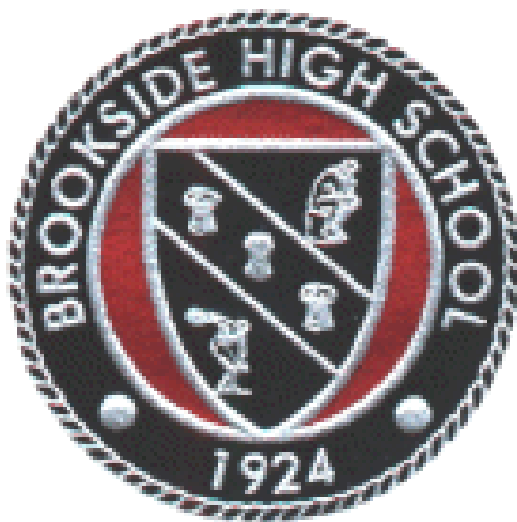


# Brookside High School

## Curriculum Guide

2022-2023



Sheffield-Sheffield Lake City Schools

Cardinal Pride, Community Wide

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## INTRODUCTION

Dear Parent:

During the coming weeks, your student will be working with the school counselors to schedule their courses for the next school year. Please use the information in this guide to help you as you make scheduling decisions.

Included in this booklet you will find a summation of courses and a description by subject area. You will also find detailed information pertaining to graduation requirements.

Your student's past achievements, tested abilities and demonstrated interests should act as the foundation for informed course selection. Each student is unique. Selection of courses should go far in developing that uniqueness. In other words, the selection should be centered on what is good for the student as a developing person, tempered by past achievements and future expectations.

Your child will be working with their school counselor to develop a course schedule. Please feel free to contact the school counselors if you have questions concerning the scheduling of your child. The phone number for the main office is (440) 949-4220.

No student shall be denied admission to the Sheffield-Sheffield Lake City School District, to a particular course, or instructional program, or be discriminated against for reason of race, color, national origin, sex, disability or any other basis of unlawful discrimination.

## PHILOSOPHY OF BROOKSIDE HIGH SCHOOL

Education should develop the individual student to their fullest capacity. Brookside is a comprehensive high school whose curriculum is aligned with the Ohio Academic Content Standards.

We believe that the responsibility of education is to guide the student in recognizing, preserving, and fostering the values of our democratic society and the individual's role as a responsible citizen in this society.

We believe in the worth and integrity of each student. It is our aim and purpose to guide each student toward the fulfillment of their individual potential, so that they may function as a reasoning member of the community and achieve satisfaction in their own personal life.

Objectives:

1. to provide education for each student according to their abilities, interests, and needs
2. to provide extracurricular activities commensurate with the students' interests and capabilities
3. to prepare the student to be a knowledgeable American by developing an awareness of their responsibilities as well as their rights in a democratic society
4. to offer practical application of the theories of representative government through student government
5. to foster social and civic responsibility through the development of cooperation with the home and community
6. to provide students an opportunity to improve their career and college preparedness
7. to develop in each student an attitude of respect for one's self and others

## MASTER SCHEDULE INFORMATION

Brookside High School operates on a semester master schedule. Each semester is comprised of two 9-week grading periods with academic credit awarded for successfully completed courses at the end of the 18-week semester. There are two semesters during the school year and seven class periods during the school day. A student must be enrolled in a course every class period.

### STUDENT COURSE LOAD

Students will attend 7 courses for the duration of 18 weeks in the first semester and then begin an entirely new 7 course schedule during the second semester. All semester courses, with the exception of physical education courses, have a Carnegie Unit of Academic Credit value of .5 credits. Physical education courses have a Carnegie Unit of Academic Credit value of .25 credits and are typically taken during the freshman year. As a result, students can earn up to 6.75 Carnegie Units of Academic Credit during their freshman year and 7 Carnegie Units of Academic Credit towards graduation during each of their sophomore, junior and senior school years. In four years, a student may earn up to 27.75 credits, easily meeting Ohio's graduation requirements and those of the Sheffield/Sheffield Lake City School District.

### PROMOTION

Promotion to the next highest grade level is determined by the number of Carnegie Units of Academic Credit earned by the student before the beginning of the new school year. Assignment to the respective grade level is made as follows.

For the Class of 2025

For the Class of 2024

For the Class of 2023

To the 10th grade – 5.5 credits

To the 11th grade – 11 credits

To the 12th grade – 17 credits

**BROOKSIDE HIGH SCHOOL GRADUATION REQUIREMENTS****CARNEGIE UNITS OF ACADEMIC CREDIT**

Graduation Requirements include all State of Ohio Requirements. A student may petition the principal for a review of his or her credentials to determine the grade level placement. All students need 23 Carnegie units to graduate. There is no limit on the number of credits a student can earn.

**COURSE REQUIREMENTS:** Classes of 2023, 2024, 2025 and 2026

The following courses are required for graduation:

Courses	Credits		Courses
	At BHS	Alternative	
Financial Literacy	0.5 starting for class of 2026		*Personal Finance or Economics (required for students not taking American Government A and B)
Language Arts	4	4	English 9 A & B, English 10 A & B, and English 11 A & B. (May substitute ENGL 161 and 162). 1 credit of English should be taken in the Senior year.
Mathematics	4	4	Of these requirements a student must earn 1 unit of credit each in Algebra, Geometry, Algebra 2 and a Mathematic elective.
Science	4	3	Of these requirements a student must earn 1 unit of credit each in a Biological Science, Physical Science, and 2 credits of advanced sciences
Social Studies	4	3	1 unit of credit in World History 1 unit of credit (.5 for the JVS) in American History A/B 1 credit American Government A/B (.5 for the JVS)
Health and Physical Education	1	1	Must include .5 unit of credit each of Health and Physical Education or PE waiver. (PE waiver is 2 full seasons of a sport or marching band)
Fine Arts	1	(1)	1 credit at Brookside or 2 semesters at the middle school level (no high school credit earned)
Electives	5	8	Credits from a combination of world language, fine arts, business, technology, career technical or additional classes from areas listed above

## STATE TESTING and DIPLOMA GRADUATION REQUIREMENTS

To earn a high school diploma in Ohio, you must complete the courses and requirements **and then** choose a pathway to show that you are ready for college or a job. Your school counselor will give you more details about your options.

**DEMONSTRATING COMPETENCY** - Students will demonstrate competency in the foundational areas of English language arts and mathematics or through alternative demonstrations, which include College Credit Plus, career-focused activities or military enlistment.

- Earn a passing score (684 or above) on the high school Algebra I and English II tests. Students who do not earn a passing score will be offered additional support and must retake the test at least once.
- If testing is not a strength, after taking the tests two times, there are three additional options to show competency:
  - Option #1: Demonstrate Two Career-Focused Activities (Typically used by our JVS Students):
    - Foundational:
      - Proficient scores on WebXams,
      - A 12-point industry credential,
      - A pre-apprenticeship or acceptance into an approved apprenticeship program
    - Supporting:
      - Work-based learning
      - Earn the required score on WorkKeys
      - Earn the OhioMeansJobs Readiness Seal
  - Option #2 Enlist in the Military
    - Show evidence that you have signed a contract to enter a branch of the U.S. armed services upon graduation.
  - Option 3# Complete College Course Work
    - Earn credit for one college-level math and/ or college-level English course through Ohio's College Credit Plus program

**DEMONSTRATING READINESS** - Students will demonstrate readiness for their post-high school paths by earning two seals that allow them to demonstrate important foundational and well-rounded academic and technical knowledge, professional skills, as well as develop key social and emotional competencies and leadership and reasoning skills.

Students must earn 2 diploma seals, only 1 can be a local seal.

### STATE-DEFINED DIPLOMA SEALS

**OhioMeansJobs Readiness Seal:** Meet the requirements and criteria established for the readiness seal, including demonstration of work-readiness and professional competencies.

**State Seal of Biliteracy:** Meet the requirements and criteria, including proficiency requirements on assessments in a world language and English.

**Industry-Recognized Credential Seal:** Earn an approved industry-recognized credential that is aligned to a job considered in demand in this state and its regions. (More information is forthcoming.)

**College-Ready Seal:** Earn remediation-free scores on the ACT or SAT.

**Military Enlistment Seal:** Provide evidence that a student has enlisted in a branch of the U.S. Armed Forces

**Citizenship Seal:** Earn a score of proficient or higher on both the American history and American government end-of-course exams OR

Earn a final course grade that is equivalent to a "B" or higher in appropriate classes taken through the College Credit Plus program OR

Earn a final course grade of "B" or higher in American History and Government

**Science Seal:** Earn a score of proficient or higher on the biology end-of-course exam OR

Earn a final course grade that is equivalent to a "B" or higher in an appropriate class taken through the College Credit Plus program OR

Earn a final course grade of "B" or higher in an advanced science course

**Honors Diploma Seal:** Complete requirements for one of the listed diplomas

- Academic Honor Diploma
- International Baccalaureate Honors Diploma
- Career-Tech Honors Diploma
- STEM Honors Diploma
- Arts Honors Diploma
- Social Science and Civic Engagement Honors Diploma

#### **LOCALLY DEFINED DIPLOMA SEALS**

##### ***Community Service Seal (locally defined)***

Obtain 50 hours, in addition to the current BHS Community Service requirement for graduation. These hours are to be independently obtained and not coordinated by the Sheffield-Sheffield Lake City Schools. An application is available for pre-approval of hours.

##### ***Fine and Performing Arts Seal***

A student must complete at least six semesters worth of credit in Band, Choir, or Fine Arts and earn a cumulative 2.5 GPA during those six semesters to earn this seal. Students may also apply through an outside activity to achieve this seal, but it must be pre-approved by the Brookside High School administration prior to participation. Examples of an outside activity are participation in the Cleveland Orchestra, Drama Club, an outside Drama group or some other group where participation could be verified. A student must have over 120 cumulative hours in the activity or club verified to meet the qualification. An application is available to submit for pre-approval.

##### ***Student Engagement Seal***

A student must participate in at least 4 units of activities affiliated with Brookside High School or sanctioned by the OHSAA. Units are defined as:

- 2 seasons of participation in athletics= one unit or
- participation in any club for one year= one unit.

## DIPLOMA OF DISTINCTION

A student volunteer can enrich one's own life by filling a broad range of community needs. Through sharing of one's self, a student can develop a sense of achievement and experience a feeling of accomplishment by volunteering within our communities. The student is responsible to find the community service projects. Forms to document the community service are available on the Brookside website. The completed forms must be returned to the School Counseling Office by the end of the 3<sup>rd</sup> quarter of the student's senior year. A student who completes 50 hours of pre-approved, documented community service and has a 2.60 or better cumulative GPA by the end of the 3<sup>rd</sup> quarter of the student's senior year would be eligible to receive the Diploma of Distinction upon graduation from high school. Community service hours for disciplinary reasons (school/court/etc.) would not be approved. Must complete paperwork found on the Brookside website. The only paperwork that will be accepted is found on the Brookside High School website.

## DIPLOMA WITH HONORS

A diploma with honors may be earned by completing all requirements for graduation and meeting specified state requirements. To qualify, the student is required to meet all but one of the criteria listed for either the college preparatory or the vocational education curriculum. Credits described are in terms of Carnegie Units of Academic Credit. Depending on whether a student is completing a college preparatory or career-technical education curriculum, honors diploma requirements differ slightly. The student must meet the requirements for the regular diploma plus criteria for honors listed below. See ODE website for more information.

The student who completes the **college preparatory curriculum** in high school must meet any seven of the following eight criteria:

1. four credits of English;
2. four credits of Mathematics that shall include 1 credit each of Algebra I, Algebra II, and Geometry and another credit in a higher level Math course;
3. four credits of Science, including 2 years of advanced science.
4. four credits of Social Studies
5. either three credits of one World Language or two credits each of two World Languages;
6. one credit of Fine Arts;
7. maintain an overall high school cumulative grade point average of at least 3.5 on a four-point scale at the end of the first semester of the senior year;
8. obtain a composite score of 27 on the American College Testing (ACT) tests or an equivalent composite score of 1280 on the Scholastic Achievement Test (SAT)

The student who completes an **intensive vocational or technical education curriculum** in the high school must meet any seven of the following eight criteria:

1. four credits of English;
2. four credits of Mathematics that shall include 1 credit each of Algebra I, Algebra II, and Geometry and another credit in a higher level Math course;
3. four credits of Science include two units of advanced sciences
4. four credits of Social Studies
5. two units of one world Language
6. four credits of Career-Technical minimum. The program must lead to an industry recognized credential, apprenticeship, or be part of an articulated career pathway which can lead to post-secondary credit;
7. maintain an overall high school grade point average of at least a 3.5 on a 4.0 point scale up to the last grading period of the senior year;
8. 27 ACT/1280 SAT/WorkKeys (6 Reading for Information & 6 Applied Mathematic)



## **CREDIT FLEXIBILITY**

Credit Flexibility is any alternative coursework, assessment or performance that demonstrates proficiency needed to be awarded equivalent graduation credit as approved by the school district. Approved credit awarded through this policy will be posted on the student's transcript and counted as required graduation credit in the related subject area or as an elective. All credits earned must be pre-approved.

Any student and/or parent may apply for credit to be awarded through Credit Flexibility. The student and/or parent will submit an application on the district Credit Flexibility Application form. All required information must be provided. The student and/or parent may be required to provide supporting documentation as determined by the School Counselor, Principal or Designee of the Principal.

Applications are due on the first of June and the first of December.

## **EARLY COMPLETION OF GRADUATION REQUIREMENTS**

A student must be enrolled and in regular attendance every day for three years at Brookside High School in order to qualify for early graduation. Attendance at chartered schools other than Brookside can be included in the three-year requirement. All exceptions to this policy must be covered by other official program requirements, and be approved in advance by the principal. An early graduation (early completion of graduation requirements) procedure is available to the students at Brookside High School. Students must make this request before the **end of their junior school year**. Students are to:

1. contact the school counselor
2. complete and submit the graduation application forms by the previously described deadline
3. meet competency and readiness requirements as outlined in the state graduation pathways
4. receive final approval by the building principal.

## GENERAL INFORMATION

### COURSE LOAD MODIFICATION

In order to maintain an educational atmosphere in the classes, and to support individual course stability, students should not change the selection of their classes once the school year has started. On a very limited basis, and with due consideration for the best interest of all concerned, some student course selections may be modified. In this event we will only make such modifications within the **first week of the new semester**. All student course modifications are subject to principal approval. The process of course modification must begin with a conference between the student and the school counselor.

### STUDENT RELOCATION

In some special circumstances, students experiencing personal or academic difficulty in a specific course after the stated deadline (1<sup>st</sup> five days of the semester) for modifying their course selection may petition (through the school counselor) to be relocated to another school supervised activity. If approved, the student will receive a *failing grade* for the course he/she is being relocated from. Relocation will be granted only in special circumstances and will be subject to principal's approval.

### RECOMMENDATIONS

Students will be scheduled for classes, or class levels to which they are recommended. A parent/teacher communication may be required to deviate from the recommendation. Teacher recommendations are not made in all academic areas.

### INCOMPLETE GRADES

Students will be given the grade of "I" (Incomplete) when work is not completed because of a hospital stay, school approved homebound tutoring, or other extenuating circumstances as deemed acceptable by the high school administration. Upon completion of work, the grade will be changed to the appropriate letter grade. If work is not completed, the incomplete grade will become an "F." Students not meeting these criteria who do not complete course requirements by the end of the given grading period will receive a letter grade of "F."

### COURSE AUDIT

A course audit is defined as being the process by which a student participates in all phases of a given course, but does not receive an official grade or course credit. The request for the audit must be initiated through the classroom teacher. Auditing of a course will have very limited application. Courses taken under the auditing plan are not applicable for the course load regulation. The approval of the auditing process is subject to the approval of the principal. Audited courses will not count toward athletic eligibility. Students will receive a "pass" or "fail" grade and no Carnegie unit academic credit for the audited course.

### SEMESTER FINAL COURSE GRADE POLICY

Final grades will be determined by the final cumulative percentage earned in the two nine weeks and the final exam. Each nine-week percentage grade will be worth 40%, while the final exam percentage will be worth 20% of the final grade. Student must not show flagrant decline or fail to take the final exam.

Flagrant decline involves the student simply shutting down and failing to do his or her work at or near the end of the semester. For flagrant decline or failure to take the final exam, the student will fail the course and receive no credit.

## **INSPECTION OF STUDENT EDUCATION RECORDS**

Parents or eligible students may inspect and review education records to which they are entitled to have access upon request. In some circumstances, it may be mutually more convenient for the record custodian to provide copies of records.

Since a student's records may be maintained in several locations, the school principal will offer to collect copies of records or the records themselves from locations other than a student's school, so that they may be inspected at one site; however, if parents and eligible students wish to inspect records where they are maintained, the school principal will accommodate their wishes.

Parents or eligible students should submit to the student's school principal a written request, which identifies as precisely as possible the record, or records which he wishes to inspect.

The principal (or other administrator/counselor) will contact the parent or the eligible student to discuss how access will be best arranged (copies, at the exact location or records brought to a single site).

The principal (or other administrator/counselor) will make the needed arrangements as promptly as possible and notify the parent or eligible student of the time and place where records may be inspected. This procedure must be completed within 45 days or earlier after the receipt of the request for access.

If for any valid reason such as working hours, distance between record location sites or health, a parent or eligible student cannot personally inspect and review a student's education records, the District will arrange for the parent or eligible student to obtain copies of the records. When records contain information about students other than a parent's child or the eligible student, the parent or eligible student may not inspect and review the records of the other students

## **RELEASE OF STUDENT INFORMATION**

The Armed Forces, colleges, and prospective employers occasionally request name lists, which include addresses and telephone numbers of students. This information will be provided to these authorized groups upon their request. Students or parents not wishing to have this information released are to make this request known, in writing, to their school counselor.

## **CAREER EDUCATION and STUDENT SUCCESS PLANS**

Now more than ever, students need to see a connection between what they are learning in the classroom and their future careers. Experts generally describe career advising as an integrated process that helps students understand how their personal interests, strengths and values might predict satisfaction and success in school and related career fields, as well as how to tie these interests and strengths to their academic and career goals. Ohio students must have access to a comprehensive menu of resources and support to prepare for their future success. Through relevant classroom instruction, career-related learning experiences, and consistent counseling and advising, students can discover their interests and explore academic and career pathway options.

At Brookside High school, students will have the opportunity to create a Student Success Plan using the Naviance program. Students will develop a 5-year plan, explore career interests and post-secondary options. Naviance is a comprehensive college and career readiness program for middle and high schools that helps align student strengths and interests to post-secondary goals and improve student outcomes. Students, parents, teachers, and school counselors will have access to students' information and will work with students throughout high school on career planning. Students throughout Ohio have access to an online career planning tool to document activities and experiences - [www.ohiomeansjobs.com](http://www.ohiomeansjobs.com). This interactive website has an assessment and training center, online practice tests and test prep resources, Career Cluster Inventory, Career Interest Survey, and a Career Profile.

## COLLEGE CREDIT PLUS

The College Credit Plus Program in Ohio permits qualified high school students, seventh through twelfth grade, to earn college and high school credit through the successful completion of college courses. All courses offered through College Credit Plus—even courses offered in the high school—must be the same course that the college offers.

All College Credit Plus courses must apply to a degree or professional certificate. To be eligible, students must meet the admission standards of the participating college or university to which they apply for enrollment. There is no cost for the student to participate in College Credit Plus when the student is enrolled in a public college or university. The high school and college or university share the cost for the course. Students choosing to enroll in a participating private college or university might incur some costs.

We ask that parents or guardians of NEW CCP students attend an informational meeting held sometime in December through February of the preceding college school year. All parents/guardians must participate in a counseling session **before** a student can participate in the CCP program. The informational meeting counts as the counseling session.

STATE LAW REQUIRES ALL STUDENTS TURN IN A LETTER OF INTENT FORM BY APRIL 1st TO PARTICIPATE IN CCP THE NEXT SCHOOL YEAR.

- THIS IS DONE EVERY YEAR.
- NO LATE FORMS CAN BE ACCEPTED.

To qualify for admission, students must complete a LCCC application.

To qualify for placement, the student must be college ready as demonstrated on the college/universities accepted entrance exam. Lorain County Community College accepts the Accuplacer/ALEX tests or ACT/SAT scores. Every year accepted students are also responsible for completing the Course Authorization form with their high school counselor **before** they can enroll in any college courses.

Students who withdraw or earn an “F” in any College Credit Plus Course (held either at the college, online, or at Brookside High School) will be charged the cost of the course charged to the school district. Students will pay Brookside High School for cost of withdrawn or failed course.

### Guidelines

#### 1. Program Eligibility

- Seventh through twelfth grade students may participate.
- All requirements for the college or university must be met.
- LCCC requires Accuplacer/ALEX tests or ACT/SAT test scores to be college ready.

#### UNDERPERFORMING STUDENTS

- GPA drops below a 2.0 or student withdraws from 2 or more courses in a semester results in Academic Probation (may only enroll in one CCP course and may not be in a subject where a student received D or F)
- CCP Dismissal (may NOT enroll in any courses) if student fails to increase GPA above a 2.0 within semester of being placed on Academic probation
  - Student can appeal dismissal after one college term is missed
  - Students may submit an appeal to Brookside Middle or High School Administration
  - Reinstatement is NOT guaranteed
  - Must demonstrate academic proficiency in the subject area at the middle or high school
  - May require a teacher letter of recommendation
  - Extenuating circumstances will be considered
- ALL CCP STUDENTS ARE SUBJECT TO THE COLLEGE or UNIVERESITY’S POLICIES AND PROCEDURES ON ACADEMIC PROBATION OR DISMISSAL

2. Academic Credits
  - College Credit Plus classes are weighted for A's or B's (same as Honors Brookside classes).
  - Averaged in high school GPA.
  - All GRADUATION requirements must be met.
  - Can take courses at LCCC, online or BHS to receive both high school and college credit
3. Financial Arrangements
  - Tuition and books covered by the school district.
    - Books **MUST** be returned to LCCC or the high school by the official deadline or students will be charged for the textbook
  - Student will be charged the cost of the course if he/she **WITHDRAWS** from the course.
  - Student will be charged the cost of the course if he/she **FAILS** the course for any reason.
  - This is for all courses taken either at LCCC, online or at BHS.
  - Payment for failed/withdrawn courses is made to Brookside High School.
4. Transportation
  - Student must make arrangements for their own transportation to LCCC if necessary.
5. Academic Support Services
  - Work with School Counselor
  - Work with LCCC Advisor
  - LCCC's Accessibility Services is available to empower students by providing accommodations and assistance to students with disabilities (IEP,504 etc.).
6. Scheduling
  - Must take the Accuplacer/ALEKS test at LCCC or take the SAT/ACT to determine placement
  - BHS school counselor will work with the student on an individual basis to meet all graduation requirements.
  - Students must complete Course Authorization Form with their Brookside counselor.
  - BHS will work around college schedules whenever possible. (*Students may not leave early or come in late to a BHS class*)
  - Transfer Module Courses Recommended. Level I or Level II – depending on the number of credit hours a student has already completed
  - **MUST** schedule and meet with an LCCC advisor for placement in a course
  - Dropping a course can be a problem with BHS schedule/credits. (*A BHS course may be added at that time and the student will be responsible for missed work*)
  - All students taking college credit plus classes must take **the equivalent of 12 credit hours.**
  - Students who have an unscheduled class period at BHS because of their CCP schedule are expected to leave the building during that time unless:
    - they have made arrangements with a staff member to work in an office or classroom
    - or they choose to use their unscheduled class time to work in the BHS Library Media Center on course work.
    - CCP students may not stay in the building to socialize, roam the halls, disturb other students, etc.
    - Students who are not in their assigned area or who are not working on coursework will be asked to leave the building

7. Consequences and Benefits of participation in the CCP program:
  - Consequences:
    - failing or not completing a course may impact graduation
    - reimbursing the high school for failed or withdrawn courses
    - failing a course will impact GPA
    - failing or withdrawing from a course may impact future financial aid
    - the grades that a student earns are on the student's college transcript permanently
    - can be put on academic probation or dismissed
  - Benefits:
    - can experience college early to understand the expectations of college life
    - reduced educational costs/save tuition and textbook costs
    - reduced amount of time to earn a college education
    - can explore interests not available at the high school
8. Responsibilities
  - Students are responsible for seeking help at the college level.
  - Students may still participate in high school activities.
  - Parent serves as a mentor and support for the student; the college views the student as independent decision-maker. FERPA protection for the student.
  - Parents and Students should connect with other colleges to examine curriculum requirements.
  - Transfer Information resources: [www.transferology.com](http://www.transferology.com) or <https://transfercredit.ohio.gov>
9. Counseling/Support Services at LCCC
  - The Lorain County Crisis Hotline, 24 hours/7 days a week: 800-888-6161
  - The National Suicide Hotline, 24 hours/7 days a week: 800-273-8255
  - The National Crisis Text Line is always available: #741-741
  - Lorain County Community College Campus Security: 440-366-4053
  - On-call crisis counselor during business hours through LCCC Counseling Services: 440-366-4033
10. Handbook and More Information:
  - An informational packet/handbook is available for all parents and students in the school counseling office and on the school's webpage
  - LCCC Information: [www.lorainccc.edu/ccp/](http://www.lorainccc.edu/ccp/)
  - Additional resources: [www.ohiohighered.org/ccp](http://www.ohiohighered.org/ccp)

## **COLLEGE CREDIT PLUS ENROLLMENT PROCESS**

The following steps must be completed:

- New Students: Parents attend a College Credit Plus informational meeting/counseling session
- All Students MUST turn in an Intent to Participate form.
  - Forms can be picked up in the Main Office, at the CCP meeting or online from the school's website
  - This form must be completed EVERY YEAR by APRIL 1.
  - Late forms are not accepted
- New Students: Apply for Admission. Complete and turn in your LCCC College Credit Plus APPLICATION to Mrs. McNichols, CCP program coordinator.

- Contact Accessibility Services if you have a disability and require assistance or accommodations
  - Will need a copy of your IEP or 504.
  - Call: 440-366-4058 or email [accessibility@lorainccc.edu](mailto:accessibility@lorainccc.edu)
  - Complete forms [www.lorainccc.edu/accessibility-services/ccp/](http://www.lorainccc.edu/accessibility-services/ccp/)
    - Verification of disability
    - Intake
    - Consent
  
- New Students: After you receive your Acceptance Letter from LCCC:
  - Create your MyCampus Account (your student number will be in the letter)
  - Activate your LCCC email account
  - Complete a LCCC New Student Orientation
    - BHS will host ONE orientation: Listen for an announcement in May OR schedule the orientation through LCCC: Admissions and Enrollment/New Student Orientation
    - Complete the College Student Inventory (CSI)
  - Take the Accuplacer Assessment test and ALEKS test for Math
    - College Ready ACT Scores: 18 E, 22 M, 22 R
    - College Ready SAT Scores: 480 EBRW 530 M
  - You can obtain a LCCC Student Identification Card (ID) at the Bass Library. Bring your course schedule.
  
- ALL STUDENTS: Meet with your Brookside Counselor to complete the COURSE AUTHORIZATION FORM for courses taken on the LCCC campus or online through LCCC.
  - CCP classes taught at Brookside will be handled through the counseling office at BHS.
  
- After meeting with your BMS or BHS counselor
  - Schedule an appointment through MyCampus with your LCCC advisor OR.....
  - High School students ONLY: Schedule an appointment through counseling office to see an LCCC advisor at Brookside - limited days and spaces available
  - Order your books on-line and pick them up at the bookstore for LCCC on campus and on-line courses only.
  - Log into Canvas for you course information (syllabus, grades, lectures, professor information)
    - Use your MyCampus credentials to log in
  
- ALL STUDENTS: TURN IN A COPY OF YOUR LCCC SCHEDULE to your school counselor

**Brookside High School  
15/30 credit hour Pathway Associates Degree**

**Students can select from the list of courses. Courses should be taken in the year listed.**

**9<sup>th</sup> Grade**

<b>HS Credit</b>	<b>HS Course</b>	<b>LCCC Course</b>	<b>Staff</b>	<b>College Credit</b>
1	English 9			
1	Algebra 1 and Geometry			
1	Science			
1	World Language			
1	Modern World History			
.5 .25	Health Physical Education			
1	Elective	SDEV 102: Strategies for College Success CISS 121: Microcomputer Applications	Tandi Fritz Kevin Landis	3 3
<b>6.75</b>				<b>6</b>

**10<sup>th</sup> Grade**

<b>HS Credit</b>	<b>HS Course</b>	<b>LCCC Course</b>	<b>Staff</b>	<b>College Credit</b>
1	English 10			
1	Geometry or Algebra 2			
1	Science	BIOG 151: General Biology BIOG 152: Human Biology	Christine Whyde	4 4
1	Social Studies	HSTR 161: United States I HSTR 162: United States II	Bryan Evans	3 3
1	World Language			
1	Elective	CGSD 120: Intro Comp Games and Sim Design	Kevin Landis	3
1	Elective			
<b>7</b>				<b>17</b>



11<sup>th</sup> Grade

HS Credit	HS Course	LCCC Course	AP Component or on-line or at the college	Staff	College Credit
1	English 11	ENGL 161: College Composition I ENGL 162: College Composition II		Val Rion	3 3
1	Mathematics				
1	AP Chemistry 4 or 5 Score a 3 or 4	CHMY 171: General Chemistry I CHMY 161: Gen; Org/Biochemistry	AP Chemistry	Mike Rowbotham	5 (4)
1	Government	PLSC 156: American National Govt.		Bryan Evans	3
1	World Language				
2	Elective				
<b>7</b>					<b>14</b>

12<sup>th</sup> Grade

HS Credit	HS Course	LCCC Course	AP Component or on-line or at the college	Staff	College Credit
1	English 4	ENGL 255: Introduction to Fiction		Val Rion	3
1	Math 4				
1	AP Calculus (Score 3,4,5)	MTHM 181 Calculus I	AP Calculus	Tom Fries	5
1	Science AP Physics (Score 3,4,5)	PHYC150 General Physics	AP Physics	Mike Rowbotham	5
1	Social Studies	PSYH 151: Introduction to Psychology SOCY 151: Introduction to Sociology	On-line	On-line	3
1	World Language	SPNH 251: Intermediate Spanish I SPNH 252: Intermediate Spanish II		Julie Kinneer	3 3
.5	Personal Finance	ECNM 113: Personal Finance	On-line	On-line	3
1	Elective	ARTS 243 Art History I ARTS 442 Art History II		Kelsen Barber	3 3
.5	Elective	HUMS 151 Introduction to Humanities PHLY 151 Introduction to Philosophy PHLY 161 Introduction to Ethics	On-line		3
<b>7</b>					<b>29</b>

ALL STUDENTS should meet with their Lorain County Community College Advisor to determine the requirements needed for an Associate's Degree. Brookside High School Counselors do not make this determination. All students should also consult with the college or university that they might transfer to in order to confirm which courses will transfer for a specific degrees/program.

## **CCP COURSES OFFERED AT BROOKSIDE**

### **ARTS 243 Art History 1:**

The chronological development of Western Art and Architecture. Topics include: Prehistoric Art, Egyptian Art, Greek and Roman Art, and Medieval Art. Humanities Core Course.

**Prerequisite:** Previous or Concurrent ENGL 161

### **ARTS 244 Art History 2:**

The chronological development of Western Art and Architecture. Topics include: Prehistoric Art, Egyptian Art, Greek and Roman Art, and Medieval Art. Humanities Core Course.

**Prerequisite:** Previous or Concurrent ENGL 161

### **BIOG 151 General Biology:**

An introductory biology course designed for non-science majors. Topics include basic chemistry and cell biology, evolution, genetics, ecology and a survey of the kingdoms. Laboratory required. (A special fee will be assessed.) Natural Science Core Course.

### **BIOG 152 Human Biology**

An introductory course intended for the non-science major covering basic anatomy and physiology of the human body. Laboratory with dissection of preserved specimens required. (A special fee will be assessed.) Natural Science Core Course. Recommend prior completion of high school biology or BIOG 151.

### **CISS 121 MICROCOMPUTER Applications 1:**

Introduction to microcomputer applications. Survey of application packages including Windows, word processing, spreadsheets, Internet, presentation, and graphics. Includes hardware concepts and basic computer terminology and email. Guidelines for selecting and evaluating hardware and software. Laboratory required.

### **CISS 125, OPERATING SYSTEM INTERFACES:**

Theory of single user, multitasking, and multi-user operating systems. The user interface will be examined as well as the operating system commands, command syntax, parameters, and operating systems troubleshooting. Topics on OS layering, hardware, disk storage, file management utilities, directory management utilities, backup, recovery, and editors. UNIX and Windows will be installed and used in the labs. Laboratory required.

### **CGSD 120 Into to Computer Games and Simulations:**

This is a basic course for students interested in designing, programming and developing computer games and simulations. Topics will include basic game/simulation design, programming and development, as well as the role of the game/simulation designer, programmer and developer. Students will be introduced to programming using a Game Engine. The students will use provided or leverage their own created assets and create a small introductory game or games using existing Game Engine software. Laboratory required.

### **ENGL 161 College Composition 1:**

An introduction to fundamental college-level skills in academic reading and writing. Summary, analysis, synthesis, and research.

**ENGL 162 College Composition 2:**

A writing course continuing the practice of skills introduced in ENGL 161, as well as strategies of argumentation and secondary research leading to a research paper. English Core Course.

**Prerequisite:** ENGL 161

**ENGL 255 Intro to Fiction:**

Study of short stories and novels to acquaint the general student with important themes and critical perspectives applicable to fiction. Humanities Core Course.

**Prerequisite:** ENGL 161

**HSTR 161 United States 1:**

A study of the origin and growth of American civilization from the discovery of the Western Hemisphere to the end of the Reconstruction. Social Sciences Core Courses

**HSTR 162 United States 2:**

A political, economic, diplomatic, social, cultural, and intellectual survey of the United States from the end of Reconstruction to the present. Social Science Core Course.

**SDEV 102 Strategies for Creating College Success:**

An introductory interactive course designed to introduce valuable resources and to teach strategies for creating success in college and in life and improving academic performance. Topics include personal responsibility; motivation, personal, academic and career; goal setting; learning styles; study skills; decision-making; problem solving; and priority management. This course may be used to fulfill the College 101 requirement.

**SPNH 251 Intermediate Spanish 1:**

Review of the fundamental structures and introduction of more complex grammatical structures and communicative skills with a balanced emphasis on speaking, listening, reading and writing. Exploration of the civilization, culture, and customs of Spanish-speaking people. Laboratory practice using various technologies.

**SPNH 252 Intermediate Spanish 2:**

Continuation of Intermediate Spanish I. Class discussions conducted in Spanish. Further refinement of the four language skills: comprehension, speaking, reading and writing. Introduction to a variety of topics related to Hispanic culture. Recommended for students planning to enroll in Language and Culture of Spain, and Language and Culture of Latin America. Individualized practice on cassette tapes.

## TEACHER EDUCATION EXPLORATION PROGRAM

The Teacher Education Exploration Program (TEE) encourages and prepares high school seniors with an interest in the field of education to become future teachers, counselors, or administrators. By utilizing cooperating teachers, maintaining a support and supervision network, and implementing the most current and effective course curricula, the TEE Program seeks to prepare its high school seniors with requisite skills, methods and strategies which have proven effective with every grade level and subject area. The TEE Program is committed to training its high school seniors to be valued, knowledgeable, and responsible education professionals.

The TEE Program is only offered to high school seniors taking college preparatory classes. In order to get into the program, these seniors must go through a rigorous and highly competitive application process. This application process emphasizes many things including each student's past and current academic performance, school attendance, abilities to demonstrate positive behaviors, enthusiasm toward children, and passion for making a difference in the lives of young people.

Twice a week the students enrolled in the TEE Program meet with the TEE instructors for three class periods at the Lorain County Community College. During this time, students will gather information, concepts, and theories related to teaching, learning, and children. The other three days of the week, the students work with a cooperating teacher in one of their home district's schools. During this internship experience, the high school seniors will observe experienced and enthusiastic teachers, gain insights into their profession and educational experiences, apply the information, concepts, and theories gathered from the TEE Program instructors, and help the cooperating classroom teachers in any other meaningful and useful ways.

The goals of the TEE Program are as follows:

- ensure college readiness and exposure to college
- provide education related to teaching and learning
- offer internship experience under the guidance of skilled teachers
- promote positive attitudes toward teaching
- provide a way for these students to earn 3 vocational credits and/or 3 college credits.

## LORAIN COUNTY JVS

The Lorain County JVS presently offers a diverse vocational program to students from Brookside High School. Most programs are two years in length, and the students attend the JVS for their Junior and Senior years. The student will receive a Brookside High School diploma upon successful completion of the two years at the Lorain County JVS and completion of all graduation requirements. Opportunities available to familiarize students with the JVS are tours, video presentations and guest speakers.

Application to attend the JVS is made in the 2<sup>nd</sup> semester of the 10<sup>th</sup> grade year. Students considering the JVS should begin planning in the 9<sup>th</sup> grade and should contact a School Counselor for further information. Applications are processed on-line at [www.lcjvs.com](http://www.lcjvs.com). Students applying after completing more than 4 semesters of high school must get permission from school administration prior to applying to JVS.

To avoid a Carnegie Unit of Academic Credit deficiency, the student should have completed the following in the 9<sup>th</sup> and 10<sup>th</sup> grades: 2 credits of English; 2 credits of Science; 2 credits of Math; 2 credits of Social Studies and 1 credit of Health and Physical Education. In addition, a student should have at least 12 credits. A student may, however, enter the JVS with some course/credit deficiencies. Students having deficiencies in credits that cannot be made up in school are responsible for obtaining these credits on their own. Summer school, on-line credit recovery courses and optional courses available at the JVS are alternate ways of making up credit deficiencies.

Any change in graduation course/credit requirements would reflect changes in either JVS or Sheffield/Sheffield Lake City Schools policies or State of Ohio requirements. Enrollment in the JVS may be limited and selection is based on grade point average (GPA) and attendance. Information about recommended courses for specific vocational areas is available from the school counselors.

To view Career Offerings and Program Descriptions at the Lorain County JVS please schedule an appointment with your school counselor or go to the JVS website at [www.lcjvs.com](http://www.lcjvs.com)

### **COLLEGE TECH PREP:**

College Tech Prep is a unique educational option for the last two years of high school. It is designed for students who plan to go to college - but who want to actually experience a particular career before investing in college.

The program combines traditional, college-preparatory academics with intense, lab-based instruction in the career of choice. Because of the need for specialized lab facilities, ½ of the day is normally spent at the associate school for academics. The other ½ day is spent at the Lorain County JVS or LCCC

Learning in these programs is hands-on and challenging, with the opportunity to earn articulated college credit for work completed at the high school level. Students best suited are those who are active, experiential learners; who like building, designing, and “tinkering”, and who learn best by applying their knowledge to real-life situations.

Enrollment in College Tech Prep programs is competitive, and students applying are recommended to have:

- a solid GPA (approximately 2.5 or above)
- completion of at least Algebra I with a grade of “C” or better
- Junior standing at the end of 10<sup>th</sup> grade
- Completion of Biology with a “B” or better (AHS & SHFT recommended)

College Tech Prep Program Options:

**Allied Health Sciences (AHS):** Prepares students for a wide range of health careers through development of basic medical knowledge and essential clinical skills. Courses include medical terminology, first aid/CPR, pathology, patient care, body structure/function, etc.

**Digital Media Arts (DMA):** Prepares students for careers in video/film production, 2-dimensional and 3-dimensional animation, photography, and print media. They will also learn and apply the foundations of color theory, design and conceptualization.

**Cybersecurity and Networking (CNT):** Cyber security is the practice of protecting systems, networks, and programs from digital attacks. Special emphasis is placed on computer hardware, operating systems, network devices, wireless networks and network applications. It also includes protocols and how to implement security measures at every level.

**Project Lead the Way (PLTW - Engineering):** Learn the basics of mechanical engineering including robotics, computerized manufacturing techniques, fluid power and motor controls. College credits earned in this program are recognized nationally at a number of colleges. These classes are 1/2 day (3 credits) in lab at LCCC, taught by a JVS instructor.

**Sports, Health and Fitness Technology (SHFT):** is a two-year program for students interested in pursuing careers in the Fitness, Sports Medicine, and Therapy industries. The technical focus of the program is on anatomy, exercise physiology, strength and conditioning, nutrition, medical terminology, sports medicine and therapy techniques.

## ATHLETICS/EXTRA-CURRICULAR/CO-CURRICULAR ACTIVITIES ELIGIBILITY POLICIES

A student must meet all of the following academic requirements to participate in interscholastic sports or other school sponsored interscholastic co-curricular and extra-curricular activities: (1) maintain a minimum gpa. of 1.5 for the immediately preceding nine weeks; and (2) have been in school and received credit during the immediately preceding 9 weeks in subjects which count as 5 Carnegie Units of Academic Credit per year toward graduation. Caution: (1) an incomplete grade will be treated as an "F" until the work has been successfully completed; (2) Carnegie Units of Academic Credit earned from summer school or correspondence work does not count towards eligibility; (3) on the semester master schedule, eligibility will be calculated four times per school year and the credit value for each course passed multiplied by a factor of 2 to determine total credits earned.

OHSAA can rule a senior student athlete academically eligible who does not meet the five-credit-requirement provided the student is in the upper 10% of the class and the senior student has already met graduation requirements. The OHSAA can rule a high school student athlete academically eligible if, for the preceding 9 weeks, there is medical documentation presented as to why the student could not attend school and meet the five-credit-requirement. (This is only for the high school level since the five-credit- requirement is not applicable to the middle school). It is the student and parent's sole responsibility to ensure that the student's course load is sufficient for athletic/extracurricular activity eligibility. Students that transfer into our District need to complete a bonafide affidavit of residence in order to not be penalized (sit out ½ a season).

## NOTES TO COLLEGE BOUND STUDENTS

Colleges vary in their entrance requirements. Because there are various "types" of colleges (i.e. private, state, community, junior) it is difficult to set a specific curriculum. The area of subject interest also helps determine the proper requirements. Most state colleges impose stricter standards for unconditional admissions. All or part of these "core curriculum" recommendations have been adopted by state universities for unconditional acceptance and are calculated on Carnegie Units of Academic Credit earned:

- a. 4 credits of English;
- b. 2 or more credits of the same World Language; (some colleges are emphasizing 3/4 credits)
- c. 4 or more credits of a "college preparatory" Math; (some college want math in the senior year)
- d. 4 or more credits of Science (including two lab sciences);
- e. 4 credits of Social Studies; and
- f. 1 credit of Fine Arts in high school

## RECOGNITION OF ACADEMIC EXCELLENCE

Beginning with the Class of 2023, Brookside High School will no longer recognize a Valedictorian or Salutatorian. Instead, Brookside High School will recognize academic excellence as follows:

- **Summa Cum Laude:** Any student having earned an accumulative GPA of 4.0 or higher by the conclusion of the 7<sup>th</sup> semester will be distinguished as a *Summa Cum Laude* graduate (with highest honors).
- **Magna Cum Laude:** Any student having earned an accumulative GPA of 3.75 to 3.999 by the conclusion of the 7<sup>th</sup> semester will be distinguished as a *Magna Cum Laude* graduate (with high honors)
- **Cum Laude:** Any student having earned an accumulative GPA of 3.5 to 3.749 by the conclusion of 7 semesters will be distinguished as a *Cum Laude* graduate (with honors).

**COURSE FEES**

The 2021-2022 school-year course fees are listed below. The amounts may change by the start of the school year due to changes in vendor pricing. **FEES SUBJECT TO CHANGE**

Course	Fee 2021-22	Department
Art I Drawing Fundamentals	\$20.00	Art
Art II Color Fundamentals	\$20.00	Art
Art II Media Exploration	\$20.00	Art
Art III Art in Context	\$20.00	Art
Art III Contemporary Art Issues	\$20.00	Art
Art IV Advanced Art	\$20.00	Art
Art IV Portfolio Preparation	\$20.00	Art
Principles of Food	\$30.00	Family Consumer Science
Global Foods	\$30.00	Family Consumer Science
RATS (Food Science)	\$30.00	Family Consumer Science
Culinary Fundamentals	\$30.00	Family Consumer Science
Textiles and Interior Design	\$10.00	Family Consumer Science
Interior Design Furnishings and Manag.	\$10.00	Family Consumer Science
Textile Design, Construction and Maint.	\$10.00	Family Consumer Science
Honors English 11A	\$13.00	Language Arts
Honors English 11B	\$25.50	Language Arts
English 10 A	\$29.00	Language Arts
English 10 B	\$17.00	Language Arts
English 9 A	\$14.00	Language Arts
English 9 B	\$19.50	Language Arts
Honors English 10 A	\$35.50	Language Arts
Honors English 10 B	\$17.00	Language Arts
Honors English 9 A	\$14.00	Language Arts
Honors English 9 B	\$29.00	Language Arts
English 11A	\$13.00	Language Arts
English 11B	\$25.50	Language Arts
Personal Finance	\$5.75	Business
AP Computer Science Principles	Exam Cost	Comp Science/Technology
French A (I-IV)	\$15.00	World Languages
French A V	\$18.00	World Languages
Spanish I A	\$13.00	World Languages
Spanish II A	\$21.00	World Languages
Spanish III A	\$21.00	World Languages
Spanish IV A	\$21.00	World Languages
Marching Band	Various Costs	Music
Marching Band Participation	\$100.00	Music
Concert Band	\$10.00	Music
Choir A	\$15.00	Music
Choir B	\$15.00	Music
Chorale A	\$15.00	Music
Chorale B	\$15.00	Music
Advanced Physical Education	Various Costs	Physical Education

Course	Fee 2020-2021	Department
Biology A	\$10.00	Science
Biology B	\$10.00	Science
Botany	\$8.00	Science
(Reg & Adv.) Chemistry A	\$10.00	Science
(Reg & Adv.) Chemistry B	\$10.00	Science
AP Chemistry	\$25 + Exam Cost	Science
Environmental Issues	\$12.00	Science
Forensic	\$10.00	Science
Physical Science A	\$8.00	Science
Physical Science B	\$8.00	Science
Physics A	\$12.00	Science
AP Physics	\$12 + Exam Cost	Science
Contemporary World Issues	\$6.00	Social Studies
American Government A	\$12.00	Social Studies
American History A	\$12.00	Social Studies
Technology Fee (Transeo and Naviance)	\$6.00	Student Fee
Parking Pass	\$30.00	Student Fee
Student Planner	\$3.75	Student Fee
PSAT 10 Test	\$17.00	Testing Fee
PAST Test	\$17.00	Testing Fee
PSAT 8/9 Test	\$13.00	Testing Fee
Credit Recovery fee (per semester)	\$45.00	Student Fee



**COURSE GUIDE BY GRADE****Grade 9**

## REQUIRED SUBJECTS AND CARNEGIE UNITS OF ACADEMIC CREDIT

1 credit of Social Studies – Assigned to proper class by teacher recommendation	Modern World History A&B Honors Modern World History A&B
1 credit of Language Arts - Assigned to proper class by teacher recommendation	English 9 A&B Honors English 9 A&B
1 credit of Algebra I or 1 credit Geometry (assigned to proper class by teacher recommendation)	Algebra I A&B Geometry A&B or Honors Geometry A&B
1 credit of Science	Biology A&B Honors Physical Science A&B
.5 credits of Health	Health
.25 credits of Physical Education	Individual Games

## ELECTIVE SUBJECTS

Refer to the Course Description section of this guide for course sequencing, prerequisites, and overall course availability for selection as electives.

## NOTES -

Social Studies course placement is based on teacher recommendations.

Language Arts course placement is based on teacher recommendations.

Mathematics course placement is based on teacher recommendations.

Music: Students choosing to take Choir and/or Band must do so for both semesters.

World Language: Three or four credits of a World Language are recommended for college.

Art: Successful completion of Art I is necessary before a student may take any other Art courses.

**GRADE 10**

**REQUIRED SUBJECTS AND CARNEGIE UNTIS OF ACADEMIC CREDIT**

1 credit of Social Studies	U.S. History A&B CCP HSTR 161&162
1 credit of Language Arts - Assigned by recommendation	English 10 A&B Honors English 10 A&B
1 credit Integrated Mathematics (assigned to proper class by teacher recommendation)	Geometry A&B or Honors Geometry A&B Algebra II A&B or Honors Algebra II A&B
1 credit of Science	Physical Science A&B Honors Biology A&B

**NOTES -**

1. Failed or nonscheduled required ninth grade classes must be scheduled.
2. Students who are considering attending the Vocational school:
  - a. make sure they have 2 credits each of Social Studies, English, Math and Science at the end of the tenth grade
  - b. make up any subjects required for graduation.
3. Three or four credits of a World Language are recommended for college.
4. Yearbook is not counted toward the Language Arts graduation requirements and is considered as a Language Arts elective.
5. Yearbook A & B are both required courses for enrollment within this program. Enrollment is by teacher recommendation only.

**GRADE 11**

**REQUIRED SUBJECTS AND CARNEGIE UNITS OF ACADEMIC CREDIT**

1 credit of Social Studies	American Government A&B CCP PLSC 156
1 credit of Language Arts - Assigned by recommendation	English 11 A & B CCP ENGL 161&162
1 credit of Mathematics – Assigned by recommendation	Algebra II, Honors Algebra II or 1 credit of advanced mathematics
1 credit of Science	2 elective Sciences

**ELECTIVE SUBJECTS**

Students may take elective courses listed at previous grade levels. Admission to certain ninth grade classes will be limited to students with special needs.

**GRADE 12**

**REQUIRED SUBJECTS AND CARNEGIE UNITS OF CREDITS**

1 credit of Social Studies	2 elective social studies
1 credit of Language Arts	2 elective Language Arts
1 credit of Mathematics	2 elective Mathematics
1 credit of Science	2 elective Sciences

## COURSE DESCRIPTIONS

### ART COURSES

**COMPUTER GENERATED ART** - This course is designed for students who are interested in expressing themselves visually and digitally. In this class students will learn about and be able to demonstrate the use of the basic elements and principles of design while becoming familiar with Adobe Creative Suites. Students will also participate in critiques in order to understand the importance of the elements and principles in a work of art. The majority of the grade will be determined from the completion of sketchbook assignments, art in the news assignments, class projects, and a final exam.

Credit Offered: One-Half Credit

Pre-Requisite: Freshman Standing (also available in 8<sup>th</sup> grade)

**ART I DRAWING FUNDAMENTALS** – The first in the series of art classes, Drawing Fundamentals is designed to introduce and develop the fundamental (essential) techniques of drawing. These techniques are the foundation of all successive art classes. The class includes mimetic drawing, linear perspective, contour and gesture drawing, value, and observational drawing techniques. Art related readings and student writings are also part of the class. Successful completion of this course will require students to demonstrate proficiency in the following Ohio Academic Content Standards: Historical, Cultural, Social Contexts 9-10 – (Benchmarks A, B, C, D.); Creative Expression and Communication 7-10 – (Benchmarks A, B, C.); Analyzing and Responding 7-10 – (Benchmarks A, B, C.); Valuing the Arts/Aesthetic Reflection 9-10 – (Benchmarks A, B, C.); Connections, Relationships, and Application 9-10 – (Benchmarks A, B, C).

CREDIT OFFERED: One-half credit

PRE-REQUISITE: An interest in Art - freshman standing

**ART II COLOR FUNDAMENTALS** – Color Fundamentals introduces the fundamental (essential) tenets of color theory. Mastery of color theory concepts are illustrated through works utilizing paint, colored pencil, and pastel. Mastery of concepts will be exhibited through studio production and written works. Topics include Celtic Art, Medieval painting and illumination, Calligraphy, and observational painting. Supplemental drawing assignments re-enforce drawing techniques from Drawing Fundamentals. Successful completion of this course will require students to demonstrate proficiency in the following Ohio Academic Content Standards: Historical, Cultural, Social Contexts 8-10 – (Benchmarks C, D.); Creative Expression and Communication 7-11 – (Benchmarks A, B, C.); Analyzing and Responding 7-11 – (Benchmarks A, B, C.); Valuing the Arts/Aesthetic Reflection 8-10 – (Benchmarks A, B, C.); Connections, Relationships, and Applications 8-10 – (Benchmarks A, B).

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Successful completion of Art I

**ART II MEDIA EXPLORATION** – Using previously developed skills, particularly drawing, students will explore and attain mastery in a variety of art media. Two-dimensional and three dimensional in conjunction with written exercises will comprise student production. Cultural, Historical, and Aesthetic issues will be explored through lecture, critique, studio production, and written works. Projects include pen and ink drawing, ink wash drawing, watercolor, abstract painting, and block printing. Students will also explore the historical, social, and philosophical nature of art including monumental art, cross cultural criticism, and the influence of cultural systems on art. Successful completion of this course will require students to demonstrate proficiency in the following Ohio Academic Content Standards: Historical, Cultural, Social Contexts 8-10 – (Benchmarks A, B, C, D.); Creative Expression and Communication 7-11 – (Benchmarks A, B, C.); Analyzing and Responding 7-11 – (Benchmarks A, B, C); Valuing the Arts/Aesthetic Reflection 8-10 – (Benchmarks A, B, C.); Connections, Relationships, and Application 9-11 – (Benchmarks A, B, C.).

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Successful completion of Art I

**ART III ART IN CONTEXT** – In this class, students will further develop their studio production skills while examining the social, historical, and cultural forces that influence the production of art. Two and three-dimensional work will be executed. Students will examine visual art within social/historical contexts including Ancient Greek Ceramics, Figure sculpture, Multi-color block printing, Baroque painting, and Marionettes. Cultural and Aesthetic questions will be examined through written works. Successful completion of this course will require students to demonstrate proficiency in the following Ohio Academic Content Standards: Historical, Cultural, Social 8-11 – (Benchmarks A, B, C, D.); Creative Expression and Communication 7-12 – (Benchmarks A, B, C.); Analyzing and Responding 8-12 – ( Benchmarks A, B.); Valuing the Arts/Aesthetic Reflection 7-12 – (Benchmark B.); Connections, Relationships, and Applications 8-12 – (Benchmarks A, C.).

CREDIT OFFERED: One-half credit (Weighted Grade)

PRE-REQUISITE: Successful completion of both Art II courses

**ART III CONTEMPORARY ART ISSUES** – Through this class students will examine non-traditional art making processes and media. The conceptual nature of art will be a key point of examination as well as the relationship between the artist, art object, and the viewing audience. Topics covered include collage, Dada, found object assemblage, site-specific works, art in the public space, and contemporary art theory. Critiques, oral and written, are an integral part of the learning experience. Successful completion of this class will require students to demonstrate proficiency in the following Ohio Academic Content Standards: Historical, Cultural, Social 8-11 – (Benchmarks A, B, C, D.); Creative Expression and Communication 7-12 – (Benchmarks A, B, C.); Analyzing and Responding 8-12 – (Benchmarks A, B, C.); Valuing the Arts/Aesthetic Reflection 7-12 – (Benchmarks A, B, C.); Connections, Relationships, and Applications 8-12 – (Benchmarks A, B, C.).

CREDIT OFFERED: One-half credit (Weighted Grade)

PRE-REQUISITE: Successful completion of both Art II courses

**ART IV ADVANCED ART** - This class provides students with the opportunity to explore advanced conceptual and technical issues while assisting with the implementation of a consistent body of work. Self-motivation and critical reflection are essential for this student-centered class. Students will explore a selected theme for the duration of the class, examining it through multiple works of varying media. A written research paper with presentation and supplemental reading and writing assignments complete the learning experience. Successful completion of this class will require students to demonstrate proficiency in the following Ohio Academic Content Standards: Historical, Cultural, Social Context 9,11,12 – (Benchmarks A, B, C, D.); Creative Expression and Communication 8,11,12 – (Benchmarks A, B.); Analyzing and Responding 8,10-12 – (Benchmarks A, C.); Valuing the Arts/Aesthetic Reflection 8-12 – (Benchmarks A, B, C.); Connections, Relationships, and Applications 10-12 – (Benchmark A.).

CREDIT OFFERED: One-half credit (Weighted Grade)

PRE-REQUISITE: Successful completion of both Art III courses

**ART IV PORTFOLIO PREPARATION** - This class is for seniors seriously considering post secondary art school options including those requiring portfolios. Students will develop a body of work exploring a topic of their own selection. Portfolio development is included as well as creating an artist statement. Examination of the role of art organizations will also be explored. Class critiques are a fundamental aspect of this class. Self-motivation and critical reflection/self-evaluation are essential. Successful completion of this class will require students to demonstrate proficiency in the following Ohio Academic Content Standards: Historical, Cultural, Social Context 9,11,12 – (Benchmarks A, B, C, D.); Creative Expression and Communication 8,11,12 – (Benchmarks A, B, C.); Analyzing and Responding 8,10-12 – (Benchmarks A, B, C.); Valuing the Arts/Aesthetic Reflection 8-12 – (Benchmarks A, B, C.); Connections, Relationships, and Applications 9-12 – (Benchmarks A, B, C.).

CREDIT OFFERED: One-half credit (Weighted Grade)

PRE-REQUISITE: Successful completion of both Art III courses

## BUSINESS COURSES

**ACCOUNTING I A** - This course introduces various fundamentals of the accounting cycle for a service business. Students will be introduced to basic accounting terminology, the study of debits and credits, various journals and the proper placement of business transactions in appropriate journals and ledgers. Students will read and develop financial statements. Successful completion of this course will require students to demonstrate proficiency in the Ohio Academic Content Standards for Accounting.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Junior /Senior Standing

**ACCOUNTING I B** - This course stresses manufacturing accounting and cost of merchandise. The study of business organization, financial reporting and fiscal period accounting is developed through the use of workbooks and practice sets. Successful completion of this course will require students to demonstrate proficiency in the Ohio Academic Content Standards for Accounting.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Successful completion of Accounting I A

**ACCOUNTING I A** - Only offered odd numbered school years. Designed to expand and build upon Accounting I principles, this class will take the student through departmentalized organizations and record financial year/end reports. Successful completion of this course will require students to demonstrate proficiency in the Ohio Academic Content Standards for Accounting.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Successful completion of Accounting I B

**ACCOUNTING II B** - Only offered odd numbered school years. Identifying corporate accounting principles and accounting procedures including management decision-making strategies is the basis for the course. Cost accounting for merchandizing will also be studied. Successful completion of this course will require students to demonstrate proficiency in the Ohio Academic Content Standards for Accounting.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Successful completion of Accounting II A

**BUSINESS LAW** - This course is general in nature. It defines and illustrates the different laws that pertain to everyday life as well as the laws by which businesses abide. In addition, certain laws regarding real estate, bailment, wills, and personal property students will be introduced to negotiable instruments and recognize the use of each. Other areas of concentration include warranties and other areas of consumer law which will help develop conscientious consumers. Successful completion of this course will require students to demonstrate proficiency in the Ohio Academic Content Standards for Business Law.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Freshman Standing

**BUSINESS MANAGEMENT**- This course provides students the opportunity to learn about what it takes to manage a business. If you are thinking about majoring in business in college, this class will give you an introduction to your major. Management comprises of planning, organizing, staffing, leading/directing and evaluating/controlling a business to accomplish a goal. Successful completion of this course will require students to demonstrate proficiency in the Ohio Academic Content Standards for Business Management.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Freshman Standing

**BUSINESS MATH** – This is designed to provide students with the principles they need to solve business problems. Areas of focus will include inventory, pricing, selling, buying, interest, depreciation, payroll, and statistics using MS Excel to emphasize the importance of using spreadsheet software in business situations. Successful completion of this course will require students to demonstrate proficiency in the following National Academic Content Standards: I, II, III, IV, V, VI

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Senior Standing

**CAREER PATHWAY**- Career pathway will prepare students for the real world. Students learn to use spreadsheets to prepare bills, budget and plan for spending. The class includes creating letters and resumes for jobs and college. In addition, students will learn taxes and how this impacts employees. In addition, the class will learn how to fill out the FAFSA (Free Application for Federal Student Aid) and both job and college applications. Successful completion of this course will require students to demonstrate proficiency in the Ohio Academic Content Standards for Career Development.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Sophomore Standing

**ENTREPRENEURSHIP** - This course provides students the opportunity to learn about being an entrepreneur. Entrepreneurship is the process of getting into and operating one's own business. Key areas of focus include the free enterprise system, the role of competition, the law of supply and demand, business plans, financing, policies, laws, staffing, and budgeting. Successful completion of this course will require students to demonstrate proficiency in the following National Academic Content Standards: I (A, B, C, D); II (A, B); III (A, B, C, D, E); IV (A, B); VI (A, B, C); VII (A, B, C); VIII (A, B, C); IX

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Freshman Standing

**PERSONAL FINANCE** –This course is a graduation requirement that will emphasize personal finance management with a focus on consumer education. Areas of discussion include banking services, credit risk, money management, financial investments, wages, taxes and risk management. Successful completion of this course will require students to demonstrate proficiency in the Ohio Academic Content Standards for Financial Literacy.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Sophomore Standing

**SPORTS & ENTERTAINMENT MARKETING** -- During this course you will investigate the exciting world of sports and entertainment from a marketing perspective. Developing marketing plans for sports and entertainment products based on consumer demand, competition, and financial estimations of the services and goods offered. Successful completion of this course will require students to demonstrate proficiency in the Ohio Academic Content Standards for Marketing.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Freshman Standing

## COMPUTER SCIENCE and TECHNOLOGY COURSES

**OFFICE SUITE & PRODUCTIVITY TOOLS** - Formerly known as Computer Concepts A, this course provides students the opportunity to learn basic and advanced Office Productivity Suite tools. Microsoft Word, Excel, and PowerPoint software will be used as well as cloud-based tools such as Google Docs & Sheets. This course fulfills half of the Ohio graduation requirement of 1 credit or 2 half-credits in Business/Technology. Successful completion of this course will require students to demonstrate proficiency in the following Ohio Academic Content Standards for technology: Technology and Society Interaction 9-12 - (Benchmark A); Applications 9-12 – (Benchmarks A, B).

CREDIT OFFERED:                      One-half credit  
 PRE-REQUISITE:                        Freshman standing

**COMPUTER SCIENCE 3D MODELING** - Using 3-dimensional modeling software the class will involve its use in making computer models of various real-world objects of increasing complexity. Students will use software packages from Autodesk such as Tinkercad & 123D Design, or the equivalent. Students may also use VEX SnapCAD. Successful completion of this course will require students to demonstrate proficiency in the following ISTE (International Society for Technology in Education) Standards: 1. Creativity and Innovation; 2. Communication and Collaboration; 4. Critical Thinking, Problem Solving, and Decision Making.

CREDIT OFFERED:                      One-half credit  
 PRE-REQUISITE:                        Freshman standing

**COMPUTER SCIENCE DISCOVERIES** - Formerly known as Multimedia & Apps, this course covers Web Page Design and Android App Development. Students will also edit images to include on web pages. A main focus of this course is HTML (HyperText Mark-up Language). Successful completion of this course will require students to demonstrate proficiency in the following ISTE (International Society for Technology in Education) Standards: 1. Creativity and Innovation; 2. Communication and Collaboration; 3. Research and Information Fluency; 4. Critical Thinking, Problem Solving, and Decision Making.

CREDIT OFFERED:                      One-half credit  
 PRE-REQUISITE:                        Freshman standing

**COMPUTER SCIENCE ROBOTICS** - The class involves the building and programming of robots to do various tasks. Competitions with other schools are sometimes available. Class will emphasize team work to build and program working robots. This course is mapped to a number of national standards: Next Generation Science Standards (NGSS), Standards for Technological Learning (STL), and Ohio's New Learning Standards for Mathematics (CCSSM)

CREDIT OFFERED:                      One-half credit  
 PRE-REQUISITE:                        Successful completion of 1+ Computer Science & Technology course



**INTRO TO VIDEO PRODUCTION** - This course is designed to provide students with experience using today's technology to broadcast Brookside High School's announcements. Working with and learning all necessary equipment will be expected as well as requiring each student to work in a cooperative environment and demonstrating leadership skills. Students will create professional video and audio productions for distribution in traditional and new media channels. Students will plan, produce, edit, and launch media products. Students will develop scripts, compose shots and operate cameras, capture sounds using microphone hardware, apply special effect techniques, and edit to achieve the final product. Completion of this course will require students to demonstrate proficiency in the Ohio Academic Content Standards for Information Technology.

CREDIT OFFERED: One-half credit  
PRE-REQUISITE: Freshman standing

**ADVANCED VIDEO PRODUCTION A & B** - This course is designed to provide students with experience using today's technology to broadcast Brookside High School's announcements. Working with and learning all necessary equipment will be expected as well as requiring each student to work in a cooperative environment and demonstrating leadership skills. Students will create professional video and audio productions for distribution in traditional and new media channels. Students will plan, produce, edit, and launch media products. Students will develop scripts, compose shots and operate cameras, capture sounds using microphone hardware, apply special effect techniques, and edit to achieve the final product. Completion of this course will require students to demonstrate proficiency in the Ohio Academic Content Standards for Information Technology.

This is a year-long class for students that completed INTRO TO VIDEO PRODUCTION (or the MS equivalent) and want to continue their VIDEO PRODUCTION experience.

CREDIT OFFERED: One-half credit  
PRE-REQUISITE: Teacher recommendation required

**AP COMPUTER SCIENCE PRINCIPLES A & B** - The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science.

CREDIT OFFERED: One-half credit each (weighted), possible AP Credit  
PRE-REQUISITE: Successful completion of 2+ Computer Science & Technology courses

**FAMILY & CONSUMER SCIENCE COURSES**

**PRINCIPLES OF FOOD** – In this course, students will gain knowledge in food selection criteria and apply preparation methods to promote a healthy lifestyle. Students will apply cooking methods, ingredient selection and nutritional information in the context of selected food dishes. Throughout the course, basic food safety and sanitation techniques will be emphasized. An end of course Webxam will be included in final grade.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Freshman standing

**GLOBAL FOODS** – In this course, students will compare cuisines, ingredients and preferred cooking methods of various cultures. The influence of traditions and regional and cultural perspectives on food choices and culinary practices will be emphasized. Students will examine the issues and conditions that affect the availability and quality of food in the global market, and apply advanced cooking techniques, including the use of specialty and advanced equipment in the preparation of food dishes. An end of course Webxam will be included in final grade.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Culinary Fundamentals

**RATS (REACTION, APPEARANCE, TASTE & SMELLS) FOOD SCIENCE** – Better known as Food Science! In this course, students will apply basic culinary practices and understand how flavor, texture and appearance are affected during food preparation. Students will evaluate chemical reactions as they occur in cooking methods and assess how to control high-risk food safety situations. Food safety and sanitation techniques will align to industry-recognized certifications. An end of course Webxam will be included in final grade.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Sophomore Standing

**CULINARY FUNDAMENTALS** – In this course, students will apply fundamental culinary techniques, such as knife handling skills and the recognition, selection and proper use of tools and equipment. An emphasis will be placed on mise en place (food organization before cooking), the management of time, ingredients and equipment. Students will apply standard recipe conversions using proper scaling and measurement techniques. This course is a pre-requisite for Global Foods. An end of course Webxam will be included in final grade.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Freshman standing

**NUTRITION and WELLNESS** – In this course, students will use principles of nutrition to ensure a healthy body throughout the lifecycle. An emphasis will be placed on planning and preparing meals with an understanding of nutrients and their benefits, portion control and dietary needs. Additional information will include steroid and supplemental use, body weight and management as well as the implementation for physical activity to maintain a healthy lifestyle. An end of course Webxam will be included in final grade.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Freshman standing

**PERSONAL WELLNESS and DEVELOPMENT** – In this course, students will develop a personalized approach to healthy living. An emphasis will be placed on developing personal health for an adolescent that can be used as they transition through life. Additional topics will focus on nutritional selections, family dynamics, personal safety, healthy relationships, mental health, and personal success life skills. An end of course Webxam will be included in final grade.

CREDIT OFFERED: One-half credit  
PRE-REQUISITE: Freshman standing

**HUMAN GROWTH and DEVELOPMENT** – In this course, students will analyze human growth and development throughout the lifespan. An emphasis will be placed on physical, cognitive, social and emotional growth and development. Additional topics will include human characteristics and traits, genetic defects, parenting styles and responsibilities and cultural differences within a family unit and community. An end of course Webxam will be included in final grade.

CREDIT OFFERED: One-half credit  
PRE-REQUISITE: Freshman standing

**CHILD DEVELOPMENT** – In this course, students will study the principles of child growth, development and behavior. An emphasis will be placed on the cognitive development of a child and sensory and motor skills. Additional topics will include childhood diseases, immunizations, theories of development, learning styles and evaluating childcare services. An end of course Webxam will be included in final grade.

CREDIT OFFERED: One-half credit  
PRE-REQUISITE: Freshman standing

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

CREDIT OFFERED: One-half credit  
PRE-REQUISITE: Junior standing

**INTERIOR DESIGN AND TEXTILES** In this course students will explore a broad range of topics relation to the various aspects and career opportunities available in the field of textiles and design. The emphasis will be given to textiles project development and developing strategies to maintain the home. Additional topics will include project collaboration, design techniques and environmental sustainability. An end of course Webxam will be included in final grade.

CREDIT OFFERED: One-half credit  
PRE-REQUISITE: Freshman standing

**INTERIOR DESIGN, FURNISHINGS AND MANAGEMENT** In this Family and Consumer Sciences career field course, students will examine design principles used in residential interiors. An emphasis will be placed on incorporating anthropometrics (how interior design affects the human body), ergonomics (how interior design affects work performance) and psychological responses. Additional topics will include the selection and organization of furnishings, floors and wall coverings in living spaces, kitchens and baths. An end of course Webxam will be included in final grade.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Freshman standing

**TEXTILE (FABRIC) DESIGN, CONSTRUCTION AND MAINTENANCE** - In this course, students will study the visual appearance of fabric and fashion design. Students will identify, analyze and apply production processes and techniques to textiles. Additional topics will include the maintenance and alterations of textile products, including home interior accessories and garments. An end of course Webxam will be included in final grade.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Freshman standing

## HEALTH COURSES

**HEALTH** - This course is designed to improve the student's understanding of his/her physical, social and mental well-being, and how to apply these understandings to meet his/her needs. A few of the major objectives are: 1) basic knowledge of organic/functional diseases, and suicide prevention 2) understanding Physical Fitness 3) applied knowledge of nutrition 4) drug, alcohol and tobacco abuse and 5) current event topics.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Freshman standing

**LANGUAGE ARTS COURSES**

All English 9, 10 and U.S. Literature courses are offered at two levels, Honors and Regular. The Honors levels are assigned weighted grades (additional .25 g.p.a. value for A and B letter grades only).

**ENGLISH 9 A** –Ohio’s New Learning Standards: This course covers the basics of writing and literature including short stories and nonfiction. The composition portion includes narrative, expository, and persuasive writings. Literary terminology and analysis are included. Successful completion of this course will require students to demonstrate mastery of the following Ohio’s New Learning Standards: RL 1-6, 10; RI 1-10; W 1-6, 9-10; SL 1-6; L 2-4, 6

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Freshman standing

**ENGLISH 9 B** - Ohio’s New Learning Standards: This course continues the study of the basics of English language and composition. It includes the reading of classic literature and instruction in writing. Successful completion of this course will require students to demonstrate mastery of the following Ohio’s New Learning Standards: RL 1-10; RI 4-6, 10; W 2, 4-10; SL 1-6; L 1-6

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Prior enrollment in English 9

**HONORS ENGLISH 9 A** - This course will cover the English 9A curriculum with additional independent reading and more advanced requirements for writing that aim to extend thinking and increase the rigor of the general course. Ohio’s New Learning Standards: RL 1-6, 10; RI 1-10; W 1-6, 9-10; SL 1-6; L 2-4, 6

CREDIT OFFERED: One-half credit (Weighted Grade)

PRE-REQUISITE: Freshman standing

**HONORS ENGLISH 9 B** - This course will cover the English 9B curriculum with additional independent projects and more advanced requirements for writing that aim to extend thinking and increase the rigor of the general course. More advanced reading material is also used. Ohio’s New Learning Standards: RL 1-6, 10; RI 1-10; W 1-6, 9-10; SL 1-6; L 2-4, 6

CREDIT OFFERED: One-half credit (Weighted Grade)

PRE-REQUISITE: Successful completion of Honors English 9 A

**READING** - : Students are recommended to this developmental course by input from teachers, test scores, and work samples. Students will practice a variety of skills to improve reading comprehension and to promote greater reading proficiency. Successful completion of this course will require students to demonstrate mastery of the following Ohio’s New Learning Standards: RL 1-10; RI 1-10.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Freshman standing

**ENGLISH 10 A** - In this course, students will further develop skills in reading, vocabulary, grammar and composition through reading short stories, poetry, drama and nonfiction and applying related literary terms and vocabulary and doing various compositions. Successful completion of this course will require students to demonstrate mastery of the following Ohio's New Learning Standards: RL 1-10; RI 1-10; W 1-10; SL 1-6; L 2-6

CREDIT OFFERED: One-half credit

PRE-REQUISITE: prior enrollment in English 9 A and English 9 B

**ENGLISH 10 B** - In this course, students will further develop skills in reading, vocabulary, grammar and composition by reading dramas, short stories, poetry and novels and applying related literary terms and vocabulary and doing various compositions. Successful completion of this course will require students to demonstrate mastery of the following Ohio's New Learning Standards: RL 1-10; RI 1-10; W 1-10; SL 1-6; L 1-6

CREDIT OFFERED: One-half credit

PRE-REQUISITE: prior enrollment in English 10 A

**HONORS ENGLISH 10 A** – This course will cover the English 10A curriculum with additional reading and writing that aims to extend thinking and increase the rigor of the general course. Ohio's New Learning Standards: RL 1-10; RI 1-10; W 1-10; SL 1-6; L 2-6

CREDIT OFFERED: One-half credit (Weighted Grade)

PRE-REQUISITE: Successful completion of Honors English 9 B

**HONORS ENGLISH 10 B** - This course will cover the English 10B curriculum with additional reading and writing that aims to extend thinking and increase the rigor of the general course. Ohio's New Learning Standards: RL 1-10; RI 1-10; W 1-10; SL 1-6; L 1-6

CREDIT OFFERED: One-half credit (Weighted Grade)

PRE-REQUISITE: Successful completion of Honors English 10 A

**CREATIVE WRITING** - In this elective course, students will learn literary elements in order to write fictional short stories. The course purpose is to develop student-writing skills by focusing on different aspects of the short story. Students will be required to write in several different *genres*, focusing on image, emotion, insight, plot, theme, character development, variety and conciseness in writing, sentence response, dialogue, and content. A writing workshop is included in the class, featuring student writing and feedback from other students. *This is a rigorous course best suited for upperclassmen. Sophomores must obtain written parental consent to enroll in this course.* Successful completion of this course will require students to demonstrate mastery of the following Ohio's New Learning Standards: W.S 1-6,8,10; L.S. 1-6.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: successful completion of English 9 B

**GREAT BOOKS (AMERICAN)** – This elective course is designed for students who wish to read a variety of books written by American authors that have been listed as suggested reading for college-bound students. The course will enhance student's ability to read, interpret, discuss and write about significant texts in American literature. Students will look at how writers from various historical periods have created ideas of the world. Students will read authors from a number of different literary traditions and from each of the major literary movements that have occurred between the mid-17th century and the present. Students will participate in class discussions, complete various writing assignments, and present both group and individual presentations to the class. This course is reading intensive with 20-30 pages per night. Successful completion of this course will require students to demonstrate mastery of the following Ohio's New Learning Standards: RL 1-10; RI 1-7, 9-10; W 1-2, 4-6, 8-10; SL 1, 4; LS 1-6.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: successful completion of English 9 B

**GREAT BOOKS (WORLD)** – This elective course is designed for students who wish to read a variety of books written by authors from around the world that have been listed as suggested reading for college-bound students. The course will enhance student's ability to read, interpret, discuss and write about significant texts in world literature. Students will look at how writers from various historical periods and diverse backgrounds have created ideas of the world. Students will read authors from a number of different literary traditions and from each of the major literary movements that have occurred between the mid-17th century and the present. Students will participate in class discussions, complete various writing assignments, and present both group and individual presentations to the class. This course is reading intensive with 20-30 pages per night. Successful completion of this course will require students to demonstrate mastery of the following Ohio's New Learning Standards: RL 1-10; RI 1-7, 9-10; W 1-2, 4-6, 8-10; SL 1, 4; LS 1-6.

CREDIT OFFERED: One-half credit

PRE-REQUISITES: successful completion of English 9 B

**SPEECH** - This course teaches the students the basic concepts of communication and physical actions at the podium. Speeches given are: informative, persuasive, demonstration, and after-dinner speeches. Work is done in oral interpretation, group discussion and debate. Exercises are given to develop the voice and physical gestures. This course is writing intensive. Successful completion of this course will require students to demonstrate mastery of the following Ohio's New Learning Standards: RL 1-4, 6-7, 10; RI 1,3-6, 8; W 1-2, 4-5, 7-10; SL1-6; LS 1-6.

CREDIT OFFERED: One-half credit

PRE-REQUISITES: Successful completion of English 9 B

**WORLD LITERATURE** – This course teaches students to read a variety of translated non-English and non-American literature from the regions of Africa, Europe, the Middle East, Asia, the Pacific, and the Americas. Students will study the history and issues that accompany the readings. This course is reading intensive. Successful completion of this course will require students to demonstrate mastery of the following Ohio's New Learning Standards: RL 1-10; RI 1-7, 9-10; W 1-2, 4-10; SL 1, 4-5; LS 1-6.

CREDIT OFFERED: One-half credit

PRE-REQUISITES: successful completion of English 9 B

**YEARBOOK A** – This course focuses on the production of a hard copy yearbook, video yearbook, and school newspaper. Students are taught journalistic writing with an emphasis on grammar. Students also learn page design and video production as well as communication skills. A large amount of technological knowledge is also taught. Students are required to attend events outside of the school day. Successful completion of this course will require students to demonstrate mastery of the following Ohio's New Learning Standards: W 4,5,7,8; SL 1,5,6; L 1-6

CREDIT OFFERED: One-half credit may be counted as a Language Arts elective, but no credit may be counted as a Language Arts graduation requirement.

PRE-REQUISITES: At least sophomore standing/teacher recommendation required

**YEARBOOK B** - This course must be taken in conjunction with Yearbook A. This course focuses on the final steps in the production of a hard copy yearbook, video yearbook, and school newspaper. Students are taught journalistic writing with an emphasis on grammar. Students also learn page design and video production as well as communication skills. A large amount of technological knowledge is also taught. Students learn to follow the editing process in order to produce an error-free product. Students are required to attend events outside of the school day. Successful completion of this course will require students to demonstrate mastery of the following Ohio's New Learning Standards: W 4,5,7,8; SL 1,5,6; L 1-6.

CREDIT OFFERED: One-half credit as a Language Arts elective only. No credit may be counted as a Language Arts graduation requirement.

PRE-REQUISITE: At least sophomore standing/teacher recommendation required.  
Participation in Yearbook A and Audio-Visual Production

**ENGLISH 11 A** - This course is a chronological study of the literature of the United States from 1600 to the 1865. As students improve their ability to analyze literary selections, they will also discover the developing patterns, techniques, styles and types of literature from the various eras. The class will read outside required novels. There is also a strong emphasis on the improvement of each student's vocabulary and writing skills. Students will learn proper essay structure. The students will be required to write several essays. Successful completion of this course will require students to demonstrate mastery of the following Ohio's New Learning Standards: RL 1-10; RI 1-10; W 1-6, 9-10; SL 1-6; L 1-6.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: prior enrollment in English 10 B

**ENGLISH 11 B** - This course is a chronological study of the literature of the United States from 1865 to the present time. As students improve their ability to analyze literary selections, they will also discover the developing patterns, techniques, styles and types of literature from the various eras. The class will read outside required novels. There is also a strong emphasis on the improvement of each student's vocabulary and writing skills. Students will learn proper essay structure. The students will be required to write several essays including a research paper. Successful completion of this course will require students to demonstrate mastery of the following Ohio's New Learning Standards: RL1-10; RI 1-7, 9-10; W 1-2, 4-10; SL1-6; L 1-6.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Prior enrollment in English 11 A



**HONORS ENGLISH 11 A** - This course will cover the United States Literature A curriculum with additional reading and writing that aims to extend thinking and increase the rigor of the general course. Successful completion of this course will require students to demonstrate mastery of the following Ohio's New Learning Standards: RL 1-10; RI 1-10; W 1-6, 9-10; SL 1-6; L 1-6.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Prior enrollment in English 10A

**HONORS ENGLISH 11 B** - This course will cover the United States Literature B curriculum with additional reading and writing that aims to extend thinking and increase the rigor of the general course. Successful completion of this course will require students to demonstrate mastery of the following Ohio's New Learning Standards: RL 1-10; RI 1-10; W 1-6, 9-10; SL 1-6; L 1-6.

CREDIT OFFERED: One-half credit (Weighted Grade)

PRE-REQUISITE: Successful completion of English 10A

**COLLEGE PREPARATORY WRITING** In this course students will learn the steps involved in planning and organizing essays. They will be required to write several different types of expository papers. This course is highly recommended for students planning to attend college. Successful completion of this course will require students to demonstrate mastery of the following Ohio's New Learning Standards: W.S. 1-10; S.L.4-6.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Successful completion of English 11 A & B or teacher recommendation

**MASS MEDIA** – Students will explore the various means of communication. Newspaper, advertising, public relations, radio, internet, media ethics, film and television will be considered. Students will demonstrate knowledge of communication skills and awareness through active participation in classroom projects. This course is writing intensive. Successful completion of this course will require students to demonstrate mastery of the following Ohio's New Learning Standards: RL 7; RI 1-8, 10; W 1-2, 4-10, SL 1-2, 4-5; LS 1-6.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: prior enrollment in English 11 B

**THE MODERN NOVEL** - This course is the study of novels written in the past thirty years to the present. Each student reads a minimum of four novels at his/her own pace per nine weeks. In and out of class reading is required. Successful completion of this course will require students to demonstrate mastery of the following Ohio's New Learning Standards: RL 1-6, 10; RI 1-2, 4,6, 10; W 2, 4-6, 9-10; SL1, 4; LS 1-3.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Sophomore standing

**MATHEMATICS COURSES**

All Geometry & Algebra II courses are offered at two levels – General and Honors. The honor levels, along with the courses of Pre-Calculus A & B, and AP Calculus A & B are assigned weighted grades (additional .25 g.p.a. value for A and B letter grades only).

**ALGEBRA IA** - This course will focus on the following topics: Reason quantitatively and use units to solve problems. Interpret the structure of expressions. Create equations that describe numbers or relationships. Represent and solve equations and inequalities graphically. Understand the concept of a function and use function notation. Interpret functions that arise in applications in terms of a context. Analyze functions using different representations. Build a function that models a relationship between two quantities. Build new functions from existing functions. Construct and compare linear, quadratic, and exponential models and solve problems. Interpret expressions for functions in terms of the situation they model. Understand solving equations as a process of reasoning and explain the reasoning. Solve equations and inequalities in one variable. Solve systems of equations. Successful completion of this course will require students to demonstrate proficiency in the following Ohio's New Learning Standards N.Q.1, N.Q.2, N.Q.3, A.SSE.1, A.CED.1, A.CED.2, A.CED.3, A.CED.4, A.REI.10, A.REI.11, A.REI.12, N.RN.1, N.RN.2, F.IF.1, F.IF.2, F.IF.3, F.IF.4, F.IF.5, F.IF.6, F.IF.7, F.IF.9, F.BF.1, F.BF.2, F.BF.3, F.LE.1, F.LE.2, F.LE.3, F.LE.5, A.REI.1, A.REI.3, A.REI.5 and A.REI.6.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Teacher recommendation.

**ALGEBRA IB** - This course will focus on the following topics: Summarize, represent, and interpret data on a single count or measurement variable. Summarize, represent, and interpret data on two categorical and quantitative variables. Interpret linear models. Extend the properties of exponents to rational exponents. Use properties of rational and irrational numbers. Perform arithmetic operations with complex numbers. Perform arithmetic operations on polynomials. Analyze functions using different representations. Build a function that models a relationship between two quantities. Build new functions from existing functions. Write expressions in equivalent forms to solve problems. Create equations that describe numbers or relationships. Solve quadratic equations and inequalities in one variable. Use complex numbers in polynomial identities and equations. Solve systems of equations. Successful completion of this course will require students to demonstrate proficiency in the following Ohio's New Learning Standards: S.ID.1, S.ID.2, S.ID.3, S.ID.5, S.ID.6, S.ID.7, S.ID.8, S.ID.9, SSE.1, A.SSE.2, A.SSE.3, A.APR.1, A.CED.1, A.CED.2, A.CED.4, A.REI.4, A.REI.7, N.RN.3, F.IF.4, F.IF.5, F.IF.6, F.IF.7, F.IF.8, F.IF.9, F.BF.1, F.BF.3, F.LE.3.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Successful completion of Algebra I A

**RECOVERY MATH A/B:** - This course is designed for students who have not mastered the needed skills for the abstractions of an Algebra course. This course may only be taken in tandem with Algebra 1 Concepts.

CREDIT OFFERED: One half credit for each/elective credit NOT a math credit

PRE-REQUISITE: Freshman-Test scores and teacher recommendation

**GEOMETRY A** – This course begins with an introduction to basic elements of geometric figures. Other topics include logic and reasoning forms, transversal line relationships, triangles and quadrilaterals. Successful completion of this course will require students to demonstrate proficiency in the following Ohio Academic Content Standards in Mathematics: Measurement 8-10 - (Benchmarks A, C, E, F); Geometry and Spatial Sense 8-10 - (Benchmarks A, B, C, D, E, G, H); and Mathematical Processes 8-10 - (Benchmarks A, B, C, D, E, F, G, H).

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Successful completion of Algebra I B

**GEOMETRY B** – This course is a continuation of Geometry A and topics include geometric transformations, circles and an introduction to surface area and volume. Successful completion of this course will require students to demonstrate proficiency in the following Ohio Academic Content Standards in Mathematics: Number, Number Sense and Operations 8-10 - (Benchmarks G, H, I); Measurement 8-10 - (Benchmarks B, C, D, E, F); Geometry and Spatial Sense 8-10 - (Benchmarks A, B, D, E, F, G, I); and Mathematical Processes 8-10 - (Benchmarks A, B, C, D, E, F, G, H).

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Successful completion of Geometry A

**HONORS GEOMETRY A** – The course content mirrors that of Geometry A but will focus on a more rigorous curriculum. Successful completion of this course will require students to demonstrate proficiency in the following Ohio Academic Content Standards in Mathematics: Measurement 8-10 - (Benchmarks A, C, E, F); Geometry and Spatial Sense 8-10 - (Benchmarks A, B, C, D, E, G, H); and Mathematical Processes 8-10 - (Benchmarks A, B, C, D, E, F, G, H).

CREDIT OFFERED: One-half credit (Weighted Grade)

PRE-REQUISITE: Successful completion of Algebra I B

**HONORS GEOMETRY B** – The course content mirrors that of Geometry B but will focus on a more rigorous curriculum. Successful completion of this course will require students to demonstrate proficiency in the following Ohio Academic Content Standards in Mathematics: Number, Number Sense and Operations 8-10 - (Benchmarks G, H, I); Measurement 8-10 - (Benchmarks B, C, D, E, F); Geometry and Spatial Sense 8-10 - (Benchmarks A, B, D, E, F, G, I); and Mathematical Processes 8-10 - (Benchmarks A, B, C, D, E, F, G, H).

CREDIT OFFERED: One-half credit (Weighted Grade)

PRE-REQUISITE: Successful completion of Honors Geometry A

**ALGEBRA II A** The course includes a study of multiple representations of functions, their transformations, and their inverses; linear, quadratic, polynomial, exponential, logarithmic, absolute value, simple rational, square root. Furthermore, the course includes a study of generalizing relationships, solving linear or quadratic equations in one variable, some mixed systems in two variables, and systems of linear equations in three variables.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Successful completion of Geometry B

**ALGEBRA II B** This course is a continuation of Algebra IIA. It includes a study of order and equivalence properties of algebra to rewrite algebraic expressions and equations, computation of real and complex numbers. The course applies the use of multiple algebraic representations to solve problems presented as real world situations or simulations that require polynomial, exponential, or logarithmic relationships.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Successful completion of Algebra II A

**HONORS ALGEBRA II A** This course is structured around problems that build conceptual understanding of algebraic topics, comfort with using general equations to represent functions and relations as well as with interpreting general equations to describe a situation, and an awareness of connections between different ideas. A TI-84 calculator is recommended.

CREDIT OFFERED: One-half credit (Weighted Grade)

PRE-REQUISITES: Teacher Recommendation and Successful completion of Geometry B

**HONORS ALGEBRA II B** - This course is a continuation of Honors Algebra II A. The course applies the use of multiple algebraic representations to solve problems presented as real world situations that require polynomial, exponential or logarithmic relationships. It will focus on power, exponential, logarithmic and rational functions. A TI-84 calculator is recommended.

CREDIT OFFERED: One-half credit (Weighted Grade)

PRE-REQUISITE: Successful completion of Honors Algebra II A

**INTERMEDIATE MATH IIIA** Review linear and quadratic functions. Arithmetic operations with complex numbers. Solving equations that contain complex numbers. Interpret the structure of expressions. Write expressions in equivalent forms to solve problems. Perform arithmetic operations on polynomials. Successful completion of this course will require students to demonstrate proficiency in the following Ohio's New Learning Standards: NN.CN.1, N.CN.2, A.APR.1, F.IF.4, F.IF.5, F.IF.6, F.IF.7, F.IF.8, F.IF.9, F.BF.1, F.BF.3, F.BF.4, F.LE.3, A.SSE.1, A.SSE.2, A.SSE.3, A.SSE.4, A.CED.1, A.CED.2, A.CED.4, A.REI.4, N.CN.7, N.CN.8, N.CN.9, and A.REI.7

CREDIT OFFERED: One-half credit

PRE-REQUISITE: D Average in INTM1 and INTM 2 or Teacher Recommendation

**INTERMEDIATE MATH IIIB** This course looks at performing arithmetic operations on polynomials. Understand the relationship between zeros and factors of polynomials. Use polynomial identities to solve problems. Rewrite rational expressions. Understand solving equations as a process of reasoning and explain the reasoning. Represent and solve equations and inequalities graphically. Solving Rational equations. Solving Square Root Equations. Successful completion of this course will require students to demonstrate proficiency in the following Ohio's New Learning Standards: N.CN.1, N.CN.2, N.CN.7, N.CN.8, N.CN.9, A.SSE.1, A.SSE.2, A.SSE.4, A.APR.1, A.APR.2, A.APR.3, A.APR.4, A.APR.5, A.APR.6, A.APR.7, A.REI.2, A.REI.11, F.IF.7.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Successful Completion of Intermediate Math III A

**INTERMEDIATE MATH IV A**—This course is a study of powers, roots, radicals exponential and logarithmic functions, and rational equations and functions. Successful completion of this course will require students to demonstrate proficiency in the following Ohio Academic Content Standards in Mathematics: Number, Number Sense and Operations 8-10 -(Benchmarks: H, I), 11-12-(Benchmarks: E); Patterns, Functions and Algebra 8-10- (Benchmarks: B, E, F) 11-12-(Benchmark: D); Geometry and Spatial Sense 11-12: (Benchmarks: A,B) and Math Processes 8-10 - (Benchmarks A, B, C, D, E, F, G, H), 11-12(C,I,J).

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Successful Completion of Intermediate Math IIIB

**INTERMEDIATE MATH IV B**— This course is a study of quadratic relations and conic sections, sequences and series, probability and statistics. Successful completion of this course will require students to demonstrate proficiency in the following Ohio Academic Content Standards in Mathematics: Number, Number Sense and Operations 8-10 -(Benchmark: B); Patterns, Functions and Algebra 8-10- (Benchmarks: B, E) 11-12-(Benchmark: C); Data Analysis and Probability 8-10-(Benchmarks: A, B, C, D, E, F, G, H, I, J, K), 11-12( Benchmarks: A, B, C, D) and Mathematical Processes 8-10 - (Benchmarks A, B, C, D, E, F, G, H).

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Successful Completion of Intermediate Math IV A

**FUNCTIONS, STATISTICS AND TRIGONOMETRY A** – Students will learn how to look at examine data graphically and algebraically, predict lines of best fits, how to transform graphs and data, and learn the basics of trigonometry. Successful completion of this course will require students to demonstrate proficiency in the following Ohio Academic Content Standards in Mathematics: Number, Number Sense and Operations 11-12 - (Benchmarks: A, B, D); Patterns, Functions and Algebra 8-10 - (Benchmarks: A, B, C, D, E, F, G, H, I, J, K), 11-12 - (Benchmarks: A, B, C); Data Analysis and Probability 11-12 -(Benchmark A); and Mathematical Processes 11-12 - (Benchmarks C, I, J).

CREDIT OFFERED: One-half credit

PRE-REQUISITE: C/D average in Algebra II or Honors Algebra II

**FUNCTIONS, STATISTICS AND TRIGONOMETRY B** – Students will examine roots, powers, polynomial and logarithmic functions. They will also study probability, simulation, sequences, series, combinations, binomial and normal distributions. Successful completion of this course will require students to demonstrate proficiency in the following Ohio Academic Content Standards in Mathematics: Number, Number Sense and Operations 11-12 - (Benchmarks: B, D, E); Patterns, Functions and Algebra 8-10 - (Benchmarks D, E), 11-12 - (Benchmarks: A, B, C, D); ; Data Analysis and Probability 11-12 -(Benchmark: A, B,C, D); Geometry and Spatial Sense 11-12 (Benchmarks: A, B); and Mathematical Processes 11-12 - (Benchmarks: C, I, J).

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Successful Completion of Functions, Statistics and Trigonometry A

**PRE-CALCULUS A** – *The course, Functions, Statistics and Trigonometry may not be taken after the student has completed Pre Calculus.* This course is a preparatory course for advanced mathematical studies at the college level. Topics include the review of polynomial, rational, exponential, logarithmic functions. Students will also be introduced to the concepts of trigonometric functions. Successful completion of this course will require students to demonstrate proficiency in the following Ohio Academic Content Standards in Mathematics: Number, Number Sense and Operations 8-10 - (Benchmarks B, C, D, H); Patterns, Functions and Algebra 8-10 - (Benchmark I), 11-12 - (Benchmarks A); Measurement 8-10 - (Benchmarks A, D); Geometry and Spatial Sense 8-10 - (Benchmarks H, I), 11-12 (Benchmark A); and Mathematical Processes 11-12 - (Benchmarks C, D, I, J). **Students are required to complete a summer work packet before the start of school.**

CREDIT OFFERED: One-half (Weighted Credit)

PRE-REQUISITE: A/B average in Algebra II or Honors Algebra II

REQUIRED MATERIAL: A TI-83, TI-84 or equivalent graphing calculator

**PRE-CALCULUS B** - This course is a continuation of Pre-Calculus A and will include the study of verifying trigonometric identities, solving triangles, polar coordinates, conic sections, sequences and series. Successful completion of this course will require students to demonstrate proficiency in the following Ohio Academic Content Standards in Mathematics: Number, Number Sense and Operations 11-12 - (Benchmark E); Patterns, Functions and Algebra 8-10 -(Benchmark I), 11-12 - (Benchmark A); Measurement 8-10 - (Benchmarks A, C, D, E); Geometry and Spatial Sense 8-10 - (Benchmarks H, I), 11-12 - (Benchmark A); and Mathematical Processes 11-12 - (Benchmarks C, D, I, J). *The course, Functions, Statistics and Trigonometry may not be taken after the student has completed Pre Calculus B*

CREDIT OFFERED: One-half credit (Weighted Grade)

PRE-REQUISITE: Successful Completion of Pre-Calculus A

**AP CALCULUS (A/B)** This is a yearlong course that will prepare students for the AP Calculus test. This course focuses on finding limits graphically, numerically, and analytically. Continuous and non-continuous functions will be discussed, as well as one-sided and infinite limits. Basic differentiation rules such as the product rule, quotient rule, chain rule, and implicit differentiation will lead to real-world applications. . Applications of differentiation will lead to the First Derivative Test for increasing and decreasing functions, concavity and the Second Derivative Test, and general curve sketching. Integration and Anti-Derivatives will be discussed, as well as Riemann Sums and Definite Integrals, integration by substitution, and the Fundamental Theorem of Calculus. Students will be expected to take the AP Calculus test at the end of the year. Students will demonstrate proficiency in the following Ohio Academic Content Standards in Mathematics: Measurement 11-12 - (Benchmark D); Data Analysis and Probability 11-12 - (Benchmark A); Mathematical Processes 11-12 - (Benchmarks C, G, H, I), Patterns, Functions and Algebra 11-12 - (Benchmark A); Measurement 11-12 - (Benchmark C); and Mathematical Processes 11-12 – (Benchmarks D, E, F, I, J).

CREDIT OFFERED: One-half credit each (weighted), possible AP Credit

PRE-REQUISITE: Successful Completion of Pre-Calculus A and B.

## MUSIC COURSES

**CHOIR A** - Offered during the first semester only, this course is the first of a required two course series covering the entire school year. Students must audition to make choir. Students study, work and practice together, enabling them to present quality musical programs with success. Other goals include the promotion of responsibility, leadership, organization and performance skills. The choir may participate in annual conference-wide Choral Festivals, and will present 4 concerts a year. Successful completion of this course will require students to demonstrate proficiency in the following Ohio Academic Content Standards in Music grades: Historical, Cultural and Social Contexts 9-12 - (Benchmarks A,B); Creative Expression and Communication 9-12 - (Benchmarks A,B); Analyzing and Responding 9-12 - (Benchmarks A,B,D); Valuing Music/Aesthetic Reflection 9-12 - ( Benchmarks A,B); Connections, Relationships and Applications 9-12 - (Benchmark A).

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Has an interest in the world of music, enjoys singing, and has a desire to learn how to read music.

**CHOIR B** - Offered during the second semester only, this course is the second in the required two course series covering the entire school year and builds on the skills learned in Choir A. Successful completion of this course will require students to demonstrate proficiency in the following Ohio Academic Content Standards in Music grades: Historical, Cultural and Social Contexts 9-12 - (Benchmarks A,B); Creative Expression and Communication 9-12 - (Benchmarks A,B); Analyzing and Responding 9-12 - (Benchmarks A,B,D); Valuing Music/Aesthetic Reflection 9-12 - ( Benchmarks A,B); Connections, Relationships and Applications 9-12 - (Benchmark A).

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Has an interest in the world of music, enjoys singing, and has a desire to learn how to read music.

**CHORALE A** - Offered during the first semester only, this course is the first of a required two course series covering the entire school year. Students must audition to make choir. This course provides a choir experience for the student who wishes to challenge him or herself by performing more advanced chorale literature. Students study, work and practice together, enabling them to present quality musical programs with success. Other goals include the promotion of responsibility, leadership, organization and performance skills. The choir may participate in annual conference-wide Choral Festivals, and will present 4 concerts a year. Successful completion of this course will require students to demonstrate proficiency in the following Ohio Academic Content Standards in Music grades: Historical, Cultural and Social Contexts 9-12 - (Benchmarks A,B); Creative Expression and Communication 9-12 - (Benchmarks A,B); Analyzing and Responding 9-12 - (Benchmarks A,B,D); Valuing Music/Aesthetic Reflection 9-12 - (Benchmarks A,B); Connections, Relationships and Applications 9-12 - (Benchmark A).

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Enrollment determined by audition

**CHORALE B** - Offered during the second semester only, this course is the second in the required two course series covering the entire school year and builds on the skills learned in Choral A. This course provides a choir experience for the student who wishes to challenge him or herself by performing more advanced chorale literature. Successful completion of this course will require students to demonstrate proficiency in the following Ohio Academic Content Standards in Music grades: Historical, Cultural and Social Contexts 9-12 - (Benchmarks A,B); Creative Expression and Communication 9-12 - (Benchmarks A,B); Analyzing and Responding 9-12 - (Benchmarks A,B,D); Valuing Music/Aesthetic Reflection 9-12 - (Benchmarks A,B); Connections, Relationships and Applications 9-12 - (Benchmark A).

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Enrollment determined by audition

**JAZZ BAND** - Students will learn the mechanics of jazz improvisation and the art of constructing good jazz solos, as well as learning about many different jazz styles and prominent jazz musicians. Successful completion of this course will require students to demonstrate proficiency in the following Ohio Academic Content Standards in Fine Arts-Music: Perceiving/Knowing/Creating and Producing/Performing .

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Performance on a jazz instrument (saxophone, trumpet, trombone, piano, guitar, bass guitar, drum set) and/or a conference with the director. Auditions may be required

**MARCHING /CONCERT BAND A** – Offered during the fall semester only, this course provides an instrumental music experience that teaches music through a combination of traditional music education techniques and rhythmic movement. Marching band begins in July and continues until the end of October. The marching band spends a week at band camp every summer, performs at all varsity football games, several band festivals, and a number of school functions during the school year. The marching band also travels to out of state events in some years. Attendance is mandatory at these events and directly correlates with the course grade the student will receive. Known as the “Pride of Sheffield and Sheffield Lake” the marching band has a rich history of exciting performances. Successful completion of this course will require students to demonstrate proficiency in the following Ohio Academic Content Standards in Fine Arts-Music: Ohio Academic Content Standards in Fine Arts-Music: Perceiving/Knowing/Creating and Producing/Performing.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Previous participation in a concert or marching band at BHS, BMS, or another school OR private lessons on a band instrument and a conference with the director.



**CONCERT BAND B** This course is a required follow up to Marching Band and is offered during the second semester only. This course provides a band experience for the high school student who wishes to challenge him or herself by performing band literature and in small ensembles throughout the year at school and community functions as well as performances and competitions sponsored by the Ohio Music Education Association and/or Lorain County ESC. Students are required to attend all rehearsals and Successful completion of this course will require students to demonstrate proficiency in the following Ohio Academic Content Standards in Fine Arts-Music: Ohio Academic Content Standards in Fine Arts-Music: Perceiving/Knowing/Creating and Producing/Performing.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Previous participation in a concert or marching band at BHS, BMS, or another school OR private lessons on a band instrument and a conference with the director

**MUSIC APPRECIATION** – This course is an introduction to a wide variety of music topics. Music literacy, music careers, and current music artists will be explored. Students will also be introduced to various musical genres, performing ensembles, and different performance applications such as musicals, orchestras, jazz, chant, popular music, and music in film. Successful completion of this course will require students to demonstrate proficiency in the following Ohio Academic Content Standards in Fine Arts-Music: Responding/Reflecting - (HSI: 1RE ,2RE, 3RE HSII: 1RE, 2RE, 5RE, 6RE HSIII: 6RE HSIV: 6RE ).

CREDIT OFFERED: One-half credit

PRE-REQUISITES: Freshman standing

**WORLD MUSIC** -This course is a history of western European music from the Medieval period Gregorian Chant through the Twentieth Century. This course also cross-references to non-musical historical events contemporary with the periods studied. Successful completion of this course will require students to demonstrate proficiency in the following Ohio Academic Content Standards in Fine Arts-Music: Perceiving, Knowing, Creating - (HSI: 4CE, 5CE, 6CE, HSIII: 2CE, 3CE, 4CE)

CREDIT OFFERED: One-half credit

PRE-REQUISITES: Freshman standing

**MUSIC THEORY** - Students learn the structure of music from the elements of music to reading treble, bass and C clefs, music notation, scale structure, intervals, and fundamentals of writing and analyzing four part harmony. Successful completion of this course will require students to demonstrate proficiency in the following Ohio Academic Content Standards in Fine Arts-Music: Creative Expression 9-12 - (Benchmark B); Analyzing and Responding 9-12 – (Benchmark C).

CREDIT OFFERED: One-half credit

PRE-REQUISITES: Sophomore standing and know how to read music

**SYMPHONIC BAND B** - The class would only be offered when the HS band exceeds 110 musicians and the ensemble needs to be divided into 2 concert bands

This course is a required follow up to Marching Band and is offered during the second semester only. This course provides a band experience for the student who wishes to challenge him or herself by performing more advanced band literature. Students are required to attend all rehearsals and performances including at the district and state levels. Enrollment is determined by audition. Successful completion of this course will require students to demonstrate proficiency in the following Ohio Academic Content Standards in Fine Arts-Music: Analyzing and Responding 9-12 – (Benchmarks A, B, C, D); Creative Expression and Communication 9-12 – (Benchmarks A, B).

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Enrollment determined by audition

### PHYSICAL EDUCATION COURSES

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 physical education courses as a condition to graduate. However, the student is required to complete one-half unit in another course of study. Note: This is not an awarding or granting of PE credit. This is an exemption from the PE credit requirement.

**GROUP GAMES** - Physical education is a required course necessary for graduation. This course is divided into a variety of units each semester. Course selections shall include team sports such as a physical fitness test battery, flag football, volleyball, soccer (indoor and outdoor), basketball, floor hockey, kickball, team handball, softball, and tennis. Course selections, in any given semester, will vary depending on availability of sites and weather. Appropriate dress is necessary for all activities. A student who fails to dress appropriately a predetermined number times will automatically receive a failing grade. No one is excused from Physical Education. A written excuse from a physician can result in the physical education program being adapted to meet the needs of the individual student.

CREDIT OFFERED: One-fourth credit

PRE-REQUISITE: Freshman standing

**INDIVIDUAL GAMES** – Physical education is a required course necessary for graduation. This course is divided into a variety of units each semester. Course selections shall include individual sports such as a physical fitness test battery, bowling, badminton, rope skipping, track, golf, , walking/jogging, corn hole and ladder golf , and weight training. Course selections, in any given semester, will vary depending on availability of sites and weather. Appropriate dress is necessary for all activities. A student who fails to dress appropriately a predetermined number times will receive a failing grade. No one is excused from Physical Education. A written excuse from a physician can result in the physical education program being adapted to meet the needs of the individual student

CREDIT OFFERED: One-fourth credit

PRE-REQUISITE: Freshman standing

**ADVANCED PHYSICAL EDUCATION:** This course is divided into a variety of units each semester. Course selections shall include individual sports such as rope skipping, volleyball, basketball, softball, bowling, swimming, golf, tennis, handball, racquetball, cycling, personal defense, juggling and rope course. Course selections, in any given semester, will vary depending on availability of sites and weather.

CREDIT OFFERED: One-fourth credit

PRE-REQUISITES: 9<sup>th</sup>-12<sup>th</sup> Grade and completion of ½ credit of P.E.

**LIFETIME FITNESS** – This Course is designed for an individual who is committed to improving their cardiovascular fitness level and/or losing weight. This class enables students to engage daily in fitness for life activities. A variety of workouts including a walking/jogging program and other aerobic activities will allow students to become fit and more knowledgeable about techniques of stretching, injury prevention and workout varieties. Personal qualities such as self-esteem, leadership, proper nutrition, self-discipline, goal setting and weight control are all to be gained from this fitness class.

CREDIT OFFERED: One-fourth credit

PRE-REQUISITES: 9<sup>th</sup>-12<sup>th</sup> Grade and completion of ½ credit of P.E.

**WEIGHT AND AEROBIC CONDITIONING** – This course is designed for those students who are interested in developing a healthy lifestyle. Students who enroll in this course will be expected to participate and develop an individual lifting program that will be sport specific or for general health. Students participating in an in-season sport must have approval prior to signing up for a course.

CREDIT OFFERED: One-fourth credit

PRE-REQUISITES: Freshman standing and completion of 1/4 credit of P.E. or participation in school sponsored sport

**SCIENCE DEPARTMENT PATHWAYS**

Listed below are three possible paths that students can utilize to plan for their future college and career goals. These suggestions are based on the credits required for graduation and suggested courses that colleges require for admitting students to their programs.

Pathway #1 Suggested for collegiate science majors and advanced students

**Freshman:** Physical Science/Honors Physical Science

**Sophomores:** Honors Biology and Honors Chemistry

**Juniors:** AP Chemistry/AP Physics, whichever is offered and/or CCP Biology (must meet CCP requirements)

**Senior:** AP Physics/AP Chemistry, whichever is offered

Pathway #2 Suggested for all college bound students

**Freshmen** – Biology or Honors Biology

**Sophomore-** Physical Science or Honors Physical Science

**Juniors-** Regular Chemistry or Physics.

**Senior-** Regular Chemistry or Physics, whichever course was not taken in 11th grade. AP Chemistry or AP Physics can be taken during junior or senior year as long as prerequisites have been met.

Pathway #3 Suggested for all students interested in career and technical fields

**Freshmen** - Biology

**Sophomore-** Physical Science

**Junior & Senior-** Two electives from the list below.

*These classes may be taken at any level so long as the student meets the prerequisites for the course.*

Honors Chemistry – Recommendation required, B or higher in Biology and Geometry (can be concurrent)

AP Chemistry – B or Higher in General or Advanced Chemistry

AP Physics - must have passed Physical Science or Chemistry Geometry (B or higher)

Botany -- must have Biology A and B

Chemistry – C or higher in Biology or Geometry

Environmental Issues - must have Biology A and Biology B

Astronomy and Cosmology- must have passed Physical Science A and B

Forensic - must have passed Physical Science and Biology

Geology - must pass Physical Science and Biology

Physics - must have passed Physical Science or Chemistry and Geometry (C or higher)

## SCIENCE COURSES

**All science classes have been aligned to the State of Ohio's Model Curriculum in Science.** Honors Chemistry, AP Physics 1, and AP Chemistry courses are considered Honors level courses and assigned weighted grades (additional .25 GPA value for A and B letter grades only).

**BIOLOGY A**- This laboratory science prepares students to take the state's End of Course Exam. This course includes the examination of the cell and the basic overview of how it functions within the organism, DNA and genetics. It includes an introduction to biochemical principles of living things including photosynthesis and respiration. Basic microscope skills are developed as microorganisms, such as bacteria and protists are examined. Successful completion of this course will require students to demonstrate proficiency in the State of Ohio's Model Curriculum.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Freshman standing

**BIOLOGY B** - This laboratory science prepares students to take the state's End of Course Exam. This course includes the study of life, the classification of living things, use of the scientific method, viruses, bacteria, ecology, and evolution. Basic microscope skills are developed as microorganisms, such as bacteria and protists are examined. Successful completion of this course will require students to demonstrate proficiency in the State of Ohio's Model Curriculum.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Freshman standing

**HONORS BIOLOGY A and B**- This is a rigorous laboratory science class that covers all the topics of Biology A & B in greater depth. Special emphasis will be placed on cellular processes, DNA, genetic engineering and evolution. Completion of this class will prepare students for the State End of Course Exam.

CREDIT OFFERED: One credit

PRE-REQUISITE: Teacher recommendation

**PHYSICAL SCIENCE A** Through presentations, labs, discussions and study students will be introduced to the four main ideas of the physical science. Using the scientific method, algebraic formulas and metric units of measure, the students will investigate the nature of matter and its changes. Concepts in Atomic theory, the periodic table, chemical reactions types. Successful completion of this course will require students to demonstrate proficiency in the State of Ohio's Model Curriculum.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Algebra I completed

**PHYSICAL SCIENCE B** - Through presentations, labs, discussions and study students will be introduced to the four main ideas of the physical science. Students will learn basic kinematics, Newton's 3 laws, momentum, energy and its forms, electromagnetic radiation, and the history of the universe. Successful completion of this course will require students to demonstrate proficiency in the State of Ohio's Model Curriculum.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Algebra I completed

**HONORS PHYSICAL SCIENCE A** This is a teacher recommendation only course. Honors Physical Science A moves at a faster pace, and includes more topics than Physical Science A. Through presentations, labs, discussions and study students will be introduced to the four main ideas of the physical science. Using the scientific method, algebraic formulas and metric units of measure, the students will investigate the nature of matter and its changes. Concepts in Atomic theory, the periodic table, chemical reactions types. Successful completion of this course will require students to demonstrate proficiency in the State of Ohio's Model Curriculum.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: A grade of B or higher in Algebra I A&B and science teacher recommendation

**HONORS PHYSICAL SCIENCE B** This is a teacher recommendation only course. Honors Physical Science B moves at a faster pace, and includes more topics than Physical Science B. Through presentations, labs, discussions and study students will be introduced to the four main ideas of the physical science. Students will learn basic kinematics, Newton's 3 laws, momentum, energy and its forms, electromagnetic radiation, and the history of the universe. Successful completion of this course will require students to demonstrate proficiency in the State of Ohio's Model Curriculum.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Passing grade in Honors Physical Science A

**CHEMISTRY A** – Topics included in this introductory chemistry class include dimensional analysis, the atom and periodic table, radioactivity, modern atomic theory, bonding, chemical names and formulas, and chemical reactions. Problem solving skills are emphasized along with that of lab work and report writing. Successful completion of this course will require students to demonstrate proficiency in the Ohio Model Curriculum for Chemistry.

CREDIT OFFERED: One-half credit

PRE-REQUISITES: Successful completion of Physical Science A and B, Biology A and B, and Geometry A and B. At least a "C" average in each required. Or are following Pathway #1 for advanced students only.

**CHEMISTRY B** This is the second half of chemistry. Topics in this class include chemical composition, stoichiometry, gases, energy, liquids and solids, solutions, acids and bases, equilibrium, and electrochemistry. Emphasis will again be on problem solving and lab skills. Successful completion of this course will require students to demonstrate proficiency in the Ohio Model Curriculum for Chemistry.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Successful completion of Chemistry A

**HONORS CHEMISTRY A** – This is a teacher recommendation only course. Advanced Chemistry A moves at a faster pace, and includes more topics than Chemistry A. Topics included in this introductory chemistry class include dimensional analysis, the atom and periodic table, radioactivity, modern atomic theory, bonding, chemical names and formulas, and chemical reactions. Problem solving skills are emphasized along with that of lab work and report writing. Successful completion of this course will require students to demonstrate proficiency in the Ohio Model Curriculum for Chemistry.

CREDIT OFFERED: One-half credit (Weighted Grade)

PRE-REQUISITES: Successful completion of Physical Science A and B, Biology A and B, and Geometry A and B; and with teacher recommendation.

**HONORS CHEMISTRY B** - This is the second half of Advanced Chemistry. Topics in this class include chemical composition, stoichiometry, gases, energy, liquids and solids, solutions, acids and bases, equilibrium, and electrochemistry. Emphasis will again be on problem solving and lab skills. Successful completion of this course will require students to demonstrate proficiency in the Ohio Model Curriculum for Chemistry.

CREDIT OFFERED: One-half credit (Weighted Grade)

PRE-REQUISITE: Successful completion of Advanced Chemistry A

**AP CHEMISTRY A and B** - AP Chemistry is a yearlong course that provides students with a foundation to support future advanced coursework in chemistry. Through inquiry based learning, students develop critical thinking and reasoning skills. Students cultivate their understanding of chemistry and science practices as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Students will be expected to take the AP Chemistry exam at the end of the year.

CREDIT OFFERED: One full credit (weighted course)

PRE-REQUISITES: Successful completion of General or Advanced Chemistry A&B (B or better), Geometry A and B (C or better) or an Entrance Exam Score of 75% or better.

**PHYSICS A** - Physics is a college prep course that deals with the student of matter and energy in motion. Topics to be studied in this course will be kinematics, vectors, forces, momentum, work and energy, circular motion, and gravity. Successful completion of this course will require students to demonstrate proficiency in the State of Ohio's Model Curriculum for physics.

CREDIT OFFERED: One-half credit

PRE-REQUISITES: Successful completion of Physical Science A and B, Biology A and B, and Geometry A and B (C or better)

**PHYSICS B** - Physics B is the continuation of Physics A.. Topics to be studied in this course will be mechanical waves, sounds energy and waves, e-m radiation, geometric and physical optics, nuclear physics, and electric forces and fields, and circuits. Successful completion of this course will require students to demonstrate proficiency in the State of Ohio's Model Curriculum for physics.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Successful completion of Physics A

**AP PHYSICS 1 A and B** - The yearlong course focuses on the interconnections between the various strands and units contained in the course syllabus and how each contributes to the "Big Ideas" that provide a core foundation for this science course. Problem solving techniques and strategies are fine-tuned throughout the year, and students are continually tasked with connection physics application learned in different units in order to synthesize solutions to complex problems. Students will be expected to take the AP Physics exam at the end of the year.

CREDIT OFFERED: One full credit (weighted course)

PRE-REQUISITE: Geometry A and B (B or better)

**ASTRONOMY AND COSMOLOGY** This introductory course presents a comprehensive and balanced view of what is known about our solar system, stars and constellations, the structure of the universe, and the dynamic nature of the cosmos. Aimed at the non-specialist, this course gives a description of astronomical phenomena using the laws of physics. This course treats many standard topics including planets, stars and galaxies to more esoteric questions concerning the origin of the universe and the search for extraterrestrial intelligence. Successful completion of this course will require students to demonstrate proficiency in the Ohio Model Curriculum for physical science.

CREDIT OFFERED: One-half credit

PRE-REQUISITES: Successful completion of Physical Science (Grade of C or better)

**BOTANY** -This laboratory science course is designed for students interested in taking a challenging, in depth study of the plant kingdom. There is an emphasis on microscope usage and the modern plant cultivation technologies. Successful completion of this course will require students to demonstrate proficiency in the State of Ohio's Model Curriculum for Life Sciences.

CREDIT OFFERED: One-half credit

PRE-REQUISITES: Successful completion of Biology A & B and Physical Science A & B

**ENVIRONMENTAL ISSUES** - This class will cover the most pressing environmental issues facing us today. There is a heavy outdoor lab component that emphasizes data collection in a forested setting and a wetland setting. Students must be prepared to go outside for labs on a regular basis during the fall.

CREDIT OFFERED: One-half credit

PRE-REQUISITES: Successful completion of Biology A & B and Physical Science A & B

**FORENSIC SCIENCE** -This course introduces students to the field of forensic science through an exploration of its applications to criminal investigations, and clear explanations of the techniques, abilities and limitations of the modern crime laboratory. Actual cases enable students to see the role of forensic science in criminal investigations teaches proper procedures for collection and preservation of evidence at crime scenes and introduces probability's role in interpreting evidential significance of scientifically evaluated evidence. Course contents include crime scene processing, fingerprinting, serology, blood pattern analysis, DNA analysis, forensic anthropology, and ballistics. Successful completion of this course will require students to demonstrate proficiency in forensic lab techniques and writing lab reports.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Successful completion of Biology A & B and Physical Science A & B

**GEOLOGY** – This course focuses on physical geology. Constructive and destructive earth processes as they apply to plate tectonics, seismic and volcanic activity, and structure of the Earth. The history of the Earth as well as glacial geology will also be covered. Successful completion of this course will require students to demonstrate proficiency in the Ohio Model Curriculum for physical geology.

CREDIT OFFERED: One-half credit

PRE-REQUISITES: Successful completion of Biology A & B and Physical Science A & B



**SOCIAL STUDIES COURSES**

**MODERN WORLD HISTORY A** This course examines the principles of citizenship as well as absolutism, the Enlightenment, French Revolution, the Industrial Revolution, 19<sup>th</sup> Century progress and the Age of Imperialism. Successful completion of this course will require students to demonstrate proficiency of content statements 1-13 in the revised Ohio Academic Content Standards in Social Studies

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Freshman standing

**MODERN WORLD HISTORY B** - This course examines causes and effects of global conflict from World War I through the Cold War. Successful completion of this course will require students to demonstrate proficiency of content statements 14-29 in the revised Ohio Academic Content Standards in Social Studies.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Freshman standing

**HONORS MODERN WORLD HISTORY A** - This course examines in-depth the principles of citizenship as well as absolutism, the Enlightenment, French Revolution, the Industrial Revolution, 19<sup>th</sup> Century progress and the Age of Imperialism. Special emphasis will be given to primary source documents and projects to enhance evidence-based learning. Successful completion of this course will require students to demonstrate proficiency of content statements 1-13 in the revised Ohio Academic Content Standards in Social Studies. Above average reading and writing skills are strongly recommended.

CREDIT OFFERED: One-half credit (weighted credit)

PRE-REQUISITE: Freshman standing; 8<sup>th</sup> grade Social Studies teacher recommendation and written pre-test

**HONORS MODERN WORLD HISTORY B** - This course examines in-depth the causes and effects of global conflict from World War I through the Cold War. Special emphasis will be given to primary source documents and projects to enhance evidence-based learning. Successful completion of this course will require students to demonstrate proficiency of content statements 14-29 in the revised Ohio Academic Content Standards in Social Studies. Above average reading and writing skills are strongly recommended.

CREDIT OFFERED: One-half credit (weighted credit)

PRE-REQUISITE: Freshman standing; 8<sup>th</sup> grade Social Studies teacher recommendation and written pre-test

**CONTEMPORARY WORLD ISSUES** – This course offers students the ability to explore the pressing issues that are currently before the United Nations, such as terrorism, the Middle East, the Balkans, the War on Drugs, Nuclear Proliferation, and the Asia-Pacific region. Public speaking, debate, conflict resolution, and extensive primary research will be significant components of the course. Requires extensive public speaking and independent research.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Freshman standing

**US HISTORY A** This required course is an in-depth study of the Industrial Revolution through the Great Depression. Students will evaluate the causes and impact of technological changes on American society and the emergence of the United States as a world power. Special emphasis will be given to evaluating the growing role of government power in the lives of its citizens. Successful completion of this course will require students to demonstrate proficiency of content statements 1-20 in the revised Ohio Academic Content Standards.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Sophomore standing

**US HISTORY B** The focus of this required course is to continue the chronological study of the history of the United States from the build-up to WWII through the end of the Cold War. Students will analyze the effects of the post-war economic boom and its relation to the US as a world superpower. Special emphasis is given to America's founding ideals in the civil rights movement. Successful completion of this course will require students to demonstrate proficiency of content statements 21-33 in the revised Ohio Academic Content Standards.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Sophomore standing

**SOCIOLOGY** - This course examines the study of human and social behavior. Major topics include: discipline of sociology, the nature of culture, conformity and deviance, roles, relationships and groups, the family, minorities and discrimination, and the problems of mass society. Above average reading and writing skills are strongly recommended.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Junior standing

**PSYCHOLOGY** - This course examines a brief history of psychology while explaining the fundamentals of how the body and mind function as one. It also delves into psychological theories which help to describe how, where, and why human behavior manifests and our personalities develop. Finally we will determine what is normal and abnormal behavior, how to achieve sound mental health, with the ultimate goal of understanding how to reach self-actualization.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Junior standing

**AMERICAN GOVERNMENT A** – This required junior course examines the foundations of governmental systems, the Constitution, Civil Rights, Federalism, and Political Parties within the United States. This government course is required for graduation. A senior project requiring a 10-hour “on site” service based learning experience through a governmental or related agency is an integral component of this course. Successful completion of this course will require students to demonstrate proficiency in the following Ohio Academic Learning Standards in Social Studies: American Government Content Statements – Civil Involvement 1, 2; Civic Participation and Skills 3, 4; Basic Principles of the Constitution 5-13; Structure and Functions of the Federal Government 14, 15; Roles of the People 16, 17; Public Policy 21, 22.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Junior standing

**AMERICAN GOVERNMENT B** – This required junior course examines the role and function of the Supreme Court, how the State of Ohio acts within the framework of the U.S. Constitution and extends powers and functions to local governments, and how the actions of government play a major role in the flow of economic activity. Successful completion of this course will require students to demonstrate proficiency in the following Ohio Academic Learning Standards in Social Studies: American Government Content Statements – Civil Involvement 1, 2; Civic Participation and Skills 3, 4; Basic Principles of the Constitution 5, 7; Structure and Functions of the Federal Government 14, 15; Roles of the People 16, 17; Ohio’s State and Local Governments 18 – 20; Government and the Economy 23, 24.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Junior standing

**ECONOMICS** – This required senior course examines major topics in micro and macro economics. Students will study the role of government in the market system, monetary policy, the banking system and international economics. This course is required for graduation. Successful completion of this course will require students to demonstrate proficiency in the following Ohio Academic Content Standards in Social Studies: People in Societies 11-12 - (Benchmarks A, B, C); Economics 11-12 - (Benchmarks A, B, C, D, E); Government 11-12 - (Benchmarks A, B, C; Social Studies Skills and Methods 11-12 - (Benchmarks A, B, C, D).

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Junior standing

## WORLD LANGUAGE COURSES

**FRENCH I A** This course is designed to teach students how to communicate in French, both in person and via technology. Successful completion of this course will require students to demonstrate a competency level of Novice-Mid according to American Council on the Teaching of Foreign Languages (ACTFL) in the following Ohio World Language Standards: 1. use interpretive, interpersonal and presentational communication skills 2. gain and use knowledge and understanding of other cultures.

CREDIT OFFERED: One-half credit

PRE-REQUISITES: A working knowledge of English grammar and phonetics. At least a "C" average in English is recommended.

**FRENCH I B** This course is designed to teach students how to communicate in French, both in person and via technology. Successful completion of this course will require students to demonstrate a competency level of Novice-Mid according to American Council on the Teaching of Foreign Languages (ACTFL) in the following Ohio World Language Standards: 1. use interpretive, interpersonal and presentational communication skills 2. gain and use knowledge and understanding of other cultures.

CREDIT OFFERED: One-half credit

PRE-REQUISITES: C or higher in French 1A

**FRENCH II A** -This course is designed to teach students how to communicate in French, both in person and via technology. Successful completion of this course will require students to demonstrate a competency level of Novice-High according to American Council on the Teaching of Foreign Languages (ACTFL) in the following Ohio World Language Standards: 1. use interpretive, interpersonal and presentational communication skills 2. gain and use knowledge and understanding of other cultures.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: C or higher in French I B

**FRENCH II B** This course is designed to teach students how to communicate in French, both in person and via technology. Successful completion of this course will require students to demonstrate a competency level of Novice-High according to American Council on the Teaching of Foreign Languages (ACTFL) in the following Ohio World Language Standards: 1. use interpretive, interpersonal and presentational communication skills 2. gain and use knowledge and understanding of other cultures.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: C or higher in of French II A

**FRENCH III A** This course is designed to teach students how to communicate in French, both in person and via technology. Successful completion of this course will require students to demonstrate a competency level of Intermediate Low according to American Council on the Teaching of Foreign Languages (ACTFL) in the following Ohio World Language Standards: 1. use interpretive, interpersonal and presentational communication skills 2. gain and use knowledge and understanding of other cultures.

CREDIT OFFERED: One-half credit (weighted)

PRE-REQUISITE: C or higher in French II B

**FRENCH III B** - This course is designed to teach students how to communicate in French, both in person and via technology. Successful completion of this course will require students to demonstrate a competency level of Intermediate Low according to American Council on the Teaching of Foreign Languages (ACTFL) in the following Ohio World Language Standards: 1. use interpretive, interpersonal and presentational communication skills 2. gain and use knowledge and understanding of other cultures.

CREDIT OFFERED: One-half credit (weighted)

PRE-REQUISITE: C or higher in French III A

**FRENCH IV A** This course is designed to teach students how to communicate in French, both in person and via technology. Successful completion of this course will require students to demonstrate a competency level of Intermediate-Mid according to American Council on the Teaching of Foreign Languages (ACTFL) in the following Ohio World Language Standards: 1. use interpretive, interpersonal and presentational communication skills 2. gain and use knowledge and understanding of other cultures.

CREDIT OFFERED: One-half credit (weighted)

PRE-REQUISITE: C or higher in French III B

**FRENCH IV B** - This course is designed to teach students how to communicate in French, both in person and via technology. Successful completion of this course will require students to demonstrate a competency level of Intermediate-Mid according to American Council on the Teaching of Foreign Languages (ACTFL) in the following Ohio World Language Standards: 1. use interpretive, interpersonal and presentational communication skills 2. gain and use knowledge and understanding of other cultures.

CREDIT OFFERED: One-half credit (weighted)

PRE-REQUISITE: C or higher in French IV A

**FRENCH V A** - This course provides advanced opportunities for students to continue their language learning. Class content varies by group, and includes a variety of topics such as film, food, literature, and current events in the Francophone world. Successful completion of this course will require students to demonstrate a competency of Intermediate Mid according to American Council on the Teaching of Foreign Languages (ACTFL) in the following Ohio World Language Standards: 1. use interpretive, interpersonal and presentational communication skills and 1. gain and use knowledge and understanding of other cultures

CREDIT OFFERED: One-half credit

PRE-REQUISITES: C or higher in French IV (B)

**FRENCH V B** This course provides advanced opportunities for students to continue their language learning. Class content varies by group, and includes a variety of topics such as film, food, literature, and current events in the Francophone world. Successful completion of this course will require students to demonstrate a competency of Intermediate Mid according to American Council on the Teaching of Foreign Languages (ACTFL) in the following Ohio World Language Standards: 1. use interpretive, interpersonal and presentational communication skills and 1. gain and use knowledge and understanding of other cultures

CREDIT OFFERED: One-half credit

PRE-REQUISITES: C or higher in French V (A)

**SPANISH I A** - This course is designed to teach students how to communicate in Spanish, both in person and via technology. Successful completion of this course will require students to demonstrate a competency level of Novice-Mid according to American Council on the Teaching of Foreign Languages (ACTFL) in the following Ohio World Language Standards: 1. use interpretive, interpersonal and presentational communication skills 2. gain and use knowledge and understanding of other cultures.

CREDIT OFFERED: One-half credit

PRE-REQUISITES: A working knowledge of English grammar and phonetics. At least a "C" average in English is recommended.

**SPANISH I B** This course is designed to teach students how to communicate in Spanish, both in person and via technology. Successful completion of this course will require students to demonstrate a competency level of Novice-Mid according to American Council on the Teaching of Foreign Languages (ACTFL) in the following Ohio World Language Standards: 1. use interpretive, interpersonal and presentational communication skills 2. gain and use knowledge and understanding of other cultures.

CREDIT OFFERED: One-half credit

PRE-REQUISITES: C or higher in Spanish I A

**SPANISH II A** This course is designed to teach students how to communicate in Spanish, both in person and via technology. Successful completion of this course will require students to demonstrate a competency level of Novice-High according to American Council on the Teaching of Foreign Languages (ACTFL) in the following Ohio World Language Standards: 1. use interpretive, interpersonal and presentational communication skills 2. gain and use knowledge and understanding of other cultures.

CREDIT OFFERED: One-half credit

PRE-REQUISITES: C or higher in Spanish I B

**SPANISH II B** This course is designed to teach students how to communicate in Spanish, both in person and via technology. Successful completion of this course will require students to demonstrate a competency level of Novice-High according to American Council on the Teaching of Foreign Languages (ACTFL) in the following Ohio World Language Standards: 1. use interpretive, interpersonal and presentational communication skills 2. gain and use knowledge and understanding of other cultures.

CREDIT OFFERED: One-half credit

PRE-REQUISITES: C or higher in Spanish II A

**SPANISH III A** - This course is designed to teach students how to communicate in Spanish, both in person and via technology. Successful completion of this course will require students to demonstrate a competency level of Intermediate-Low according to American Council on the Teaching of Foreign Languages (ACTFL) in the following Ohio World Language Standards: 1. use interpretive, interpersonal and presentational communication skills 2. gain and use knowledge and understanding of other cultures.

CREDIT OFFERED: One-half credit (weighted)

PRE-REQUISITES: C or higher in Spanish II B

**SPANISH III B** This course is designed to teach students how to communicate in Spanish, both in person and via technology. Successful completion of this course will require students to demonstrate a competency level of Intermediate-Low according to American Council on the Teaching of Foreign Languages (ACTFL) in the following Ohio World Language Standards: 1. use interpretive, interpersonal and presentational communication skills 2. gain and use knowledge and understanding of other cultures.

CREDIT OFFERED: One-half credit (weighted)

PRE-REQUISITES: C or higher in Spanish III A

**SPANISH IV A** - This course is designed to teach students how to communicate in Spanish, both in person and via technology. Successful completion of this course will require students to demonstrate a competency level of Intermediate-Mid according to American Council on the Teaching of Foreign Languages (ACTFL) in the following Ohio World Language Standards: 1. use interpretive, interpersonal and presentational communication skills 2. gain and use knowledge and understanding of other cultures.

CREDIT OFFERED: One-half credit (weighted)

PRE-REQUISITES: C or higher in Spanish III B

**SPANISH IV B** - This course is designed to teach students how to communicate in Spanish, both in person and via technology. Successful completion of this course will require students to demonstrate a competency level of Intermediate-Mid according to American Council on the Teaching of Foreign Languages (ACTFL) in the following Ohio World Language Standards: 1. use interpretive, interpersonal and presentational communication skills 2. gain and use knowledge and understanding of other cultures.

CREDIT OFFERED: One-half credit (weighted)

PRE-REQUISITES: C or higher in Spanish IV A

### INTER-DISCIPLINARY PROGRAM

**INTERVENTION** -. This academic assistance program is a semester length class designed for those students identified by the school as in need of extra help in passing the core academic courses English, math, science and social studies required for graduation and/or the Ohio State Tests. Students will also engage in activities that promote critical thinking, positive scholarship, and lifelong learning be coached on various comprehension, note taking, organization, and test preparation skills. For the identified students, participation in this program is not optional but is mandatory requires that the student be able to take direction and put introduced skills into practice. The grade will be in a pass/fail satisfactory / unsatisfactory format

CREDIT OFFERED: One-half credit per semester

PRE-REQUISITE: In good standing for both attendance and behavior

**CREDIT RECOVERY** -This is a unique educational program at Brookside High School that provides an opportunity for students who are deficient in credits or courses to make up missing work by using the PLATO educational program. The purpose of this program is credit recovery, so students can graduate. Students are selected for participation based on number of credits already earned (12 minimum), consistent work in the regular class environment and attendance.

CREDIT OFFERED: Credit determined by the completion of classes

PRE-REQUISITE: Recommendation from counselor