

Brookside High School

Curriculum Guide

2016-2017



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 guidance 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 intelligent 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 his/her guidance counselor to develop a course schedule. Please feel free to contact the guidance office if you have questions concerning the scheduling of your child. The phone number for the guidance office is (440) 949-4223.

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 his/her 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 his or her individual potential, so that he/she may function as a reasoning member of the community and achieve satisfaction in his/her own personal life.

Objectives:

1. to provide education for each student according to his/her 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 his/her responsibilities as well as his/her 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 2019	To the 10th grade – 5.5 credits
For the Class of 2018	To the 11th grade – 11 credits
For the Class of 2017	To the 12th grade – 17 credits

BROOKSIDE HIGH SCHOOL GRADUATION REQUIREMENTS

CARNEGIE UNITS OF ACADEMIC CREDIT

Graduation Requirements which include all
State of Ohio Requirements

A student may petition the principal for a
review of his or her credentials in order to
determine the grade level placement.

Class	Credits
2017	23
2018	23
2019	23
2020	23

COURSE REQUIREMENTS: Classes of 2017, 2018, 2019 and 2020

The following courses are required for graduation:

Courses	Credits		Courses
	At BHS	Alternative	
Financial Literacy	(.5 Class)		*Personal Finance or Economics (required for students not taking American Government)
Language Arts	4	4	English 9 A & B, English 10 A & B, and United States Literature A & B. Seniors must take 1 credit of English in the Senior year
Mathematics	4	4	Of these requirements a student must earn 1 unit of credit each in Algebra or Int. Math 1, Int. Math 2 and Int. Math 3 or the equivalent
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 (.5 for the JVS) in American History .5 unit of credit in Government and .5 unit of credit in Economics (class of 2017) 1 credit American Government/.5 for the JVS (class of 2018 and beyond)
Health and Physical Education	1	1	Must include .5 unit of credit each of Health and Physical Education
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 foreign language, fine arts, business, technology, career technical or additional classes from areas listed above

STATE TESTING and DIPLOMA GRADUATION REQUIREMENTS

For the class of 2016-2017, passage of all five parts of the Ohio Graduation Test (OGT) is required for graduation. This test is based on the benchmarks for the end of 10th grade as identified in the new Ohio Academic Content Standards. These benchmarks are located at:

http://www.ode.state.oh.us/academic_content_standards. Then click on the respective tab for each core subject area: English Language Arts, Mathematics, Science, and Social Studies.

Beginning with the Class of 2018 or those becoming 9th graders on or after July 1, 2014, state law requires that all students complete seven end of course tests. The courses are algebra 1, geometry (or integrated math I and math II, American history, American Government, English I and English II and Biology. Students studying state-approved Advanced Placement (AP) or college-level courses in biology, American history or American government may take special tests for those courses in place of the end-of-course tests. Students will also earn a diploma through one of three options: earn 18 points on state tests, receive a college readiness score on a national test (such as the ACT or SAT taken during 11th grade) or receive an industry certification and a work-readiness score on WorkKeys.

The Ohio Graduation Test will not be required.

COMMUNITY SERVICE and the 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 Guidance Office by the end of the 3rd 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 g.p.a. by the end of the 3rd 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.

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.

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 that shall include 1 credit each of Physical Science, Life Science, Chemistry and Physics;
4. four credits of Social Studies that shall include 1 credit each of American History and American Government;
5. either three credits of one Foreign Language or two credits each of two Foreign 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 1210 on the Scholastic Achievement Test (SAT) with no regard for its new writing portion (This maintains the two scores' comparability as qualifying criteria).

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 that shall include 1 credit each of American History and American Government;
5. four credits of Career-Technical minimum. Program must lead to an industry recognized credential, apprenticeship, or be part of an articulated career pathway which can lead to post secondary credit;
6. 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;

7. Achieve proficiency benchmark established for appropriate Ohio Career-Technical Competency Assessment or equivalent;
8. Obtain a composite score of 27 on the American College Testing (ACT) tests or an equivalent composite score of 1210 on the Scholastic Achievement Test (SAT).

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 Guidance 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 four-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 by 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. passed all 5 parts of the Ohio Graduation Tests prior to application class of 2017; complete 7 end of course exams earning 18 points or receive college readiness scores on national test or receive industry certification and a work readiness score class 2018 and beyond.
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 (1st 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 as a result 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

For a student to pass a course two conditions must be met:

- (1) The student must pass two out of the following three categories: first 9 week grade, second 9 week grade, and final exam grade; failure to take the final exam is considered “Flagrant Decline” and a student will automatically fail the course regardless of prior quarter grades.
- (2) The final semester grade for the course must be a minimum 1.0 grade point average.

On a 4.0 grade point average scale, each 9-week course grade of a semester is 40% of the final course grade and the final exam course grade is 20% of the final course grade. With two 9-week grading periods per semester, together the two 9-weeks course grades represent 80% of the final course grade. The chart below shows the 9-weeks’ and final exam grades necessary to pass and receive credit for a course.

1 st 9 wk Grade	2 nd 9 wk Grade	Lowest Final Exam Grade Necessary to Pass
F	F	Failed
F	D	B
F	C	D
F	B or higher	D
D	F	B
D	D	D
D	C or higher	Any Grade
C	F	D
C	D or Higher	Any Grade
B	F	D
B	D or Higher	Any Grade
A	F	D
A	D or Higher	Any Grade
2 X	2 X	1 X = Total Points

Divide “Total Points” by “5” -- A “1” point minimum answer (1.0 g.p.a.) for passing with no “Flagrant Decline”.

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 guidance 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: develop a 5 year plan, explore career interests and post secondary options. Students throughout Ohio have access to an online career planning tool to document activities and experiences - 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.

OhioMeansJobs K-12: The place to plan your future!!!!

Students at Brookside will be using Naviance. *“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 options.

COLLEGE CREDIT PLUS AND CARDINAL COLLEGE

The College Credit Plus Program (formally known as the Post Secondary Enrollment Options Program) has been established in Ohio to permit qualified high school students, seventh through twelfth graders, 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. Brookside High School's **Cardinal College** is a partnership with Lorain County Community College. 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 costs.

We ask that parents or guardians attend an informational meeting held in February of the preceding college school year.

Accepted students are responsible for completing course registration forms with their high school counselor before they can enroll in any college courses. To qualify for admission, the student must also be college ready as demonstrated on the college/universities accepted entrance exam. Lorain County Community College accepts the Compass test or ACT/SAT scores

Students who withdraw or earn an “F” in any College Credit Plus Course (held either at the college or at Brookside High School’s Cardinal College) will be charged the full cost of the course. The cost is the college/university’s hourly rate. Paid to Brookside High School.

Guidelines

1. Program Eligibility: Seventh through twelfth grader. All requirements that the college or university requires for admission. LCCC requires Compass or ACT/SAT test scores to be college ready.

THE STUDENT MUST MAINTAIN THE COLLEGE or UNIVERESITY’S REQUIRED GPA TO CONTINUE IN THE PROGRAM

2. Financial Arrangements

- Tuition and books covered by the school.
- Books MUST be returned to LCCC or the high school.
- Student will be charged the cost of the course if he/she WITHDRAWS from the course.
- Student will be charged the full cost of the course if he/she **FAILS** the course for any reason. This is for all courses taken either at LCCC or at BHS.

3.. Academic Credits

- College Credit Plus classes are weighted for A’s or B’s (same as honors and adv. Brookside classes).
- Averaged in high school GPA.

5. Transportation

- Student must make arrangements.

6. Support Services

- Work with LCCC.

7. Scheduling

- Must take the Compass tests at LCCC or take the SAT/ACT.
- BHS will work with the student on an individual basis to meet all graduation requirements.
- BHS will work around college schedule whenever possible.
- Transfer Module Courses Recommended.
- MUST meet with an LCCC advisor.
- Dropping a course can be a problem with BHS schedule.

9. Graduation Requirements

- All must be met.
- Can take courses at LCCC or BHS

10. Academic and Social Responsibilities

- Students are responsible for seeking help at the college level.
- Students may still participate in high school activities.

11. Encourage Students Eligible to Participate

- Must sign Intent to Participate form by APRIL 1st
- Must return application BEFORE May 31st (We ask for it to be turned in by **May 15** to help with scheduling and correcting any errors before the end of the school year)

Fail/Withdraw Billing Notification

I understand that by failing/withdrawing from the following course(s) I will be charged for the course at the rate the college/university bills the school.

Course(s): _____

Student

Parent

School Representative

Date

Billing Information: Watch for POSTED dates at the school

- Schedule Adjustments or Drops NO charge (through LCCC)
- 80% refunded (student charged 20%)
- 40% refunded (Student charged 60%)
- NO refund (Student charged full amount)



Cardinal College

**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.

9th Grade

HS Credit	HS Course	LCCC Course	Staff	College Credit
1	English 9			
1	CCM1 or CCM2			
1	Science			
1	Foreign 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
6.75				6

10th Grade

HS Credit	HS Course	LCCC Course	Staff	College Credit
1	English 10			
1	CCM 2 CCM 3			
1	Science	BIOG 151: General Biology BIOG 121: Anatomy and Physiology	Christine Whyde	4 4
1	Social Studies	HSTR 161: United States I HSTR 162: United States II	Bryan Evans	3 3
1	Foreign Language			
1	Elective	BADM 155: Intro. to Business Administration CGSD 120: Intro Comp Games and Sim Design	Tandi Fritz Kevin Landis	3 3
1	Elective			
7				20

Brookside High School 15/30 credit hour pathway

11th 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		Marcus Whiteamire	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	Rowbotham	5 (4)
1	AP Government	PLSC 156: American National Govt.	AP Government	Evans	3
1	Foreign Language				
2	Elective				
7					11

12th Grade

HS Credit	HS Course	LCCC Course	Staff	College Credit
1	English 4	ENGL 255: Introduction to Fiction ENGL 257 Intro to Drama	Marcus Whiteamire	3 3
1	Math 4	MTHM 168: Statistics MTHM 171: College Algebra	Tom Fries	3 4
1	Science			
1	Social Studies	PSYH 151: Introduction to Psychology	On-line	3
1	Foreign Language	SPNH 251: Intermediate Spanish I SPNH 252: Intermediate Spanish II	Julie Kinnear	3 3
.5	Personal Finance	ECNM 113: Personal Finance	Tandi Fritz	3
1	Elective	ARTS 243 Art History I ARTS 442 Art History II	Kelsen Barber	3 3
.5	Elective			
7				31

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 school 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 JOINT VOCATIONAL CENTER

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

Application to attend the Vocational Center is made in the 2nd semester of the 10th grade year. Students considering the Vocational Center should begin planning in the 9th grade and should contact a Guidance Counselor for further information. Applications are now on-line.

To avoid a Carnegie Unit of Academic Credit deficiency, the student should have completed the following in the 9th and 10th 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 L.C.J.V.C. 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 with permission from the building principal. Summer school, night school, college, correspondence school and optional courses available at the L.C.J.V.C. are alternate ways of making up credit deficiencies.

Any change in graduation course/credit requirements would reflect changes in either L.C.J.V.C. or Sheffield/Sheffield Lake City Schools policies or State of Ohio requirements. Enrollment in the L.C.J.V.C. may be limited and selection is based on grade point average (g.p.a.) and attendance. Information about recommended courses for specific vocational areas is available from the Guidance Counselors.

To view Career Offerings and Program Descriptions at the Lorain County JVS please schedule and appointment with your guidance counselor or go to the web site at www.lcjvs.com

COLLEGE TECH PREP PROGRAMS

College Tech Prep (CTP) programs are 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 home school for academics. The other ½ day is spent at the Lorain County JVS or LCCC (Project Lead the Way only). Specific “satellite” programs at Clearview, Firelands, and Steele high schools offer both academics and lab coursework at the same site. Brookside offers Industrial Design and Prototyping as the sophomore required course for the Pre-Engineering Program known as Project Lead The Way.

Learning in CTP 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 for College Tech Prep 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
- passage of all OGT tests
- Junior standing at the end of 10th grade
- Completion of Biology with a “B” or better (Allied Health Sciences only)

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.

Network Communications Technology (NCT): Provides the essential knowledge and skills for careers in computer information systems. Special emphasis is placed on network design, operation, and maintenance; with opportunities for professional certifications for software programs such as A+, Net+, and Cisco.

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 immediate 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 Foreign Language; (some colleges are emphasizing three 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

VALEDICTORIAN / SALUTATORIAN

Eligibility for Valedictorian and Salutatorian will be based on cumulative grade point average and length of time enrolled at Brookside High School. A student must be enrolled 3 full semesters prior to the decision date and each student's cumulative grade point average will be calculated based on The Sheffield/Sheffield Lake City School District Board of Education policy.

COURSE FEES

The 2016-2017 school-year course fees are listed below. The amounts may change by the start of the school year due to changes in vendor pricing.

Course	Fee 2016-17	Department
Art I Drawing Fundamentals	\$20.00	Art
Art II Color Fundamentals	\$20.00	Art
Art II Media Exploration	\$20.00	Art
Classical Design I (Academic Art)	\$20.00	Art
Classical Design II	\$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
Printmaking	\$20.00	Art
Accounting 1 A	\$32.00	Business
Business Management	\$5.00	Business
Business Math	\$25.00	Business
Entrepreneurship	\$6.00	Business
Personal Finance	\$6.00	Business
Sports & Entertainment Mktg	\$5.00	Business
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	\$20.00	Family Consumer Science
Interior Design Furnishings and Manag.	\$20.00	Family Consumer Science
Textile Design, Construction and Maint.	\$20.00	Family Consumer Science
Honors US Lit A	\$28.00	Language Arts
Honors US Lit B	\$37.00	Language Arts
English 10 A	\$37.00	Language Arts
English 10 B	\$19.00	Language Arts
English 9 A	\$11.50	Language Arts
English 9 B	\$16.00	Language Arts
Honors English 10 A	\$37.00	Language Arts
Honors English 10 B	\$19.00	Language Arts
Honors English 9 A	\$11.50	Language Arts
Honors English 9 B	\$22.00	Language Arts
US Literature A	\$28.00	Language Arts
US Literature B	\$21.00	Language Arts
AP Computer Science Principles	Exam Cost	Comp Science/Technology
3D Modeling	\$10.00	Comp Science/Technology
Multimedia and APPS	\$15.00	Comp Science/Technology
Robotics	\$25.00	Comp Science/Technology
Spanish I A	\$12.00	World Languages
Spanish II A	\$12.00	World Languages
Spanish III A	\$22.00	World Languages
Spanish IV A	\$18.00	World Languages

Course	Fee 2016-17	Department
All Math Classes A section	\$3.00	Mathematics
Marching Band	Various Costs	Music
Marching Band Participation	\$100.00	Music
Concert Band	\$10.00	Music
Choir A	\$10.00	Music
Choir B	\$10.00	Music
Chorale A	\$15.00	Music
Chorale B	\$15.00	Music
Advanced Physical Education	Various Costs	Physical Education
Anatomy/Physiology	\$15.00	Science
Astronomy	\$8.00	Science
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	\$40 + Exam Cost	Science
Environmental Issues	\$12.00	Science
Forensic	\$10.00	Science
Geology	\$8.00	Science
Physical Science A	\$8.00	Science
Physical Science B	\$8.00	Science
Physics A	\$8.00	Science
Physics B	\$8.00	Science
AP Physics	\$40 + Exam Cost	Science
Contemporary World Issues	\$6.00	Social Studies
Modern World History A	\$6.00	Social Studies
Modern World History B	\$6.00	Social Studies
Psychology	\$8.00	Social Studies
American Government A	\$6.00	Social Studies
American Government B	\$6.00	Social Studies
AP Government	Exam Cost	Social Studies
Naviance	\$2.00	Student Fee
Locker Fee	\$3.00	Student Fee
Parking Pass	\$30.00	Student Fee
Student Planner	\$3.00	Student Fee
PSAT 10 Test	\$15.00	Testing Fee
PAST Test	\$15.00	Testing Fee
PSAT 8/9 Test	\$10.00	Testing Fee
Practice ACT test	\$17.00	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 Modern World History B
1 credit of Language Arts - Assigned to proper class by teacher recommendation	English 9 A & B
1 credit of Algebra I or 1 credit Integrate Math II (assigned to proper class by teacher recommendation)	Algebra I A & B Integrated Math II A & B
1 credit of Science	Biology A Biology 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 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 UNITS OF ACADEMIC CREDIT**

1 credit of Social Studies	U.S. History A U.S. History B
1 credit of Language Arts - Assigned by recommendation	English 10 A & B
1 credit Integrated Mathematics (assigned to proper class by teacher recommendation)	Integrated Math II A & B Integrated Math III A & B
1 credit of Science	Physical Science A Physical Science 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 credits of a Foreign 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
1 credit of Language Arts - Assigned by recommendation	U.S. Literature A & B
1 credit of Mathematics – Assigned by recommendation	Integrated III or 2 other elective 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	Principles of Democracy and Economics are Required Class of 2017 Class of 2018 and beyond: 1 elective credit in 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 8th 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

PRINT MAKING - This class will introduce the student to a variety of printmaking techniques including relief prints, collagraphs, drypoints, and silkscreening. Students will utilize their drawing and color theory skills to explore a variety of technical and aesthetic issues.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Successful completion of Art I Drawing Fundamentals and Art II Color Fundamentals.

CLASSICAL DESIGN I - Classical Design I introduces the student to the basic course of artistic study as it was structured under the French Academy. Topics include Bargue Drawing, Sight Size Drawing, Compositional Studies, Cast Drawing, Ornamental Design and Art History lessons specific to aesthetic goals of the course. This rigorous drawing based course helps the student increase their level of craftsmanship and introduces them to classical aesthetics.

Credit Offered: One-Half Credit

Pre-Requisite: Successful Completion of Drawing Fundamentals, Color Fundamentals, and Media Exploration.

CLASSICAL DESIGN II - Classical Design II builds upon and expands from the experiences from Classical Design I. Topics include Cast Painting in Oil, Color studies of Master works, three- dimensional ornamental design, and original works illustrating Classical aesthetics. This class further develops the student's technical skill and provides the opportunity to utilize a variety of techniques and concepts to solve artistic questions.

Credit Offered: One-Half Credit

Pre-Requisite: Successful Completion of Classical Design 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

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

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

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

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 manufacturin 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 II 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

ONLY OFFERED IN THE SPRING SEMESTER

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

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

ONLY OFFERED IN THE FALL SEMESTER

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

DIGITAL CITIZENSHIP: - This is an introductory level, hands-on course that helps students understand how to use technology appropriately. Major topics include Respect for Self and Others, Digital Education and Connection, and Digital Safety and Protection. 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

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

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

INTERNET & APPS - 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

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 (Video and Sound) - 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 one-time, semester class for students with no previous VIDEO PRODUCTION experience.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Teacher recommendation required

ADVANCED VIDEO PRODUCTION A & B (Video and Sound) - 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, possible AP Credit

PRE-REQUISITE: Successful completion of 2+ Computer Science & Technology courses

FAMILY & CONSUMER SCIENCE COURSES

PRINCIPLES OF FOOD 091205 – 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.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Freshman standing

GLOBAL FOODS 091210 – 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.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Culinary Fundamentals/Healthy and Safe Foods 1

RATS (REACTION, APPEARANCE, TASTE & SMELLS) FOOD SCIENCE 091215: 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.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Culinary Fundamentals/Healthy and Safe Foods 1

CULINARY FUNDAMENTALS 091220 – 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 and RATS.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Freshman standing

NUTRICIAN and WELLNESS 091225 – 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.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Freshman standing

PERSONAL WELLNESS and DEVELOPMENT 091225 – 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.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Freshman standing

HUMAN GROWTH and DEVELOPMENT 093015 – 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.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Freshman standing

CHILD DEVELOPMENT 091025 – 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.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Freshman standing

INTERIOR DESIGN AND TEXTILES 091501 - 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.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Freshman standing

INTERIOR DESIGN, FURNISHINGS AND MANAGEMENT 091500 - 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.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Freshman standing

TEXTILE (FABRIC) DESIGN, CONSTRUCTION AND MAINTENANCE 091505 - 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.

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, along with British Literature 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 A

ENGLISH 9 A HONORS - 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

ENGLISH 9 B HONORS - 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 English 9 A Honors

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 9A and English 9B

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 10A

ENGLISH 10 A HONORS – 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 English 9 B Honors

ENGLISH 10 B HONORS - 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 English 10 A Honors

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 9B

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 9B

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 9B

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 9B

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 9B

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

UNITED STATES LITERATURE 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 10B

UNITED STATES LITERATURE 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 US Literature

UNITED STATES LITERATURE A HONORS - 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

UNITED STATES LITERATURE B HONORS - 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

BRITISH LITERATURE - In this course students will study the history and culture that influenced English literature from the Anglo-Saxon period through the twentieth century; read and discuss related fiction, poetry, nonfiction, and drama from the masterpieces of English literature; and express ideas through oral discussion and original writings. 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 (Weighted Grade)

PRE-REQUISITE: Successful completion of all required English 9, 10 and U.S. Literature courses

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 United States Literature 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 U.S. Literature 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 Algebra I and Integrated Mathematics II courses are offered at two levels – General and Honors. The honor levels, along with the courses of Pre-Calculus A & B, and 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

INTEGRATED MATHEMATICS IIA This course will focus on the following topics: 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: N.RN.1, N.RN.2, N.RN.3, N.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.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: Successful completion of Integrated Math IB

INTEGRATED MATHEMATICS IIB— This course will focus on the following topics: Understand independence and conditional probability and use them to interpret data. Use the rules of probability to compute probabilities of compound events in a uniform probability model. Use probability to evaluate outcomes of decisions. Understand similarity in terms of similarity transformations. Prove geometric theorems. Prove theorems involving similarity. Use coordinates to prove simple geometric theorems algebraically. Define trigonometric ratios and solve problems involving right triangles. Prove and apply trigonometric identities. Understand and apply theorems about circles. Find arc lengths and areas of sectors of circles. Translate between the geometric description and the equation for a conic section. Use coordinates to prove simple geometric theorem algebraically. Explain volume formulas and use them to solve problems. Successful completion of this course will require students to demonstrate proficiency in the following Ohio's New Learning Standards: S.CP.1, S.CP.2, S.CP.3, S.CP.4, S.CP.5, S.CP.6, S.CP.7, S.CP.8, S.CP.9, S.MD.6, S.MD.7, G.SRT.1, G.SRT.2, G.SRT.3, G.CO.9, G.CO.10, G.CO.11, G.SRT.4, G.SRT.5, G.SRT.6, G.SRT.7, G.SRT.8, F.TF.8, G.C.1, G.C.2, G.C.3, G.C.4, G.C.5, G.GPE.1, G.GPE.2, G.GPE.4, G.GMD.1, and G.GMD.3.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Successful completion of Integrated Math II A

HONORS INTEGRATED MATH IIA— The course content mirrors that of Integrated MATH IIA but will focus on a more rigorous curriculum. Successful completion of this course will require students to demonstrate proficiency in the following Ohio's New Learning Standards: N.RN.1, N.RN.2, N.RN.3, N.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.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 (Weighted Grade)

PRE-REQUISITE: Successful completion of integrated Math IB and teacher recommendation

HONORS INTEGRATED MATH IIB— The course content mirrors that of Integrated MATH IIB but will focus on a more rigorous curriculum. Successful completion of this course will require students to demonstrate proficiency in the following Ohio's New Learning Standards: S.CP.1, S.CP.2, S.CP.3, S.CP.4, S.CP.5, S.CP.6, S.CP.7, S.CP.8, S.CP.9, S.MD.6, S.MD.7, G.SRT.1, G.SRT.2, G.SRT.3, G.CO.9, G.CO.10, G.CO.11, G.SRT.4, G.SRT.5, G.SRT.6, G.SRT.7, G.SRT.8, F.TF.8, G.C.1, G.C.2, G.C.3, G.C.4, G.C.5, G.GPE.1, G.GPE.2, G.GPE.4, G.GMD.1, and G.GMD.3.

CREDIT OFFERED: One-half credit (Weighted Grade)

PRE-REQUISITE: Successful completion of Integrated Math IIA and teacher recommendation

INTEGRATED MATH IIIA This course will focus on the following topics: 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. 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 Integrated Math IIB

INTEGRATED MATH IIIB This course will focus on the following topics: Extend the domain of trigonometric functions using the unit circle. Model periodic phenomena with trigonometric function. Prove and apply trigonometric identities. 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. Summarize, represent, and interpret data on single count or measurement variable. Understand and evaluate random processes underlying statistical experiments. Make inferences and justify conclusions from sample surveys, experiments and observational studies. Use probability to evaluate outcomes of decisions. . Successful completion of this course will require students to demonstrate proficiency in the following Ohio's New Learning Standards: F.TF.1, F.TF.2, F.TF.5, F.TF.8, A.CED.1, A.CED.2, A.CED.3, A.CED.4, 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.4, S.ID.4, S.IC.1, S.IC.2, S.IC.3, S.IC.4, S.IC.5, S.IC.6, S.MD.6 and S.MD.7.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: Successful completion of Integrated Math IIIA

HONORS INTEGRATED MATH IIIA— The course content mirrors that of Integrated MATH IIIA but will focus on a more rigorous curriculum. 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 (Weighted Grade)

PRE-REQUISITE: Successful completion of Integrated Math IIB

HONORS INTEGRATED MATH IIIB – The course content mirrors that of Integrated MATH IIIB but will focus on a more rigorous curriculum. Successful completion of this course will require students to demonstrate proficiency in the following Ohio's New Learning Standards: F.TF.1, F.TF.2, F.TF.5, F.TF.8, A.CED.1, A.CED.2, A.CED.3, A.CED.4, 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.4, S.ID.4, S.IC.1, S.IC.2, S.IC.3, S.IC.4, S.IC.5, S.IC.6, S.MD.6 and S.MD.7.

CREDIT OFFERED: One-half credit (Weighted Grade)

PRE-REQUISITE: Successful completion of Integrated IIIA and teacher recommendation

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

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

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.

CALCULUS A - 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. 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).

CREDIT OFFERED: One-half credit (Weighted Grade)

PRE-REQUISITE: Successful completion of or concurrent enrollment in Pre-Calculus B.

CALCULUS B - This course continues the topics from Calculus A. 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 demonstrate proficiency in the following Ohio Academic Content Standards in Mathematics: 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 (Weighted Grade)

PRE-REQUISITE: Successful completion of Calculus A

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 A - 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

JAZZ BAND B - 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. The Jazz Band performs at a number of events. 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: Participation in Jazz Band A 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 August, 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: Sophomore standing

MUSIC HISTORY– 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: Sophomore standing

MUSIC THEORY A - 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

MUSIC THEORY B - Students learn about structure of music from four-part harmony to advanced harmony, and on to fundamentals of analyzing and writing counterpoint. Students are required to compose and perform several original pieces of music in the styles studied. 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-REQUISITE: Successful completion of Music Theory A

SYMPHONIC BAND I A (WIND ENSEMBLE A) - 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 sectional 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, table tennis, bowling, archery, badminton, shuffleboard, rope skipping, track, golf, tumbling, walking/jogging, horseshoes 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, canoeing, tennis handball, racquetball, orienteering/backpacking, cycling, fencing, fishing, cross country skiing, skating (ice and roller), archery, personal, defense, juggling, fencing, 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: Sophomore standing and completion of ½ credit of P.E.

Science Department Pathways

Listed below are three possible paths that students can utilize in order 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:

8th Grade: Honors Biology

Freshman: Chemistry/Advanced Chemistry

Sophomores – CC+ Biology (Cardinal College...must meet CC+ requirements)

Juniors- AP Chemistry

Senior- AP Physics

Pathway #2

Suggested for all college bound students:

Freshmen - Biology

Sophomore- 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.

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

Advanced Chemistry – recommendation required, B or higher in Biology and Integrated Math 2 (can be concurrent)

Anatomy and Physiology - C or Higher in Biology

AP Chemistry – B or Higher in General or Advanced Chemistry

AP Physics - Integrated Math II (B or higher)

Botany -- must have Biology A and B

Chemistry – C or higher in Biology or Integrated Math 2

Environmental Issues - must have Biology A and Biology B

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

Forensic Investigations- must have passed Physical Science and Biology

Forensics and the Law- must have passed Physical Science and Biology

Geology - must pass Physical Science and Biology

Physics - Integrated Math 2 (C or higher)

SCIENCE COURSES

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

BIOLOGY A- This laboratory science prepares students to take the state's End of Course Exam. It begins with the examination of the cell and the basic overview of how it functions within the organism. It includes an introduction to biochemical principles of living things including photosynthesis and respiration. 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- 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 (maybe taken in 8th grade)

PHYSICAL SCIENCE A - 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

PHYSICAL SCIENCE B - 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

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 Integrated Math 2. At least a "C" average in each required.

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

ADVANCED 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 Integrated Math 2; and with teacher recommendation.

ADVANCED 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), Integrated Math 2 (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 Integrated Math 2(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 year long 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: Integrated 2 (B or better)

ANATOMY AND PHYSIOLOGY - This elective laboratory science course is designed for students interested in taking a challenging, in-depth study of the structure and function of the human body. A systems approach is followed. Lab dissection of mammalian organs and the fetal pig is required.

CREDIT OFFERED: One-half credit (Weighted Grade)

PRE-REQUISITES: Junior standing and successful completion of one-credit of Biology

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: Junior standing and 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: Junior standing and successful completion of one-credit of Biology

FORENSIC SCIENCE INVESTIGATIONS 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: two science credits earned

FORENSIC SCIENCE AND THE LAW - This course introduces students to the field of forensic science through an exploration of its applications to criminal investigations. Actual cases enable students to see the role of forensic science in criminal investigation, 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 introduction to the law, forensic history, and individual vs. class lawsuits, rules of evidence, fingerprints, impressions, trace evidence, forensic anthropology, and crime scene processing. Students enrolled in this course will complete a research paper along with an oral presentation using some type of multimedia.

CREDIT OFFERED: One-half credit

PRE-REQUISITE: two science credits earned.

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 and B and Physical Science A and 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, 19th 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

MODERN WORLD HISTORY Honors A - This course examines in-depth the principles of citizenship as well as absolutism, the Enlightenment, French Revolution, the Industrial Revolution, 19th 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; 8th grade Social Studies teacher recommendation and written pre-test

MODERN WORLD HISTORY Honors 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

PRE-REQUISITE: Freshman standing; 8th 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

ADVANCED PLACEMENT UNITED STATES GOVERNMENT AND POLITICS A & B - The AP version provides a more rigorous look at the 3 main branches of our American Government and the basis of each in the constitution. The constitution will be examined in depth and comparisons made with what our forefathers wrote and with how our government works today. Contemporary issues such as women's rights, immigration, and homosexual rights will be examined as to how the constitution is used to expand the civil rights of all Americans. Students who enroll in this course are required to take the AP exam in May. College level political science course.

CREDIT OFFERED: One-half credit per semester (Weighted Grade)

PRE-REQUISITE: Junior and 2016 Senior, 2.5 cumulative g.p.a., teacher recommendation and a reading pre-test

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: Senior standing

WORLD LANGUAGE COURSES

All third and fourth year levels of these courses are assigned weighted grades (additional .25 g.p.a. value for A and B letter grades only.)

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

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

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

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

PRE-REQUISITE: C or higher in French IV 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

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

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

PRE-REQUISITES: C or higher in Spanish III B

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

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 Graduation Test. 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

TECH AIDE - These students assist the District Technology Coordinator. Students will be given assignments and will be expected to complete them with minimal supervision. They are responsible to get assignments and report back to the District Coordinator.

CREDIT OFFERED: One-half credit per semester

PRE-REQUISITE: Students will be selected for participation via an interview process.

BROOKSIDE STUDENT ASSISTANT PERIOD - The students assigned to this period will be required to assist as needed. Students will be expected to work in the office, assist with community projects during this period, and follow through with any tasks that maybe assigned. This is not a study hall. The school administration will determine who will participate in this program. It is expected that Brookside students take a full schedule of courses unless a conflict arises or there are no appropriate courses available.