustration and publication process. As a cumulative project, students will be published in a class anthology, “The Green Light.”

LITERACY FOR ENGLISH LEARNERS

Grades 9, 10, 11, 12 **1 Period Daily**
Yearlong **1 Credit**

This course will serve as an additional support to students who demonstrate limited English proficiency by the recommendations of teacher, guidance and/or administration. Course content will be aligned to Ohio’s English Language Arts learning standards as well as to the English Learner proficiency standards and will assist students in communicating with others and participating effectively in the classroom and beyond. Command of English in four basic skills areas – speaking, reading, writing and listening – will be the focus. Instruction will be tailored to each student’s language proficiency and grade level. All English Language Learners will take the Ohio English Language Proficiency Assessment (OELPA) each Spring to determine acquisition skills in reading, writing, listening, and speaking. According to the ODE, ELL students scoring proficient in all areas or scoring advanced for two years will qualify to exit the ELL program

FAMILY & CONSUMER SCIENCE

CAREER & COLLEGE READINESS

Grades 10, 11 & 12 **1 Period Daily**
Semester **1/2 Credit**

In this course, students will develop effective learning strategies and skills to provide a strong foundation for successful lifelong learning. Throughout the course, students will research careers and occupations. Students will develop the skills necessary to apply and interview for a job. The course is designed to walk students

through the college application process, exposure to career and technical possibilities, and prepare for future and financial planning. Students will use the college and career readiness tool of Naviance to aid in this process. Additional support for graduation requirements, including state and local seal preparation and completion, will be reviewed.

COOKING/CULINARY FUNDAMENTALS

**Grades 10, 11 & 12
Semester**

**1 Period Daily
1/2 Credit**

In this course, students will explore food choices and guidelines for healthy nutrition.

This class will cover a wide variety of recipe areas. You will be exposed to basic knowledge of kitchen equipment and food preparation techniques.

JOB READINESS & TRANSITION SKILLS

CAREER EXPLORATION

**Grades 9, 10
Semester**

**1 Period Daily
1/2 Credit**

This course is restricted to selected students in the tenth grade. Part of the emphasis in this course will be on employability skills and job search techniques. Employability skills are those personal social behaviors and daily living habits that have been identified by employers and young entry-level workers as essential for obtaining employment and for success in the workplace. Job search techniques will focus on applications, resumes, interviewing, and follow-up skills. The rest of the emphasis will be on vocational and career exploration. The students will participate in a career evaluation, receive hands-on experiences in all of the vocational programs offered through the Bedford/Maple VEPD, have the opportunity to explore various careers in the college and career center, and shadow people in the community when appropriate. By the end of the semester all students should be able to choose a program that would best meet their vocational/career goals.

JOB READINESS SKILLS – 1

Teacher Recommendation only

**Grades 9, 10, 11, 12
Yearlong**

**1 Period Daily
1 Credit**

This program is designed as an introduction to the daily demands of working. Students will participate in classroom and school wide jobs where they can practice their skills in a socially appropriate setting. Goals are based on individual student needs. **Areas Covered Include:** job readiness, following a schedule, time on task, work speed and professional communication skills.

JOB READINESS SKILLS – 2

**Teacher Recommendation only 1 Period Daily
Grades 9, 10, 11, 12 (limit 10 students)
Yearlong 1 Credit**

Prerequisite: Vocational Skills 1

This program is designed as an introduction to the daily demands of working. Students will participate in classroom and school wide jobs

where they can practice their skills in a socially appropriate setting. Goals are based on individual student needs. **Areas Covered Include:** job readiness, following a schedule, time on task, work speed and professional communication skills and job searching skills.

INDEPENDENT LIVING 1

Teacher Recommendation only

**Grades 9, 10, 11, 12
Yearlong**

**1 Period Daily
1 Credit**

Fee: \$15.00

This program is designed to assist students in gaining the skills necessary to live as independently as possible after graduation. Goals are based on individual student needs. **Areas Covered Include:** safety, hygiene, leisure/recreation, cooking/nutrition.

INDEPENDENT LIVING 2

Teacher Recommendation only

**Grades 9, 10, 11, 12
Yearlong**

**1 Period Daily
1 Credit**

Fee: \$15.00

This program is designed to assist students in gaining the skills necessary to live as independently as possible after graduation. Goals are based on individual student needs. **Areas Covered Include:** safety, hygiene, leisure/recreation, cooking/nutrition, home maintenance and social skills.

INDEPENDENT LIVING 3

Teacher Recommendation only

**Grades 9, 10, 11, 12
Yearlong**

**1 Period Daily
1 Credit**

Fee: \$15.00

For students who have completed their graduation requirements but need further assistance before transitioning into their post-secondary setting. This program is designed to assist students in gaining the skills necessary to live as independently as possible after graduation. Goals are based on individual student needs. **Areas Covered Include:** safety, hygiene, leisure/recreation, cooking/nutrition, home maintenance, social skills and transition.

MATHEMATICS

Students are required to have 4 credits of Mathematics in four years of high school to graduate.

Students must successfully complete Algebra 1 then Geometry as their first two math credits. Third and fourth year math courses should be selected based upon a student's intended career pathway. Please see course descriptions, math teacher, guidance counselor, or [ODE website](#) for additional information.

INTEGRATED MATH

Grades 11, 12

1 Period Daily

Semester

1/2 Credit

This course is to be taken in conjunction with another math class and/or departmental approval as intervention for standardized math assessments. This course is designed to stress math modeling and higher order thinking using Algebra and Geometry. The math content needed to pass standardized assessments will be the objectives for this class to support those students in need of retaking a test for graduation/college placement. Students may be required to purchase a workbook. Scientific calculator/Desmos access is required (see Calculator Note). This is a math elective and will not count toward the credits of required math.

MATH INTERVENTION

Grades 9-12

1 Period Daily

Semester

1/2 Credit

Prerequisite: teacher recommendation

This course is designed for students with Individual Education Plans containing goals for math. Instruction will be tailored to the individual needs of the students in the class. The course will emphasize the basic math skills that students need in order to complete grade level work.

ALGEBRA I

Grades 9, 10, 11, 12

1 Period Daily

Yearlong

1 Credit

State assessments required upon completion of course sequence, which will count towards graduation.

Emphasis will be on the application of the concepts involved in the topics listed. This course deals with sets: Adding, subtracting, multiplying, dividing, finding roots and powers of real numbers and polynomials (numbers of

algebra); solving linear equations, inequalities, and quadratic equations. A graphing calculator is required.

INTENSIFIED ALGEBRA

Grades 9, 10, 11

10 Periods Weekly

Yearlong

1 Credit

Prerequisite: teacher recommendation

State assessments required upon completion of course sequence, which will count towards graduation.

This course is designed to support students who are struggling to show grade level proficiency on the math state assessments and/or have scored at least two grade levels below on the Math MAP Assessment. This course incorporates the Algebra I curriculum along with providing students additional instruction in necessary mathematical background knowledge. The extended instructional time supports the development of multiple strategies to solve problems, fosters conceptual understanding with algebra components, and develops student perseverance in mathematical work.

ALGEBRA II

Grades 9, 10, 11, 12

1 Period Daily

Yearlong

1 Credit

Prerequisite: successful completion of Algebra I

Emphasis will be on the application of the principles involved in the following topics: Properties of sets, finding sums, differences, products, quotients, roots, power of real numbers and polynomials, solving and graphing equations, and function and relation concepts. A graphing calculator is required.

*This is an Algebra II equivalent course.

Target Students: This course is designed for students intending to pursue a Calculus/advanced mathematics pathway. Course is appropriate for students intending to pursue a career in Medicine,

Engineering, Science, Mathematics or Financial Management.

HONORS ALGEBRA II

Grades 9, 10, 11, 12 **1 Period Daily**
Yearlong **1 Credit**

Prerequisite: successful completion of Algebra I, Geometry, MAP score of 240 or higher

Emphasis will be on structure and proof (theory). This course deals with properties of sets; finding sums, differences, products, quotients, roots, and power of real numbers, complex numbers and polynomials; algebraic, logarithmic, and exponential functions; permutations and combinations; progressions, and matrices. **Graphing calculator is required.**

*This is an Algebra II equivalent course.

Target Students: This course is designed for students intending to pursue a Calculus/advanced mathematics pathway. Course is appropriate for students intending to pursue a career in Medicine, Engineering, Science, Mathematics or Financial Management.

GEOMETRY

Grades 9, 10, 11, 12 **1 Period Daily**
Yearlong **1 Credit**

Prerequisite: successful completion of Algebra I

State assessments required upon completion of course sequence which will count toward graduation.

Emphasis will be on the application of the concepts involved in the topics listed. This course deals with properties of lines in a plane, plane figures (triangle, circle, etc.); plane coordinate geometry (using algebra to solve problems in geometry); and types of proof (deductive, indirect, inductive). A graphing calculator is required.

HONORS GEOMETRY

Grades 9, 10 **1 Period Daily**
Yearlong **1 Credit**

Prerequisite: successful completion of Algebra I, MAP score of 235 or higher

State assessments required upon completion of course sequence which will count toward graduation.

Emphasis will be on structure and proof (theory). This course deals with properties of lines in a plane and in space, plane figures

(triangle, circle, etc.), solids (cube, sphere, etc.); plane coordinate geometry (using algebra to solve problems in geometry); and types of proof (deductive, indirect, inductive). A graphing calculator is required.

PROBABILITY AND DATA ANALYSIS

Grades 10, 11, 12 **1 Period Daily**
Semester **½ Credit**

Prerequisite: successful completion of Algebra I

Probability and Data Analysis focuses on the collection, organization, interpretation and analysis of numerical data. Material presented in this course will connect mathematics to real world situations and will focus around common themes such sports, architecture, health care, and current events. Topics covered include permutations and combinations, sampling methods, normal, binomial, and geometric distributions, mathematical expectations, graphing data, and simulations. A graphing calculator is required.

This course should be taken with Financial Algebra to fulfill a full year math credit.

Target Students: This course is designed for students not anticipating four year college enrollment as well as those pursuing a career in practical nursing, firefighting, social work, political science, or human resources.

PRE-CALCULUS

Grades 10, 11, 12 **1 Period Daily**
Yearlong **1 Credit**

Prerequisite: successful completion of Algebra II, or Honors Algebra II; Math MAP scores of at least 245 or a proficient score on the pre-calculus placement test. This course deals with the study of analytic geometry; elementary, circular, and transcendental functions; vectors, induction and limits. This course is designed for students wishing to specialize in the fields of mathematics, science, and engineering. **This course is the prerequisite for Calculus 252.** A graphing calculator is required. *

FINANCIAL ALGEBRA

Grades 10, 11, 12 **1 Period Daily**
Semester **½ Credit**

Prerequisite: successful completion of Algebra I.

This course focuses on skills, understanding, reasoning and problem solving by combining algebraic and graphical approaches with practical business and personal finance applications. This course is designed to motivate students to explore algebraic thinking patterns and functions in a financial context. This course utilizes an applications based learning approach that connects math to the real world and encourages students to be actively involved in applying mathematical ideas to their everyday lives. Topics include: credit, income taxes, insurance, and household budgeting.

***Calculator Note:** – Students are required to have daily access to a graphing calculator (TI or Desmos).

This course should be taken with Probability/Data Analysis to fulfill a full year math credit.

DATA SCIENCE FOUNDATIONS

Grades 10, 11, 12 **1 Period Daily**
Yearlong **1 Credit**

Prerequisite: Algebra I and Geometry.

The Data Science Foundations course is ideal for anyone who wants to acquire a basic working knowledge of data science (which is a blend of quantitative reasoning, statistics and computer science to gain meaningful insights from data). We look at ways of collecting data, organizing it, and analyzing it (both mathematically and with computer software-where we learn some basic coding). Students will reason with and think critically about data in all forms. They will develop their understanding of data analysis, sampling, correlation/causation, bias and uncertainty, probability, modeling with data, making and evaluating data-based arguments, the power of data in society, and more.

Students are required to have daily access to a Chromebook/laptop in order to complete online coding assignments.

Target students: *Course is appropriate for students with limited or no prior programming, statistics, or data analytics knowledge but want to acquire a basic working knowledge of data science, enjoy working with real-world issues involving data and desire to become better-informed citizens. Course designed for students anticipating a career in Behavioral sciences, Computer Science/Networking, Data Analysis, Marketing, Business Analysis, Criminal*

Justice, Public Relations, or any Arts or Humanities degree.

*This is an Algebra II equivalent course.

MATH MODELING AND REASONING

Grades 10, 11, 12 **1 Period Daily**
Yearlong **1 Credit**

Prerequisite: Algebra I and Geometry. Daily access to a graphing calculator is required.

This course is designed to promote reasoning, problem-solving and modeling through thematic units focused on mathematical practices while reinforcing and extending content in Number and Quantity, Algebra, Functions, Statistics and Probability, and Geometry. Through quantitative reasoning, problem-solving, and modeling, students will be expected to apply mathematics to real world situations. These habits and skills promote perseverance and cut across disciplines, thus providing a gateway into successful postsecondary education and a variety of careers.

This course is intended for students anticipating college enrollment, on a pathway that does not require calculus.

Target students: *This course is designed for students that enjoy hands-on, collaborative work within real-world contexts. This course is appropriate for all career pathways but is most relevant for those anticipating a career in the arts or behavior sciences, elementary education, or a career that emphasizes utilizing measurements or units, such as Graphic Design, Music Composition, Construction, or Technical Writing.*

*This is an Algebra II equivalent course.

CALCULUS

Grade 10, 11, 12 **1 Period Daily**
Yearlong **1 Credit**

Prerequisite: successful completion of Pre-Calculus

This course is designed for students wishing to continue their study in calculus through the study of limits and continuity, derivatives, definite integrals, exponential and logarithmic functions, trigonometric functions, and techniques of integration. Topics covered in this course will be of an analytic nature with the emphasis on the derivative and its applications. **A graphing calculator is required.***

Target students: *The study of Calculus is most appropriate for students who intend to pursue a*

career in engineering, physics, actuary science, biotechnology and mathematics.

NOTE: Students who have not previously taken Algebra I prior to Grade 9, but who would like to take Calculus in grade 12, are encouraged to take both Geometry and Algebra II in their sophomore year and then Pre-Calculus in grade 11. Students must obtain permission from their Algebra I teacher.

***Graphing Calculator Note:** Students are required to have daily access to a graphing calculator. The Texas Instrument TI83 or TI84 is preferred. As an option, students will need to access Desmos at www.desmos.com and download this to an appropriate device/Chromebook. Students may be required to use Test Mode during class time.

Personal Finance

Grade 10

1 Period Daily

Semester

½ Credit

The focus of this course is to provide students with the knowledge they need to make a lifetime of informed financial decisions. It will prepare students to understand financial literacy concepts and helps them to become savvy consumers who can avoid scams, make sound financial decisions, distinguish between different types of insurance and how they protect individuals, explains how to create budgets and plan for unexpected expenses and provides an introduction to investing.

IMPORTANT Math Course Sequencing:

The study of mathematics is a sequential process. As such, students will be required to take courses in a developmentally appropriate and defined sequence which must be adhered to in order to ensure student success. Earning 4 math credits in 4 years may prove challenging for students for many reasons. Therefore, the following progression is provided so that those students who failed a math course or otherwise fall out of sequence, may be able to take some courses concurrently to get back on track for graduation, but ONLY as specified below:

COURSE OFFERING	PREREQUISITE(S)	POSSIBLE CONCURRENT OFFERINGS
Algebra I OR Intensified Algebra	None	None
Geometry	Algebra I	Algebra II, Probability
Honors Geometry	Algebra I, MAP score 235+	Honors Algebra II
Probability/Data Analysis	Algebra I	Geometry, Financial Algebra, Algebra II equivalent
Financial Algebra	Algebra I	Geometry, Probability/Data Analysis, Algebra II or equivalent*
Algebra II	Algebra I	Geometry, Probability/Data Analysis, Financial Algebra, Algebra II equivalent
Honors Algebra II	Algebra I, MAP score 240+	Honors Geometry, AP Computer Science
Math Modeling & Reasoning (MMR)	Algebra I, Geometry	Financial Algebra, Probability/Data Analysis, Algebra 2 equivalent
Data Science Foundations (DSF)	Algebra I, Geometry	AP Stats, Algebra 2 equivalent
Integrated Math	required assistance on standardized math assessments	Any
Pre-Calculus	H Geometry, H Algebra II, MAP score 245+	AP Stats, AP Computer Science
Calculus	Pre-Calculus	AP Stats, AP Computer Science
AP Statistics	Algebra II or equivalent*	Pre-Calculus, Calculus/AP Calculus, LCCC
AP Calculus AB	Pre-Calculus	AP Stats, LCCC
AP Computer Science A	Algebra I	Algebra II equivalent, Geometry, Statistics

***Algebra II equivalent courses are Algebra II, Honors Algebra II, Math Modeling & Reasoning (MMR), or Data Science Foundations (DSF). At least one of these courses is required for graduation.**

MUSIC EDUCATION

Courses in this department meet the fine arts requirements for unconditional admission to state universities in Ohio. **Please note that there is a \$25.00 usage fee assessed to any student using a school-owned instrument.**

MARCHING BAND/SYMPHONIC CONCERT MARCHING BAND/WIND ENSEMBLE

Grades 9–12 **1 Period Daily**
Yearlong **1 Credit**

Band has two divisions for a full year's study: (1) Marching Band/Symphonic Concert Band, and (2) Marching Band/ Wind Ensemble. Band starts in the summer with practices and band camp.

(Cost: approximately \$250). Occasional evening and after-school practices are required. After marching season, students are auditioned into Symphonic Concert Band and Wind Ensemble (the more advanced players). **NOTE:** Band members may participate in Jazz/Stage Band and other after-school ensembles. Students are expected to provide band shoes, t-shirt, shorts, and uniform cleaning. All students need to be scheduled for the class during the day unless they are enrolled in a career/technical block. There is a \$25.00 usage fee, per year, for any student that uses a school-owned instrument.

FLAG CORPS/MARCHING BAND/ AUXILIARIES

Grades 9–12 **1 Period Daily**
Marching Season (1st Quarter) **1/4 Credit**

Members of Flag Corps are Majorettes, Dance Line, and Flags only. Flag Corps members, who are **auditioned in early spring, must attend a special camp in the summer and Band Camp (cost: approximately \$250). Summer practices and Marching Band rehearsals are mandatory.** All Guard members must sign up for the class during the day. After marching season, Guard members are rescheduled to a study hall for the rest of the semester. Any Guard member, who plays an instrument and has auditioned for band, will continue to play in concert season. Flag Corps members operate under the Rules and Regulations of the Marching Band and its directors.

ORCHESTRA

Grades 9–12 **1 Period Daily**
Yearlong **1 Credit**

Orchestra offers the student an opportunity to learn about the various styles of orchestral music through artistic performances. The musical development started in the lower grades is continued through the study of the works of well-known composers. The orchestra performs in many concerts, and at various other functions throughout the year. Orchestra students need to audition each year for the ensemble. This allows monitoring of students' progress and playing skills from year to year. There is a \$25.00 usage fee for any student using a school-owned instrument.

MIXED CHORUS

Grades 9–12 **1 Period Daily**
Yearlong **1 Credit**

The class provides the opportunity for students to further develop their vocal music abilities through the study and performance of three- and four-part choral music suited to their abilities. Two major performances are scheduled.

A CAPPELLA CHOIR

Grades 10, 11, 12 **1 Period Daily**
Yearlong **1 Credit**
Fee: \$10.00

This is a highly selective group. **Membership is determined by individual auditions held in the second semester of each year.** Members are selected on the basis of voice quality, range, pitch discrimination, memory, and music reading ability. The Choir performs in public concerts, school assemblies and other community programs. Students will be required to pay a fee for robe maintenance.

MADRIGAL

Grades 11, 12 **1 Period Daily**
Yearlong **1 Credit**

Both Madrigal and Chamber Choir literature will be emphasized. The performance schedule is regulated to maintain as many appearances as possible. Enrollment is limited to 16 members selected through audition by the choir director. **Cost of concert attire is the responsibility of individual students. Madrigal members must be in A Cappella Choir.**

MUSIC FUNDAMENTALS AND THEORY

Grades 9, 10, 11, 12

1 Period Daily

Yearlong

1 Credit

This class provides study in the basic elements of music and their application. It includes the fundamentals of theory – scales, key signatures, intervals, chords and chord progression, sight singing and ear training, as well as composition and

arranging. This is a class for any student who is interested in pursuing music as a career choice.

The final project includes the creation of individual student compositions that are to be performed in front of an audience.

Finale, Noteflights, Audacity, iPhoto, Handbreak, SnapzPro, iMovie, Keynote and Garage Band.

Students will create podcasts, slideshows, soundtracks, websites and many other

project-based products throughout the course.

This class is for students that are self-directed and those who can work independently on

required projects. This course is open to all

students, regardless of experience or background knowledge.

MUSIC APPRECIATION

Grades 9, 10, 11, 12

1 Period Daily

Semester

½ Credit

This course gives a broad picture of music literature through the study of the elements of music and its history and development. Through the use of recordings, students gain an understanding of various style periods in Western music, including contemporary music, and of how music relates to mankind and the world. Open to all students regardless of experience or background in music.

MUSIC TECHNOLOGY

Grades 9, 10, 11, 12

1 Period Daily

Semester

½ Credit

This class will provide students with hands-on experience into the world of music technology.

After a basic understanding of music through some music theory instruction, the students will learn the following software applications: Sibelius,

PHYSICAL EDUCATION/HEALTH

One-half unit of credit in Physical Education and one-half unit of credit in Health are required for graduation. Students may sign up for additional Physical Education after the requirement is fulfilled. Proper athletic attire for physical education classes is required at all times.

**A student who, during high school, has participated in interscholastic athletics, marching band, or cheerleading for at least two full seasons is not required to complete any PE courses. However, that student is still required to complete and earn the ½ credit in another course of study.*

FRESHMEN PHYSICAL EDUCATION

Grade 9 only **1 Period Daily**
Yearlong **½ Credit**
Fee: \$4.00 swim

This course is designed to provide students with the knowledge and skills needed to engage in a physically active, healthy lifestyle throughout life. Four areas of focus in this course include: swimming, lifetime/leisure activities, and individual and team sports. This course will fulfill the physical education and swimming requirements for graduation.

SWIMMING

Grades 10, 11, 12 **1 Period Daily**
Semester **¼ Credit**
Fee: \$4.00

The Physical Education staff will assist the student in deciding which level best fits his/her skill proficiency when choosing activities offered in Beginning, Intermediate or Advanced Sections.

PHYSICAL EDUCATION

Grades 10, 11, 12 **1 Period Daily**
Semester **¼ Credit**

Physical Education is offered as a semester course, which meets one period a day, five days a week, and receives 1/4 credit. Students must successfully complete 1/2 Carnegie Unit of Credit (2 semesters) in Physical Education as a requirement for graduation. The two semesters may be completed any time during the student's high school career. After completing the two required semesters, a student may elect additional semesters of Physical Education.

(MODIFIED) PHYSICAL EDUCATION (Restricted Enrollment)

Grades 9,10,11,12 **1 Period Daily**
Yearlong **½ Credit**
Fee: \$4.00

LIFETIME FITNESS AND ATHLETIC TRAINING
Grades 10, 11, 12 **1 Period Daily**
Semester **¼ Credit**

This course is designed to establish an interest in developing and improving areas of physical fitness and athletic strength and includes physical fitness, nutrition, and body composition. The students will participate in weight training, cardiovascular activities, circuit training, flexibility, and lifetime activities to promote the importance of staying healthy and physically fit for life. Students will create and follow individualized programs. This course is also strongly recommended, but not limited to, those students interested in improving and maintaining their athletic strength and conditioning. Note that this class will include gender-specific sections in order to best meet the diverse needs of male and female adolescents.

HEALTH EDUCATION

Grades 10, 11, 12 **1 Period Daily**
Semester **½ Credit**

Instruction is given in special classes concerning desirable health habits and attitudes, based on scientific knowledge of the human body; causes of diseases; nutrition; exercise; physical and emotional development; and sexually transmitted diseases. Students consider the patterns of social conduct, which contribute not only to the health of the individual, but ensure wholesome family and community living. Students also receive instruction in the harmful effects of tobacco, as well as addictive and abused chemical substances.

NUTRITION AND WELLNESS

Grades 10, 11, 12
Semester

1 Period Daily
½ Credit

Prerequisite: Must have passed HEALTH EDUCATION with a C or higher.

It is the premise of this curriculum to provide an in-depth look at a variety of health related topics not addressed in the required Health class and to provide students with the venue with which to investigate, process and discuss, and make conclusions about such topics as nutrition and fitness, CPR and AED certification, independent living, and other health related topics and issues to improve personal health and performance. CPR and AED certification will be taught and a card received for a fee TBD by the American Red Cross.

INTRODUCTION TO DANCE

Grades 10, 11, 12
Semester

1 Period Daily
½ Credit

A study of the skills and processes necessary to understand and experience dance as an art form and as a means of meaningful communication. Emphasis is placed on kinesthetic intelligence and the fundamentals of dance and choreography.

COMPREHENSIVE DANCE

Grades 10, 11, 12
Semester

1 Period Daily
½ Credit

A comprehensive study of the knowledge and processes of creating, performing, responding to, and representing ideas through the art form of dance. Multiculturalism, art history, art criticism and aesthetics are incorporated into course content and dance experiences for individual and group learning.

SCIENCE

3 credits of Science are required for graduation.

PHYSICAL SCIENCE

Grades: 9-12

1 Period Daily

Yearlong

1 Credit

Fee: \$3.00

Physical Science comprises the systematic study of the physical world as it relates to fundamental concepts about matter, energy, and motion. A unified understanding of phenomena in physical, living, Earth and space system is the culmination of all previously learned concepts related to chemistry, physics, and earth and space science along with historical perspective and mathematical reasoning.

EARTH SCIENCE

Grades 11, 12

1 Period Daily

Yearlong

1 Credit

Prerequisite: one credit of biology

This course is designed for students who need a third science credit. The course covers: geology, the study of the Earth, including minerals, rocks, Earth's resources, Earth's history, glacial geology and environmental problems.

INTEGRATED SCIENCE

Grades 11, 12

1 Period Daily

Semester

½ Credit

Prerequisite: 1 credit earned in Biology.

This course is designed for students who will need to retake an Ohio state assessment for graduation. The course will emphasize concepts and skills of Biology. Emphasis will also be placed on successful test-taking strategies and practice/simulated tests. Students may be required to purchase a workbook. This course is a science elective and will not count toward the credits needed for science.

SCIENCE IN SOCIETY

Grades 11, 12

1 Period Daily

Yearlong

1 Credit

Prerequisite: 2 earned credits of science, including biology.

This course deals with biological aspects of humans, their impact on the environment, and current development of ideas and technologies in science fields. Students will study ecological and scientific principles that govern the world, examine current environmental problems and

issues, and learn how scientific advancements impact our society. They will develop a greater awareness of global interdependence, the role of individuals in affecting environmental issues, and how new technologies improve our world. This course is designed for non-science majors.

HONORS BIOLOGY

Grade 9 or 10

7 Periods Weekly

Yearlong

1 Credit

Fee: \$15

State assessments required upon completion of course.

This is a rigorous course designed for students who wish to pursue a strong four-year college science program. Honors Biology is designed to develop an understanding of the mechanisms concerned with life and living things. Biological and biochemical factors are discussed in detail with emphasis placed on cellular processes, classification, and heredity. Laboratory study is included.

BIOLOGY

Grades 10, 11, 12

7 Periods Weekly

Yearlong

1 Credit

State assessments required upon completion of course.

General Biology is a college preparatory course to develop an understanding of the mechanisms concerned with the living world. Biological factors discussed in detail include development, physiology and heredity of living organisms with a strong emphasis on the Ohio end of course exam competencies.

ANATOMY/PHYSIOLOGY

Grades 11, 12

7 Periods Weekly

Semester

½ Credit

Prerequisites: 1 credit earned in both Biology and Chemistry

This course is designed for students that have completed one year of biology and chemistry and have an interest in advanced biological study. It is offered as an elective for college preparatory students. The focus will be on the structure and function of living organisms from all kingdoms of life. Students will be required to have a scientific calculator for this class.

BIOCHEMISTRY/CELL BIOLOGY

Grades 11, 12 **7 Periods Weekly**
Semester **½ Credit**

Prerequisites: 1 credit earned in both Biology and Chemistry

This course is designated for students that have completed one year of biology and chemistry and have an interest in advanced biological study. It is offered as an elective to college preparatory students. The focus will be on the chemistry of living organisms and their functions. Students will be required to have a scientific calculator for this class.

HONORS CHEMISTRY

Grades 10, 11 **7 Periods Weekly**
Yearlong **1 Credit**
Fee: \$30.00

Prerequisite: 1 credit earned in both Algebra I and Honors Biology, as well as completion of or concurrent enrollment in Algebra II.

Honors Chemistry is primarily intended for students who have successfully completed Honors Biology or who have completed general Biology with teacher recommendation. Topics covered in regular

Chemistry will be studied in greater detail. More emphasis will be placed on the laboratory work.

Students will be required to have a scientific calculator.

CHEMISTRY

Grades 10, 11, 12 **7 Periods Weekly**
Yearlong **1 Credit**
Fee: \$30.00

Prerequisite: 1 credit earned in both Algebra I and Biology.

The study of Chemistry offers the student an opportunity to attain knowledge of the mechanics

of Chemistry, to understand the structure of matter; to study elementary formulas and compounds and to learn the practice of laboratory technique. Specific outcomes of the course establish better habits of accuracy, concentration, and progress in scientific thinking. Students will be required to purchase a workbook, goggles, and lab apron. **This class has a strong math emphasis. Students will be required to have a scientific calculator.**

PHYSICS

Grades 10, 11, 12 **7 Periods Weekly**
Yearlong **1 Credit**
Fee: \$5.00

Prerequisite: 1 credit earned in both Algebra II and Geometry

This course is designed for college bound students who wish to acquire a working knowledge of the mechanics of physics. Topics covered are mechanics of motion, electromagnetism and wave theory. Laboratory activities are required and basic to successful completion of course work. Students will be required to purchase materials for this class.

Students will be required to have a scientific calculator.

BIOTECHNOLOGY

Please see the Career and Technical Education Program of Studies Supplement for full course descriptions for this offering. You may also contact a guidance counselor or science teacher for further information.

SOCIAL STUDIES

Students will be required to take World Studies 1750 - Present, United States from 1877 - Present, and Government as the Social Studies courses required for graduation.

US STUDIES 1877 - PRESENT

Post Reconstruction through the 20th Century

Grade 10 **1 Period Daily**

Yearlong **1 Credit**

State assessments required upon completion of course sequence.

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

US STUDIES 1877 - PRESENT (Honors)

Post Reconstruction through the 20th Century

Grade 10 **1 Period Daily**

Yearlong **1 Credit**

State assessments required upon completion of course sequence.

This rigorous course is designed to challenge the student who has successfully completed their 8th grade Honors course with a "B" or better final grade. This study will incorporate each of the seven Social Studies standards. As students study historic eras, they consider the geographic, cultural, economic and governmental changes that have occurred. Students develop a deeper understanding of their role as citizens and continue to expand their command of social studies skills and methods.

WORLD STUDIES

Grade 9 **1 Period Daily**

Yearlong **1 Credit**

This course examines world events from 1600 to the present. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires, the ideas that led

to the independence movement and the effects of global interdependence. The catalysts of

historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

AMERICAN GOVERNMENT

Grade 11, 12 **1 Period Daily**

Yearlong **1 Credit**

State assessments required upon completion of course sequence.

The student will study the American system of government. Topics include elections, voting, branches of government, political socialization, state and local government, Federalism and the US Constitution. This course will also discuss how the American government interacts with the US economy and the subsequent role of citizens within that system.

ELECTIVES

INTEGRATED SOCIAL STUDIES

Grades 10, 11, 12 **1 Period Daily**
Semester **½ Credit**

This course is highly recommended for students who will need to retake an Ohio end-of-course assessment in US History in order to graduate. The course will emphasize the concepts and skills of these courses as well as successful test-taking strategies. Practical simulated tests will also be administered. This course is a social studies elective and will not count toward the credits required in social studies to graduate.

EARLY AFRICAN AMERICAN STUDIES

Grades 10, 11, 12 **1 Period Daily**
Semester **½ Credit**

In this course, students will explore African-American history beginning with the great kingdoms of Ancient Africa, with an emphasis on West African civilizations. Subsequently, students will undertake a comprehensive study of the African Diaspora from the perspective of Africans and their descendants. Students will also examine African-American resistance to historical oppression, with an emphasis on resistance to slavery. Finally, students will trace the development of the early U.S. republic from the African-American perspective, followed by the sectional differences that resulted in the Civil War, and the critical role of African Americans in the Union victory.

MODERN AFRICAN AMERICAN STUDIES

Grades 10, 11, 12 **1 Period Daily**
Semester **½ Credit**

In this course, students will analyze the modern African-American experience through an Afrocentric perspective with emphasis on the ongoing struggle for liberation from historic means of oppression. Beginning with the Reconstruction Period following the Civil War, students will analyze the role of African Americans in forging a new interpretation of the U.S. Constitution. Then students will study resistance to systemic forms of racial oppression in the South during the second half of the 19th century, followed by the spread of African-American culture throughout the country

during the Great Migration and Harlem Renaissance. Students will then analyze 20th century leaders, social movements, and organizations with an emphasis on African-American achievement and liberation. Finally, students will discuss and debate current issues facing the African-American community.

PERSPECTIVES FOR A DIVERSE AMERICA

Grades 10, 11, 12 **1 Period Daily**
Semester **½ Credit**

This is an elective course for students who seek to explore the past and present social issues through the use of literature, drama, music, art and other forms of media. Students must be willing to participate in discussions revolving around topics, non-fiction and fiction readings that will be required for the course. Students will read, discuss and write for the purpose of understanding and dealing with the impact of social issues on their lives and those of their peers. Topics will include but not be limited to Martin Luther King, Jim Crow, racism, discrimination, gender inequality, and hate crimes. Through these activities, students will learn tolerance and be able to express themselves respectfully and responsibly. Journals will be maintained throughout this course.

SOCIOLOGY

Grades 10, 11, 12 **1 Period Daily**
Semester **½ Credit**

The student will study group and individual behavior, personal development, social organization, social institutions, and social change. The course involves individual and small group activities, small- and large-group discussion, and outside readings.

ECONOMICS

Grade 11, 12 **1 Period Daily**
Semester **½ Credit**

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

PSYCHOLOGY I**Grade 10, 11, 12****1 Period Daily****Semester****½ Credit**

Psychology I is meant to introduce students to the major concepts in Psychology. This course begins with the historical development of Psychology as a Social Science.

Students will also learn about the major topics of theories of learning and memory, personality, and the effects of heredity and environment on human behavior. This course will expose students to psychology content while offering support of the high school teacher prior to taking the course in college.

PSYCHOLOGY II**Grade 11, 12****1 Period Daily****Semester****½ Credit****Prerequisites: Must have completed****Psychology I with a grade of at least a C**

Psychology II is a more advanced course for students who have mastered the content of Psychology I and would like to explore the field further. Some of the topics that were introduced in the Psychology I course will be explored in greater depth in Psychology II.

Topics include principles of learning, processes of thinking, development of personality, measurement of intellectual ability and the study of heredity and environment. New topics introduced include psychological statistics, testing, developmental psychology, abnormal psychology and psychology career paths.

WORLD LANGUAGE

Students will be required to purchase a workbook for the classes listed below. Fees for each course will reflect the cost of the workbook.

SPANISH I

Grades 8, 9, 10, 11, 12

1 Period Daily

Yearlong

1 Credit

Prerequisite: minimum of 220 on most recent MAP reading test or 616 on iReady

Spanish I introduces the student to the pronunciation and basic grammar structures of the Spanish language. This introduction enables the student to develop a foundation in the four basic skills: listening, speaking, reading, and writing. Discussion of the history, geography, and culture of the Hispanic people is also an important element of this course.

SPANISH II

Grades 9, 10, 11, 12

1 Period Daily

Yearlong

1 Credit

Prerequisite: Spanish I (C or higher)

At the second level, the reading, writing, listening, and speaking skills of Spanish I are expanded. Emphasis is placed on increasing vocabulary, grammar, and dealing with varied travel, cultural and conversational situations.

SPANISH III

Grades 10, 11, 12

1 Period Daily

Yearlong

1 Credit

Fee: \$17.00

Prerequisite: Spanish II (C or higher)

The students further their knowledge of the four basic language skills with emphasis on conversation, reading and writing. Short stories, a novelette and selected readings offer the students opportunities to increase their understanding of the Spanish language. A thorough study of grammar is an essential part of the course. Also included are studies of geography, culture, foods, animals, and other useful vocabulary.

SPANISH IV

Grade 11, 12

1 Period Daily

Yearlong

1 Credit

Prerequisite: Spanish III (C or higher)

The material includes works of outstanding writers from the twelfth century to the present. Included are fables, short stories, poems, essays, letters, novels, plays and periodicals. Also included are units on food, Hispanics in the U.S., politics, art, religion, roles of men and women today, children's stories, and highlights of Spanish culture. Emphasis is

placed on conversation, composition, reading, and analysis of literature. **Classes with small enrollment may be dropped or combined with Spanish III.**

AMERICAN SIGN LANGUAGE (ASL) I

Grades 9, 10, 11, 12

1 Period Daily

Yearlong

1 Credit

The American Sign Language will introduce students to communicative proficiency skills in ASL, the language of the American Deaf Community. The course will focus on frequently used signs, questions, commands and other simple sentence structures as well as further explore the deaf community and culture. Emphasis will be placed on conversational receptive and expressive skills.

AMERICAN SIGN LANGUAGE (ASL) II

Grades 9, 10, 11, 12

1 Period Daily

Yearlong

1 Credit

Prerequisite: ASL I (C or higher)

At the second level, there will be continued development of the communicative proficiency skills established in level I. Expressive and receptive skills will be emphasized as well as increased awareness of Deaf Culture. Increased focus on comprehension and production of grammatical features will be crucial.

AMERICAN SIGN LANGUAGE (ASL) III

Grades 10, 11, 12

1 Period Daily

Yearlong

1 Credit

Prerequisite: ASL II (C or higher)

Students will further their knowledge and continue development of expressive and receptive skills. Increased awareness of deaf culture and comparisons to other cultures will be a main topic of study. Continued focus on comprehension and production of complex grammatical features.

AMERICAN SIGN LANGUAGE (ASL) IV

Grades 10, 11, 12

1 Period Daily

Yearlong

1 Credit

Prerequisite: ASL III (C or higher)

will expand their higher level conversational skills, their understanding of Deaf culture and manual/non-manual aspects of ASL. Taking this course after ASL I, II, and III will complete the ASL Pathway.

2022 - 2023 BEDFORD CITY SCHOOLS COURSE SELECTION

All students must be enrolled in a minimum of five and a quarter (5-1/4) credits

ENGLISH

Integrated Reading	.50
Reading Improvement	.50
Language Arts Intervention	.50
English I	1.00
Honors English I	1.00
English II	1.00
Honors English II	1.00
English III	1.00
Honors English III	1.00
English IV	1.00
Literacy for English Learners	1.00
Acting	.50
Song of My People	.50
Speech & Debate	.50
Writing for Publication	.50

SOCIAL STUDIES

World Studies	1.00
U.S. Studies	1.00
Honors U.S. Studies	1.00
Integrated Social Studies	.50
Early African American Studies	.50
Modern African American Studies	.50
American Government	1.00
Sociology	.50
Economics	.50
Perspectives for Diverse America	.50
Psychology I	.50
Psychology II	.50

MATHEMATICS

Integrated Math	.50
Math Intervention	.50
Algebra I	1.00
Intensified Algebra	1.00
Algebra II	1.00
Honors Algebra II	1.00
Geometry	1.00
Honors Geometry	1.00
Probability/Data Analysis	.50
Data Science Foundations	1.00
Financial Algebra	1.00
Math Modeling & Reasoning	1.00
Pre-Calculus	1.00
Calculus	1.00
Personal Finance	.50

SCIENCE

Physical Science	1.00
Earth Science	1.00
Integrated Science	.50
Science in Society	1.00
Honors Biology	1.00

Biology	1.00
Anatomy/Physiology	.50
Biochem/Cell Biology	.50
Honors Chemistry	1.00
Chemistry	1.00
Physics	1.00
Biotechnology	2.00

WORLD LANGUAGE

Spanish I	1.00
Spanish II	1.00
Spanish III	1.00
Spanish IV	1.00
American Sign Language (ASL) I	1.00
American Sign Language (ASL) II	1.00
American Sign Language (ASL) III	1.00
American Sign Language (ASL) IV	1.00

ART

Art I	1.00
Art II	1.00
Art III	1.00
Art IV	2.00
Wearable Design I	.50
Wearable Design II	.50
Jewelry	.50
Ceramics	.50
Digital Photography I	.50
Digital Photography II	.50

MUSIC

March/Symph/Con.	1.00
March/Wind Ens.	1.00
Flag Corps.	.25
Orchestra	1.00
Mixed Chorus	1.00
A Cappella Choir	1.00
Madrigal	1.00
Music Fund/Theory	1.00
Music Appreciation	.50
Music Technology	.50

PHYSICAL ED/HEALTH

Freshmen Phys. Ed.	.50
Physical Education	.25
Modified PE	.50
Lifetime Fitness (female)	.25
Lifetime Fitness (male)	.25
Health	.50
Nutrition & Wellness	.50
Introduction to Dance	.50
Comprehensive Dance	.50

CAREER READINESS

PATHWAYS (CTE)

Marketing Applications	1.00
Digital Marketing	1.00
Merchandising & Buying	1.00
Strategic Entrepreneurship	1.00
Foundations of Education & Teaching	1.00
Education Principles	1.00
Child and Adolescent Development	1.00
Curriculum & Instruction for Teaching Professions	1.00

CAREER READINESS ELECTIVES

Employability in the Marketplace	.50
Computer Applications	.50
Personal Finance	.50
Professional Work Experience	2.00
Microsoft Office Capstone	1.00
Introduction to Teaching	.50
Introduction to Auto Care	.50
Introduction to Cybersecurity	.50
Pre-Engineering Technology	.50
Business Foundations	.50
Legal Environment of Business	1.00

CAPSTONE COURSES

Business Capstone	.50
Microsoft Office Capstone	1.00

COLLEGE CREDIT PLUS (CCP)

HST1510 US I to 1877	1.00
HST1520 US II since 1877	1.00
BIO1060 Env, Eco, Evo	1.00
BIO1050 Human Biology	1.00
ENG1010 College Composition I	1.00
ENG1020 College Composition II	1.00
ENG255 Intro to Fiction	1.00
ENG257 Intro to Poetry	1.00

ADVANCED PLACEMENT (AP)

AP English Language	1.00
AP English Literature	1.00
AP American History	1.00
AP World History	1.00
AP Government & Politics	1.00
AP Statistics	1.00
AP Calculus AB	1.00
AP Chemistry	1.00
AP Physics	1.00
AP Computer Science Principles	1.00
AP Computer Science A	1.00

JOB READINESS & TRANSITION**SKILLS**

Career Exploration	.50
Job Readiness Skills 1	1.00
Job Readiness Skills 2	1.00
Independent Living 1	1.00
Independent Living 2	1.00
Independent Living 3	1.00

MISCELLANEOUS ELECTIVES

Freshman Concepts	1.00
Cadet Core I	1.00
Cadet Core II	1.00
Cadet Core III	1.00
Cadet Core IV	1.00
Service Learning Seminar	.50
Introduction to Teaching	.50
Students of Promise	NC

FAMILY & CONSUMER SCIENCE

College & Career Readiness	.50
Cooking/Culinary Fundamentals	.50