2020-2021

Course Descriptions Academic Options

Charles F. Brush High School



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Final for 2020-21 as of 3-18-2020 @9:30am (Guidance Dept./Dept Coords/KW/VM/fws)

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Mr. Karl Williamson	216-691-2068
Assistant Principals:	
Mr. Joseph Komperda	216-691-2079
Assistant Principal for Student Affairs, Grade 9	
Mr. Curtis Jackson, II	216-691-2079
Assistant Principal for Student Affairs, Grade 10	
Dr. Larraine Freeman Fuller, Ph. D	216-691-3477
Assistant Principal for Student Affairs, Grade 11	
Mr. Ron Johnson	216-691-3477
Associate Principal for Student Affairs, Grade 12	

School Counselors:

Mrs. Bridgette Johnson	
Grade 9	
Mr. Jessie Blasier	
Grade 10	
Ms. Sarah Ball	
Grade 11	
Ms. Christy Myers	
Grade 12 - Department Coordinator	

Social Worker:

Mrs. Shannon Carlson	
Mrs. Rachel Duber	
Technical Education Coordinator:	
Dr. Larraine Freeman Fuller, Ph. D	
Attendance Supervisor:	
Mrs. Brenda Wilson	
College and Career Readiness Coordinator	
Mr. Edmund Hall	
District Resource Coordinator	
Mr. Chet Mason	
Athletic Director:	
Mr. Robert Atwood	
Mr. Javier Collins, Asst. Athletic Director	

SOUTH EUCLID LYNDHURST CITY SCHOOLS 216-691-2000

Linda N. Reid – Superintendent *Veronica L. Motley, Ed. D.* – Assistant Superintendent

BOARD OF EDUCATION

Mrs. Cassandra Jones, President Ms. Erin Lee-Harris, Vice President Mr. Neil Bloomberg Mrs. Kathryn Falkenberg Mrs. Stefanie Rhine

SOUTH EUCLID LYNDHURST BOARD OF EDUCATION

MISSION STATEMENT

We educate, inspire and empower students to be high achieving contributing members of a global society.

CORE BELIEFS

We Believe...

- High expectations lead to high achievement
- Education must focus on academic, social, emotional, and physical needs of students
- Diversity strengthens and enriches our communities
- Students must take ownership of their education
- Education is the responsibility of the entire community
- Open and honest communication is critical to effective relationships
- The best education is achieved in a safe and stimulating environment
- The demands of the future and the lessons of the past shape our educational practices

VISION STATEMENT

SEL City Schools will be THE DESTINATION School Community.

EQUAL EDUCATIONAL OPPORTUNITIES

South Euclid Lyndhurst City Schools provide equal opportunities for all students to achieve their potential through educational programs and activities regardless of sex, race, color, religion, national origin, handicap, or social or economic background. Inquiries concerning equal educational opportunities may be referred to the Assistant Superintendent at 216-691-2007.

CHARLES F. BRUSH HIGH SCHOOL

The mission of Charles F. Brush High School is to help students acquire knowledge, skills and attitudes that will make them productive members of society.

TABLE OF CONTENTS

ACADEMIC OPTIONS/PLANNING

•	Mission Statement	. 3
•	Departmental Directory	
•	Requirements for Graduation Class of 2020 and Beyond	
•	Credit Flexibility	
•	Intervention and Enrichment	
•	Scheduling Reference Guide	9
•	Ohio Dept. of Ed. Requirements for Graduation	.13
•	Community Service	.13
•	Program of Studies	. 13
•	Honors/AP and Honors Courses	. 13
•	Advanced Placement Program/Examinations	.14
•	English as a Second Language (ESL)	14
•	Special Education	14
•	Gifted Education	15
•	Mayfield Excel TECC	.15
•	Foreign Exchange	16
•	New Students	.17
•	College Credit Plus/Academic Guidelines	.17
•	College Admissions Testing (SAT/PSAT/ACT)	.18
•	Grade Placement	
•	Grade Point Average Scale	.19
•	Pass/Fail Option	.19
•	Schedule Changes	19
•	Incompletes	.19
•	Withdrawal from a Class	19
•	Class Rank	.20
•	Diploma with Honors	.20
•	Honor Roll/Merit Roll	.20
•	National Honor Society	21
•	NAIA	.22
•	NCAA Eligibility Policy	23
•	Academic Activity Policy	25
•	Extra Curricular Clubs and Activities Offered	26
•	Athletics Intent to Participate Form	27

COURSE OF STUDIES

•	Overview	.28
•	Find Your Direction	-29

- Four -Year College Bound
- Two- Year College Bound
- Military Bound
- Workplace Bound

Description of Course Offerings

•	Fine Arts	
•	Consumer & Technical Education/Business	
•	Health & Physical Education	
•	Language Arts	
•	Summer Reading	44
•	Mathematics	
•	Music	
•	Science	61-68
•	Social Studies	69-76
•	World Languages	

COURSE REQUEST FORECASTING

Course Request Forecasting Sheets (Grades 9-12)

Appendices	(**IMPORTANT: Please carefully Review Appendix Documents**)
Appendix A	AP Course Expectations
Appendix B	

DEPARTMENTAL DIRECTORY

Our Department Coordinators are available to address any questions or concerns that may arise during course selection. Please feel free to make contact by phone or email:

<u>Fine Arts</u> :	216-691-2089
Mrs. April Lewis	lewis@sel.k12.oh.us
Consumer & Technical Education/Excel TECC:	216-691-3477
<i>Dr. Larraine Freeman Fuller, Ph.D.</i>	fullerlar@sel.k12.oh.us
Guidance:	216-691-2139
Ms. Christy Myers	myersc@sel.k12.oh.us
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Mrs. Jennifer Tatman	<u>tatman@sel.k12.oh.us</u>
Music:	216-691-2087
Mr. John Shamp	shamp@sel.k12.oh.us
Science:	216-691-2110
Mr. Robert James	james@sel.k12.oh.us
Social Studies:	216-691-2118
Mrs. Joan Kelly	kelly@sel.k12.oh.us
Special Education:	216-691-2090
Mr. Jeff Berenson	berenson@sel.k12.oh.us

ACADEMIC OPTIONS/PLANNING

Requirements for graduation for the Class of 2020 AND BEYOND

Course requirements for graduation from Charles F. Brush High School shall be the completion of twenty (20) units of credit

LANGUAGE ARTS	4 UNITS OF CREDIT
MATHEMATICS	4 UNITS OF CREDIT
SCIENCE	3 UNITS OF CREDIT
SOCIAL STUDIES	3 UNITS OF CREDIT
HEALTH	.50 UNITS OF CREDIT
PHYSICAL EDUCATION	.50 UNITS OF CREDIT
ELECTIVES	5 UNITS OF CREDIT

Language Arts - All Students must earn: 4 credits

All students in grades 9-12 must be enrolled in Language Arts courses included in the programs of College Preparatory, Honors, and Advanced Placement.

<u>Mathematics</u> - All students must earn: 4 credits (Must include Algebra 2 or equivalent of Algebra 2)

All math courses are considered to be College Preparatory/Honors, or Honors/Advanced Placement. Several courses are considered non math electives; these do not complete graduation requirements in math.

Science - All students must earn: 3 credits

All science courses are considered to be College Preparatory, Honors or Advanced Placement and must include 1 unit of physical sciences, 1 unit of life sciences and 1 unit of advanced study in one or more of the following sciences: chemistry, physics, or other physical science; advanced biology or other life science; physical geology, or other earth or space science.

Social Studies - All students must earn: 3 credits

Successful completion of World History, U.S. History, and Government is required in the programs of College Preparatory, Honors, or Advanced Placement.

Health - All students must earn: .50 credits

All students are expected to take one semester of Health.

<u>Physical Education</u> - All students must earn: .50 credits

All students are expected to complete one full year of Physical Education.

Electives - All students must earn: 5 credits

Credits must include at least one unit or two (.50) units of Fine Arts, Transitions and Career Readiness (11th grade), and College and Career Readiness (12th grade). Colleges will require 1 full unit in fine arts. All students must receive instruction in economics and financial literacy during grades 9-12 and must complete at least two semesters of fine arts taken any time in grades 9-12. Students following a career-technical pathway are exempted from *the Fine Arts requirement*.

SEL CREDIT FLEXIBILITY FOR STUDENTS IN GRADES 8 -12

Students may earn credits through:

- The completion of coursework;
- Testing out of or demonstrating mastery of course content or;
- Pursuing one or more educational options in accordance with the District's Credit Flexibility Plan.

Issuance of credit will be determined locally. School and students who choose educational options will pre-identify and agree on the learning outcomes. Credits earned through this alternative means will be reflected on students' transcripts in the same way as traditional credits earned via seat time. Please see our SEL website for more information.

INTERVENTION & ENRICHMENT

All students will be properly scheduled into an intervention/enrichment period. This time is designed to allow proper support for students in core subject areas, necessary remediation for AIR assessments, and other assessments including Advanced Placement courses. Topics covered will reflect core subject area material, as well as relevant information regarding student needs, such as grade matters, college application process, and state testing information.

Charles F Brush High School Scheduling Reference Guide Core Graduation Requirements

Core Graduation Requirements				
English	4 credits			
Mathematics	4 credits			
Science	3 credits			
Social Studies	3 credits			
Physical Education	.50 credit			
Health	.50 credit			
Fine Arts	1 credit			
Electives	5 credits			

College Entrance Recommendations

4 years of English
4 years of Math (including Algebra I, Algebra II, Geometry)
3-4 years of Science (including Biology, Chemistry, Physics)
3-4 years of Social Studies
2-3 years of Foreign Language
1 year of Fine, Applied or Performing Arts
Academic Pathways for the Class of 2023 and Beyond: STEM/Humanities/Health Sciences (See the following pages 10 - 12)

Scheduling Examples:

FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
English 9	English 10	English 11	English 12
World History	U.S. History	Government	Gov./SS elective
Math	Math	Math	Math
Science	Science	Science	Science
LUNCH	LUNCH	LUNCH	LUNCH
For. Lang. or Elective	For. Lang. or Elective	For. Lang. or Elective	For. Lang. or Elective
Physical Education (if necessary)	Health	Health or Elective	Health or Elective
Study Hall/Elective	Study Hall/Elective	Study Hall/Elective	Study Hall/Elective
Health			
Applied Reading /Math			

Common Sequences			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
Physical Science	Biology	Chemistry	Physics
Biology	Chemistry	Physics or Environ. Scien	nce
Algebra I	Geometry	Advanced Algebra II	Pre-Calculus
Geometry	Algebra II	Pre-Calculus	AP Calculus
World History	U.S History	American Gov.	Soc. Stud. Elective

Please refer to the Academic Pathways on the following pages.

<u>Humanities</u>

Humanities	ELA	Math	Science	Social Studies	Electives
9 th grade	English 9 Honors English 9	Algebra 1 Geometry Honors Geometry	Physical Science Biology Honors Biology	World Studies World Influences Honors World History	PE Boys /PE Girls Beginning Speech Advanced Speech Theater 1
10 th grade	English 10 Honors English 10	Honors Algebra 2 w/Trig Geometry Algebra 2 Advanced Algebra 2	Biology Honors Biology Chemistry Physics	US History American Studies AP US History	Health Education Beginning Speech Advanced Speech Theater 1 Theater 2
11 th grade	English 11 Honors English 11 American Literature	Geometry Advanced Algebra 2 Functions, Stats, & Trig. Honors Algebra 2 w/Trig Pre-Calculus Honors Analysis	Chemistry Physics Environmental Science	US Government AP European History Global Impact African Amer. History 1 African Amer. History 2 Civic Responsibility Human Relations Psychology	Beginning Speech Advanced Speech Theater 1 Theater 2 Writing for Success Creative Writing Introduction to Women's Literature Science Fiction and Fantasy Literature Transitions & Careers
12 th grade	English 12 British Literature AP English Literature Modern Literature	Functions, Stats, & Trig. Pre-Calculus Discrete Math Calculus	Chemistry Physics Environmental Science	AP US Government US Government AP Psychology Topical Issues Global Impact African Amer. History 1 African Amer. History 2 Civic Responsibility Human Relations	Beginning Speech Advanced Speech Theater 1 Theater 2 Writing for Success Creative Writing Introduction to Women's Literature Science Fiction and Fantasy Literature Career & College Readiness
	Two (2) credits of Foreign Language recommended but not required.	One (1) elective credit of Fine Arts is required by ODE for graduation.			

STEM

STEM	ELA	Math	Science	Social Studies	Electives
9 th grade	English 9 Honors English 9	Algebra 1 Geometry Honors Geometry	Physical Science Biology Honors Biology	World Studies World Influences Honors World History	PE Boys /PE Girls STEM: Introduction to Engineering STEM: Applied Engineering
10 th grade	English 10 Honors English 10	Honors Algebra 2 w/Trig Geometry Algebra 2 Advanced Algebra 2	Biology Honors Biology Chemistry Physics Honors Chemistry Honors Physics	US History American Studies AP US History	Health Education Computer Science STEM: Introduction to Engineering STEM: Applied Engineering
11 th grade	English 11 Honors Eng. 11 American Literature	Geometry Advanced Algebra 2 Functions, Stats, & Trig Honors Algebra 2 w/Trig Pre-Calculus Honors Analysis	Chemistry Physics Environmental Science AP Physics 1 AP Physics 2 AP Biology AP Chemistry	US Government AP Euro History African American History I (elective ¹ / ₂ credit) African American History II (elective ¹ / ₂ credit) Topical Issues (¹ / ₂ credit) The Other America (¹ / ₂ credit) Human Relations	Computer Science Anatomy & Physiology STEM: Introduction to Engineering STEM: Applied Engineering Transitions & Careers
12 th grade	English 12 British Lit. AP English Literature Modern Literature	Pre-Calculus Calculus AP Calculus AB AP Calculus BC AP Stats	Chemistry Physics Environmental Science AP Physics 1 AP Physics 2 AP Biology AP Chemistry	AP US Government US Government African American History I (elective ¹ / ₂ credit) African American History II (elective ¹ / ₂ credit) Topical Issues (¹ / ₂ credit) The Other America (¹ / ₂ credit) Human Relations (elective ¹ / ₂ credit)	Computer Science Anatomy & Physiology STEM: Introduction to Engineering STEM: Applied Engineering Career & College Readiness
	Two (2) credits of Foreign Language recommended but not required.	One (1) elective credit of Fine Arts is required by ODE for graduation.			

Health Sciences

HEALTH SCIENCES	ELA	Math	Science	Social Studies	Electives
9 th grade	English 9 Honors Eng. 9	Algebra 1 Geometry Honors Geometry	Physical Science Biology Honors Biology	World Studies World Influences Honors World History	PE Boys/PE Girls Sports Leadership Sport & Exercise Science Personal Wellness Fitness for Life Weight Training Strength and Conditioning
10 th grade	English 10 Honors Eng. 10	Honors Algebra 2 w/Trig Geometry Algebra 2 Advanced Algebra 2	Biology Honors Biology Chemistry Physics Honors Chemistry Honors Physics Computer Science	US History American Studies AP US History	Health Education Sports Leadership Sport & Exercise Science Personal Wellness Fitness for Life Weight Training Strength and Conditioning
11 th grade	English 11 Honors Eng. 11 American Literature	Geometry Adv. Algebra 2 Functions, Stats, & Trig. Honors Algebra 2 w/Trig Pre-Calculus Honors Analysis	Chemistry Physics Environmental Science AP Physics 1 AP Physics 2 AP Biology AP Chemistry Computer Science	US Government AP Euro History African American History I (elective ½ credit) African American History II (elective ½ credit)	Beginning Speech Sports Leadership Sport & Exercise Science Personal Wellness Fitness for Life Weight Training Strength and Conditioning Anatomy & Physiology Transitions & Careers
12 th grade	English 12 Cultural Influences British Literature AP English Literature Modern Literature	Pre-Calculus Calculus AP Calculus AB AP Calculus BC AP Stats Discrete Math	Chemistry Physics Environmental Science AP Physics 1 AP Physics 2 AP Biology AP Chemistry	AP USGovernment African American History I (elective ½ credit) African American History II (elective ½ credit) US Government	Beginning Speech Sports Leadership Sport & Exercise Science Personal Wellness Fitness for Life Weight Training Strength and Conditioning Anatomy & Physiology Career & College Readiness
	Two (2) credits of Foreign Language recommended but not required.	One (1) elective credit of Fine Arts is required by ODE for graduation.			

<u>Ohio Department of Education</u> Graduation Requirements:

Get Ready! It's Your Future!

Requirements for Graduation:

- It is the student's responsibility, along with their parent and/or guardian to see that requirements for graduation are met. Please refer to the Ohio Department of Education link below.
- The high school will make every effort to keep up-to-date records and to keep students and parents informed regarding the status of progress toward compiling the necessary coursework to meet the graduation requirements.
- However, it is the student's responsibility to be acquainted with and earn the necessary requirements to meet this goal.

<u>http://education.ohio.gov/getattachment/Topics/Ohio-s-Graduation-Requirements/Earning-an-Ohio-Hig</u> <u>h-School-Diploma-for-the-Cl-2/GradReq2021.pdf.aspx?lang=en-US</u>

COMMUNITY SERVICE FROM BRUSH HIGH SCHOOL

All students graduating from Charles F. Brush High School are required to complete 40 hours of community service or 10 hours for each year of attendance. To access the Community Service Form, go to Documents & Forms at <u>www.sel.k12.oh.us</u>.

PROGRAM OF STUDIES

Students are directed to a particular program based upon their past academic performance and their goals after high school. Students and parents must carefully select courses to ensure that enough credits required for graduation are earned in the program that will prepare the student to meet specific goals.

- Students enrolling in Honors and/or AP should meet certain criteria. Be sure to note each department's requirements and prerequisites for entrance as stated in each department's section of this Course Description Book.
- Students apply to a technical program through Mayfield Excel Technical Education Career Consortium when they forecast for their junior year. **Information regarding Mayfield Excel TECC can be found by accessing** <u>www.mayfieldschools.org/exceltecc_home.aspx</u>

HONORS/AP COURSES

Units of study present a variety of content incorporating students' interests. Instructional activities are abstract and complex, using upper levels of Bloom's Taxonomy.

HONORS COURSES

There is a wide range of Honors Courses reflected in each of the major discipline areas. Honors Courses, because of their academic rigor, are assigned a weighted grade contingent upon a semester grade of C or higher. Prerequisites exist for admission to Honors Courses.

ADVANCED PLACEMENT PROGRAM and EXAMINATIONS

Advanced Placement courses are offered in Biology, Chemistry, Physics, English, Government and Politics, U.S. History, European History, Psychology, Calculus AB, Calculus BC, Statistics, Studio Art & Drawing and Studio Art Photography. AP courses require students to work at a college freshman level. Because of the academic rigor, AP courses are assigned a weighted grade contingent upon a semester grade of C or higher. Scores on the exam, deemed acceptable by colleges, enable students to earn college credit. See each department section of this Course Description book for course descriptions, prerequisites, and admission requirements.

Students and parents should be sensitive to the demanding nature of Advanced Placement courses. Reading assignments for the classes are extensive. Students will be involved in college-level activities, particularly in writing and test-taking skills. Advanced Placement courses emphasize the student's self-motivation, study skills, and the ability to self-direct his or her own learning. Students enrolled in Advanced Placement course(s) are REQUIRED to take Advanced Placement Exam(s). To secure accurate numbers for ordering exams, students must identify and commit to exam(s) they will take prior to January 10th of each school year. Students who fail to take the exam(s) will lose the weighted credit associated with the course in which they did not test. South Euclid Lyndhurst Schools provides a **"buy one get one"** policy for students taking AP exams for students enrolled in multiple AP courses. This means that for every AP exam purchased by a student, they receive one exam at no cost. (Note: fee waivers/reductions are available for students who meet College Board and Federal criteria).

See the following chart:

One (1)Advanced Placement Course	Required to take ONE (1) Advanced Placement Exam:
	Student Pay for (1)Exam
Two (2)Advanced Placement Courses	Required to take TWO (2) Advanced Placement Exams:
	Student Pay for(1)Exam/BHS 1 Exam free
Three (3)Advanced Placement Courses	Required to take THREE (3) Advanced Placement Exams:
	Student Pay for (2)Exams/BHS 1 Exam free
Four (4) Advanced Placement Courses	Required to take FOUR (4) Advanced Placement Exams:
	Student Pay for (2)Exams/BHS 2 Exams free

ENGLISH as a SECOND LANGUAGE (ESL)/ENGLISH LANGUAGE LEARNERS (ELL)

The English as a Second Language Program is designed to meet the needs of students who are non-native speakers of English. All potential ESL students are tested by means of a variety of methods to determine their English proficiency level. Students are placed into all of their academic courses based on their educational history after discussion with the district ESL teacher, the Guidance Department, and parents/guardians. Grades earned will reflect Pass/Fail. Students who are very limited in their English proficiency are eligible to receive a "pass/fail" grade in their academic content courses. This qualification is determined on a case-by-case basis involving discussion among the ESL teacher, other classroom teachers, school counselors, parents, and the student.

SPECIAL EDUCATION

Brush High School is in compliance with federal and state laws which govern special education. The South Euclid Lyndhurst City Schools offer a continuum of services based on the individual needs of the student. Decisions regarding the IEP process occur in collaboration with the parent and the child's educational team. Students new to the district with an IEP must participate in a scheduling conference with a parent/guardian, administrator, counselor, and special education representative prior to receiving a schedule.

GIFTED EDUCATION

Students may qualify for Gifted Services in specific academic areas such as Reading/Writing or Math. Students who qualify for this program may be enrolled in honors and/or AP classes in grades 9-12. Students who are enrolled in Accelerated Courses and have been identified as Gifted in that content area will receive a Written Education Plan (WEP). The WEP serves as State level documentation that services are being provided via Accelerated Courses offered at Brush High School. Students may also qualify for a WAP (Written Acceleration Plan).

MAYFIELD EXCEL TECC

The South Euclid Lyndhurst School District belongs to a ten-district consortium known as Excel TECC (Technical Education Career Consortium). Excel TECC programs are designed to provide expanded options to all students. These include college preparatory, tech prep, school-to-work, and other educational learning opportunities. Through the close cooperation of school personnel, parents, and business and industry, students have exciting choices to grow, learn, and prepare themselves for the future. Technical program offerings are as follows:

(For detailed descriptions, please refer to <u>www.mayfieldschools.org/exceltecc_home.aspx</u>) Allied Health **Auto Collision Automotive Technology Business Academy CADD Engineering Technology Construction Trades** Cosmetology **Culinary Arts Digital Arts & Technology Environmental Education Fire/EMS Training Academy Interactive Media Intervention Programs ITP - Information Technology & Programming Licensed Practical Nursing** Marketing (Seniors ONLY) **Medical Assisting Medical Technologies** Performing Arts Academy Studio Art & Design **TEACH-Teacher Education And Children's Health** Welding Technologies

Career Technical Education

The Excel Technical Education Career Consortium programs are designed to provide expanded and additional educational options for all students. Excel TECC students represent a new wave of career technical education where schools are sending their best and brightest students to Excel TECC's various programs. There are 25 unique career technical programs spread over numerous career pathways and the results speak for themselves. Excel TECC has been recognized as the premier career technical education compact in the state of Ohio by Achieve. Over the past five years, students who have graduated from Excel TECC programs have earned over 50 million dollars in scholarship monies to colleges and universities. In fact, Excel TECC programs have over 900 college credits available to them through tech prep agreements and career technical credit transfer. Through their memberships in state Career Technical Student Organizations, Excel TECC students competed and won state championships and qualified for national competitions. Finally, over 95% of Excel TECC graduates go on to college, are immediately employed or enter the military. Please refer to the catalog at <u>www.mayfieldschools.org/exceltecc_home.aspx</u> to find out which is the best designed program for your ultimate success beyond high school.

FOREIGN EXCHANGE

Brush Student Participation:

Students who would like to consider a foreign exchange/study abroad program must make their request through their school counselor. This request must be made at least one semester in advance of the start date for the program. It is expected that students considering this type of option have a strong academic history and a GPA of 3.00. The student and parent must meet with the school counselor to discuss these plans. Students will need to supply the following information: name of the studies abroad program, name and phone number/email address of local contact person, name of school to be attending, name and email address of school contact person, list of courses to be taken, written plan of how this experience will impact graduation and how any deficits will be made up. When this information is complete, it must be submitted to the Principal for approval. Brush High School is under no obligation to accept credits from a study abroad/foreign exchange program unless the proper procedures have been followed and permission granted prior to the student leaving to participate in the program.

Once the student has returned from the program, it is the student's responsibility to ensure that a transcript of grades and proof of attendance is sent from the school.

All students must carry a minimum of five and a half (5.5) credits per year.

Hosting a Foreign Exchange Student:

The South Euclid Lyndhurst Schools have established the following guidelines for families who are interested in hosting a foreign exchange student. These guidelines have been established in order to ensure that the foreign exchange student has the necessary skills and support in order to have a positive experience.

- \checkmark Foreign exchange students must reside with a current Brush High School family.
- \checkmark Foreign exchange students must be enrolled prior to August 15.
- ✓ The sponsoring agency must provide proof of English speaking skills and Literacy, and a formal assessment. An interview may be required.
- \checkmark The sponsoring agency must have a local (Cleveland Area) representative available as needed.
- \checkmark The sponsoring agency must provide academic support if needed.
- \checkmark Foreign exchange students must be taking an academic schedule of courses.

The South Euclid Lyndhurst School District can NOT be involved in finding families for foreign exchange students who may need a change in living situations.

NEW STUDENTS

Students who move into the South Euclid Lyndhurst School District or those who reside in the district and have not attended the public schools must register at the Administration Building. Once a student has been enrolled, a parent or guardian will contact the guidance office at Charles F. Brush High School in order to make a scheduling appointment with the appropriate counselor. A parent/guardian must accompany the student to the scheduling appointment. Records from the former school are important in selecting courses. Students who wish to enroll for the upcoming school year are encouraged to do so after April 15, and before June 1. This will allow time to schedule a meeting with the Brush school counselor prior to the end of the school year. Students who enroll over the summer will receive information concerning scheduling at the time of enrollment.

New students on an IEP, please refer to the section on Special Education on page 14.

COLLEGE CREDIT PLUS

Effective with H.B. 487 College Career Plus replaces Ohio's Post-Secondary Enrollment Options Program and all alternative dual enrollment programs. The CCP requires that the student must be enrolled in both college and high school, AND the student will earn college and high school credit upon completion of the courses. The credits will be reflected on their final high school transcript. Courses aligned with the CCP must:

- Be the same as those offered on the College Campus
- Be nonsectarian and non-remedial
- Apply toward a degree or professional certificate
- All courses added or dropped by the CCP student MUST have approval by the CCP Counselor
- Any CCP Student who fails a course or drops after the designated deadline will be financially responsible for the course.

CCP Pathway Requirements: A "CCP Pathway" is a grouping of college courses and course sequences that total a maximum of 30 college credit hours per year. The pathway may be organized by a major or career path and must include various core courses required for a degree or professional certification by the college.

Please refer to http://education.ohio.gov/Topics/Ohio-Education-Options/College-Credit-Plus for information on **College Credit Plus.**

Graduation - Senior students who are enrolled at a college where the academic term ends after high school graduation ceremony is over will be permitted to participate in graduation if all requirements for graduation have been completed and/or the student has a passing grade in the college course(s) in which he/she is enrolled.

Academic Eligibility - For those students electing the College Credit Plus Program, their academic/athletic eligibility will continue to be based upon the grading period used by the high school.

The principal (or designee) of those electing the College Credit Plus Program shall contact participating College Credit Plus institutions for the purpose of ascertaining grades in courses that are being taken at those institutions. If grades can be obtained, they shall be used to determine whether or not a particular student is passing five (5) one-credit courses or the equivalent for that preceding grading period. If grades cannot be obtained, the student shall receive an "Incomplete" until such time that a grade can be determined. The "Incomplete" shall be used in determining the student's eligibility for the next grading period (i.e., an "incomplete" is considered a failing grade).

Board Policy - When a student is expelled from the District, the Superintendent shall send written notice to any college in which the expelled student is enrolled under the College Credit Plus Program at the time the expulsion is imposed. The written notice shall indicate the date the expulsion is scheduled to expire. If the expulsion is extended, the Superintendent shall notify the college of the extension.

COLLEGE ADMISSIONS TESTING SAT/PSAT/ACT

The Learning Express Library delivers instantly scored online diagnostic tests, practice exercises and courses. From basic skills, remediation in Math, Reading, and Writing, to SAT, ACT and Advanced Placement exam preparation, the programs are highly effective and easy to use. Instant essay score reports deliver immediate diagnostic feedback on students' writing abilities – enabling them to identify their own strengths and weaknesses and motivating them to improve. Students and their parents, as well as K-12 educators, can use this state-funded INFOhio Electronic Resources, College Board and Khan Academy free of charge. Home access requires a username and password available from the school library.

GRADE PLACEMENT

Students will be promoted to the next grade level according to the number of credits earned. In order to be promoted, the following scale is used:

- <u>To Grade 10:</u> four and one half (4.5) credits.
- <u>To Grade 11:</u> nine (9) credits.
- <u>**To Grade 12:**</u> thirteen (13) credits.

*To be considered a fulltime student, you must be enrolled in 5 credits per year.

GRADE POINT AVERAGE

The Grade Point Average is calculated from the semester grades of all courses except those which are Pass/Fail Courses, i.e., Study Skills. In calculating the GPA, A = 4 points, A + 3.67, B + 3.33, B = 3.0 points, B - 2.67, C + 2.33 points, C = 2.0 points, C - 1.67, D + 1.33, D = 1 point, and F = 0 points. Advanced Placement and Honors grades are awarded one (1) additional point based on a semester grade of C or higher. Points earned for specific subjects will vary depending on the credit granted for the course.

	GRADE			
				POINTS
Α	93	То	100	4.00
А-	90	То	92	3.67
B+	87	То	89	3.33
В	83	То	86	3.0
B-	80	То	82	2.67
C+	77	То	79	2.33
С	73	То	76	2.0
C-	70	То	72	1.67
D+	67	То	69	1.33
D	60	То	66	1.0
F	00	То	59	0

For the class of 2020 and Beyond Grade point values for all <u>Honors</u> <i>classes are weighted as follows: A=4.5, A=4.125, B=3.75, B=3.75, B=3.375, B=3.0, C=2.625, C=2.25, C=1.875, D=1.0, D=0.7, F=0.0

For the class of 2020 and Beyond Grade point values for all <u>Advanced Placement</u> classes are weighted as follows: A=5.0, A=4.59, B=4.17, B=3.75, B=3.34, C=2.92, C=2.5, C=2.08, D=1.0, D=0.7, F=0.0

GRADE POINT AVERAGE SCALE

	Standard	Honors	AP/CCP
А	4.0	4.5	5.0
A-	3.67	4.17	4.67
B+	3.33	3.83	4.33
В	3.0	3.5	4.0
B-	2.67	3.17	3.67
C+	2.33	2.83	3.33
С	2.0	2.5	3.0
C-	1.67	2.17	2.67
D+	1.33	1.84	2.33
D	1.0	1.5	2.0

PASS/FAIL OPTION

If a course is taken pass/fail, the course is not figured into the student's grade point average. It is at the SEL Administrator's discretionary decision to determine or exercise this option.

SCHEDULE CHANGES

The Course Description book is the student's and parent's guide for making their elective course selections. Teachers will be determining the placement for students in next year's Core Classes. The final copy of the student's forecasting sheet is to be signed by a parent/guardian and returned to the student's school counselor. During the time between forecasting and the end of the <u>fourth marking period</u>, students and parents may discuss and request changes in these courses. <u>NO CHANGES WILL BE MADE AFTER</u> <u>MAY 15, 2020</u>. After the close of the school year, changes will be limited to correction of: 1) a technical error; 2) conflict with a required class and; 3) when possible, replacing a study hall with an elective class, provided no other class is moved in the process. Parent recommendation for course withdrawal and/or academic placement will be given consideration. However, due to new state mandates and specified number of points required for graduation, we must accurately place students in appropriate courses. Withdrawals will be the exception and permitted on a limited basis at the principal's discretion.

INCOMPLETES

Incompletes are issued only in extenuating circumstances determined by Administration. The teacher will issue a grade for the work completed; it is the responsibility of the teacher to change the grade as needed for the grading period.

WITHDRAWAL FROM A CLASS

On occasion, a student may request to withdraw from a class. The withdrawal process will be initiated only after discussion with parents, counselor, and teacher after the student has attempted a series of interventions to be successful in that class. All withdrawals from a class require administrative approval. Withdrawal from a class will not be permitted if the withdrawal causes the student to fall below the 5.0 credits required per semester. If the withdrawal is approved within the first two weeks of the semester, the student does not incur a penalty. Withdrawals will be the exception and permitted on a *limited basis* at the principal's discretion.

CLASS RANK

At the conclusion of each semester, the students are ranked academically according to Grade Point Average (GPA). The student with the highest cumulative grade point average in the class is ranked first, the next highest second, etc. Valedictorian and Salutatorian status will be computed using cumulative grades up to and including the 7th semester of the student's senior year. No student shall be eligible for graduation honors, such as Valedictorian, etc. unless they have been enrolled for four (4) consecutive semesters prior to the final semester utilized for purposes of determining such honors.

<u>AWARDS</u>

Comparison of Diplomas with Honors Criteria

Students need to fulfill all but one criterion for any of the following Diplomas with Honors.

Depending on whether a student is completing a college preparatory or career-technical curriculum, honors diploma requirements differ slightly.

Please refer to the Ohio Department of Education Grid that can be found on the ODE Website at: <u>http://education.ohio.gov/getattachment/Topics/Ohio-Graduation-Requirements/Graduation-Requirement</u> <u>s-2014-2017/Criteria-for-Diploma-with-Honors/Honors-Diploma-Revised-Grid.pdf.aspx</u>

Writing sections of either standardized test should not be included in the calculation of this score. Diploma with Honors requirements pre-suppose completion of all high school diploma requirements in Ohio Revised Code including:

1/2 unit Physical Education**1/2 unit in American History1/2 unit Health1/2 unit in Government

BRUSH HIGH SCHOOL ESTABLISHED THE FOLLOWING GUIDELINES:

Honor Roll/Merit Roll will be computed for each quarter.

The following procedures will be utilized in determining Honor Roll/Merit Roll status:

- A student will achieve **Honor Roll** status by earning a 3.5 G.P.A. or higher for that quarter.
- A Merit Roll status is achieved by earning a 3.0 3.49 G.P.A. for that semester.

NATIONAL HONOR SOCIETY

The National Honor Society is a service organization founded to bestow recognition on junior and senior <u>students</u> who have demonstrated exemplary accomplishments in the areas of scholarship, leadership, character, and service. Students do not apply for membership, but are invited to apply based on having a cumulative G.P.A. of 3.5 or higher by the end of the second semester of the sophomore year (for juniors) or junior year (for seniors). New students to the school need to be in attendance for one semester before qualifying for National Honor Society.

Students who have met the G.P.A. requirements are notified by mail that they are eligible to become candidates for membership. An informational meeting for all candidates is held in order to outline the application process.

NHS guidelines state that membership is a privilege and not a right. Students are informed prior to candidacy that the NHS Faculty Advisory Committee is prohibited from sharing any information regarding the selection process. <u>For the membership process, please see the current NHS Advisors.</u>

- 1. Candidates must complete and submit an application of activities and service hours by the deadline date on application. A minimum of 40 hours of service for juniors and 60 hours of documented service for seniors is required before application due date.
- 2. The NHS faculty advisor receives a document which informs him/her of each student's G.P.A., Co-curricular Activities, Leadership Positions, Service Activities and Community Activities.
- 3. The NHS Faculty Advisory Committee then considers the strength of each Candidate. The Committee then selects the membership.
- 4. Candidates are informed in writing of their membership status, immediately following the NHS Faculty Advisory Committee meeting which is held in the fall.

PRESIDENTS' EDUCATIONAL AWARD FOR EXCELLENCE

This award was established to recognize and reward students for achieving educational excellence. This award is received at the end of each school year.

Grade Point Average

Students are to earn a grade point average of 90 on a 100 point scale (an A- on a letter scale or a 3.5 on a 4.0 scale.) Computing the G.P.A. includes grade 9 through the fall semester of the 12th grade.

Standardized Achievement Test Scores

Achieve in the 85th percentile or higher in math or reading. (High school seniors may use college admissions examinations such as the SAT or ACT).

<u>NAIA</u> National Association of Intercollegiate Athletics

Eligibility Center FAQs

What is the NAIA Eligibility Center?

The NAIA Eligibility Center is responsible for determining the NAIA eligibility of first-time athletes. Any student playing NAIA sports for the first time must meet the eligibility requirements. Students must have their eligibility determined by the NAIA Eligibility Center, and all NAIA schools are bound by the center's decisions.

Who needs to register?

Every student interested in playing sports at NAIA colleges for the first time in 2018-2019 or any year after that needs to register and have their eligibility to play determined. This applies to:

- High School Seniors
- Current NAIA students who will play sports for the first time at an NAIA school
- Transfers from two-year colleges
- Transfers from four-year colleges

What happens when I register?

You'll create a personal profile with the basic facts about your academic history and sports participation to date.

You'll also have the opportunity to provide more in-depth information about your experience and accomplishments, plus the type of college you have in mind – size, location, areas of study, extracurricular activities. Then we'll provide a list of NAIA colleges that match those interests. You can choose to have your profile sent directly to the schools – coaches and admissions offices – you choose. It's a personal connection and you're in control.

Do I need to register if I'm registering with the NCAA Eligibility Center?

Yes, determining if you meet the requirements for NAIA eligibility is separate from the NCAA eligibility certification. The NAIA and NCAA are two separate associations with two different sets of rules and certification processes.

What are the costs?

Registration for students from the U.S. is \$60. Registration for international students is US \$85. This is a one-time non-refundable registration fee, and all the services of the NAIA Eligibility Center are included.

NCAA ELIGIBILITY INFORMATION

WHAT IS THE NCAA?

The National Collegiate Athletic Association was established in 1906 and serves as the athletics governing body for more than 1,280 colleges, universities, conferences and organizations. The national office is in Indianapolis, but the member colleges and universities develop the rules and guidelines for athletics eligibility and athletics competition for each of the three NCAA divisions. The NCAA is committed to the student-athlete and to governing competition in a fair, safe, inclusive and sportsmanlike manner.

WHAT IS THE NCAA ELIGIBILITY CENTER

The NCAA Eligibility Center works with the NCAA to determine a student's eligibility for athletic participation in his or her first year of college enrollment. Students who want to participate in college sports at the Division I or Division II level during their first year of enrollment in college MUST register with the eligibility center at <u>www.eligibilitycenter.org</u> Students who plan on participating at the Division III level, DO NOT have to register with the eligibility center. The eligibility center follows NCAA bylaws and regulations in analyzing and processing a student's high school academic records, ACT or SAT scores, and key information about amateurism participation, to determine the student's eligibility. Please refer to the above website for the **NCAA Eligibility Center Worksheet** to compute core GPA.

NCAA Division 1 College-Bound Student-Athletes – Eligibility Standards

The initial-eligibility standards for NCAA Division I college-bound student-athletes are changing. College-bound student-athletes first entering a Division I college or university on or after August 1, 2018, will need to meet new academic rules in order to receive athletics aid (scholarship), practice or compete during their first year.

First, here are the terms you need to know:

Full Qualifier: A college-bound student-athlete may receive athletics aid (scholarship), practice and compete in the first year of enrollment at the Division I college or university.

<u>Academic Redshirt</u>: A college-bound student-athlete may receive athletics aid (scholarship) in the first year of enrollment and may practice in the first regular academic team (semester or quarter) but may NOT compete in the first year of enrollment. After the first term is complete, the college-bound student-athlete must be academically successful at his/her college or university to continue to practice for the rest of the year.

<u>Nonqualifier</u>: A college-bound student-athlete cannot receive athletics aid (scholarship), cannot practice and cannot compete in the first year of enrollment. Here are the <u>new</u> requirements:

Full Qualifier must:

- 1. Complete 16 core courses (same distribution as in the past)
 - a. Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
 - i. Seven of the 10 core courses must be English, math or science.
- 2. Have a minimum core-course GPA of 2.30;
 - a. Grades earned in the 10 required courses required before the senior year are "locked in" for purposes of GPA calculation.
 - i. A repeat of one of the "locked in" courses will not be used to improve the GPA if taken after the seventh semester begins.
- 3. Meet the competition sliding scale requirements of GPA and ACT/SAT score (this is a new scale with increased GPA/test score requirements); and
- 4. Graduates from high school.

Academic Redshirt must:

- 1. Complete 16 core courses (same distribution as in the past)
- 2. Have a minimum core-course GPA of 2.000;
- 3. Meet the academic redshirt sliding scale requirements of GPA and ACT/SAT score;
- 4. Graduates from high school.

Nonqualifier is a college-bound student-athlete who fails to meet the standards for a qualifier or for an academic red-shirt. Please go to <u>www.ncaa.org</u> for new rules and sliding scale.

ACADEMIC ELIGIBILITY

(Extra-Curricular Activity/Interscholastic-Athletic Eligibility Policy)

At Brush High School, students are encouraged to participate in the many extra-curricular and sports activities that are available. Academic success in high school is often enhanced when a student reaches out beyond classroom activities and becomes involved in the full high school experience. In order for a student to ensure the opportunity to remain an active participant in the extra-curricular and or athletics activities, he/she must maintain a level of academic achievement. If a student's grades go below a 2.0 standard of eligibility, he/she may be placed on probation or eliminated from the extra-curricular and/or sports activity altogether.

The South Euclid Lyndhurst Board of Education shall determine the academic standards of eligibility to be met by all students participating in extra-curricular activities/interscholastic athletic programs. In addition to the eligibility requirements established by the South Euclid Lyndhurst Board of Education, any student participating in interscholastic athletics must also meet the eligibility requirements established by The Ohio High School Athletic Association.

The Ohio High School Athletic Association academic eligibility standards are as follows:

During the preceding grading period, the student must have received passing grades in a minimum of five one-credit courses or the equivalent, which count toward graduation.

<u>The South Euclid Lyndhurst Board of Education academic eligibility standards</u> are as follows:

- 1. Must maintain at least a 2.0 grade point average for the grading period preceding the grading period in which she/he wishes to participate.
- 2. Students who fall between 1.00 and 1.99 may participate if they agree to participate in a Probationary Eligibility Agreement. If they are below a 1.00 grade point average, the student is ineligible until the next grading period, i.e., until the next nine-week grading period is up.

Probationary eligibility consists of:

Attending two (2) study table sessions a week, for a minimum of 40 minutes each; the study table sessions will be held Monday through Friday, from 7:30 a.m. to 8:00 a.m. in the library. The study tables will be monitored by a study hall monitor. On Friday, or the last day of the week, the study hall monitor will file a report of attendance with the athletic coordinator/activity advisor at the high school. The athletic coordinator/activity advisor will publish a report on Monday of any student on Probationary Eligibility who is declared ineligible for the week.

If the student completes all requirements of probationary eligibility, the student is eligible to participate in extracurricular activities/interscholastic athletics. If the student does not complete all requirements, the student will be declared ineligible for a one-week period until the next week study tables are completed. At that time, the student can regain his/her eligibility or continue to be ineligible. The student is ineligible to participate in entipy of the student is ineligible to participate in contests or activities during that one-week period.

If a student is declared ineligible for two weeks of a nine-week grading period, the student will not be eligible to participate in contests or practices during the second (2^{nd}) week. If a student is declared ineligible for a third (3^{rd}) week in a nine-week grading period he/she will be declared ineligible for the remainder of the nine-week period.

THE INTER-SCHOLASTIC SPORTS OFFERED AND AFFECTED BY THIS POLICY ARE LISTED BELOW:

FALL	WINTER	SPRING
Boys' Cross Country	Boys' Basketball	Baseball
Boys' Golf	Girls' Basketball	Boys' Tennis
Football	Boys' Swimming	Boys' Track
Boys' Soccer	Girls' Swimming	Girls' Track
Girls' Cross Country	Wrestling	Softball
Girls' Golf	Hockey	
Girls' Soccer	Bowling	
Girls' Tennis		
Volleyball		

EXTRA CURRICULAR CLUBS AND ACTIVITIES OFFERED

Academic Decathlon	Freshman Class Officers	Girls Who Code
Academic Team	Sophomore Class Officers	Key Club
Arcettes	Junior Class Officers	Level Up
AVTV Club	Senior Class Officers	Makerspace
Book Club	Debate Team	MAC 2.0
C.A.R.E	Drama Club	Peer Tutors
Cheerleading	Dungeons and Dragons	Robotics Club
Chess Club	Environmental Club	Science Olympiad
Christian Fellowship Club	Fall Play	Spring Musical
Creative Writing	French Club	Student Congress
	Gay/Straight Alliance	Yearbook

Charles F. Brush High School

Athletics Intent to Participate Form

1	_ am
(Student's Name)	

a student-athlete and plan to participate in the following sports during the 2020-2021 academic school year. I have reviewed the eligible core courses for college athletic eligibility and have forecasted for such courses.

PLEASE CIRCLE ALL THAT APPLY:

Ms. Christy Myers

Grade 12

<u>FALL</u>		<u>WINTER</u>	<u>SPRING</u>
Women's Cross Cou	ntry	Women's Basketball	Women's Track & Field
Women's Golf		Women's Swimming	Softball
Women's Soccer		Women's Gymnastics	Men's Tennis
Women's Tennis		Men's Basketball	Men's Track & Field
Volleyball		Men's Swimming	Baseball
Men's Cross Country	/	Hockey	
Men's Golf		Wrestling	
Men's Soccer		Bowling	
Football			
Student Signature			Date
Parent/Guardian Sig	nature		Date
Please r	eturn this form	to the Guidance Office, along with	your forecasting sheet.
School Counselors			
Mrs. Bridgette Johns	son Grade 9	216.691.2072	
Mr. Jesse Blasier	Grade 10	216.691.2073	
Ms. Sarah Ball	Grade 11	216.691.2081	

216.691.2139 (Guidance Department Coordinator)

Charles F. Brush High School Course of Studies

The following page contains a complete listing of the Charles F. Brush High School Elective Courses by grade level. This course of studies for the entire four (4) years is presented to assist students and parents in planning course selections in the proper sequence. The Elective Request Sheet, indicates the grade level in which a particular course may be taken. Credit will be granted only once for the successful completion of a course.

Courses are offered only if adequate enrollment is achieved. The student's course of study should not be planned without careful consultation with the Guidance Department. Each department section begins with a listing of all of the courses offered by that department. Subsequent pages include descriptions of the courses we offer. Thorough program planning demands an awareness of graduation requirements and course prerequisites, as well as knowledge of the purpose and content of all courses of interest to the student.

Students are recommended to a particular course of study based upon two factors, 1) their past academic performance, and 2) their goals after high school. Students and parents must carefully select courses to ensure that enough graduation credits are earned in the category that will prepare him/her to meet specific goals.

Please refer to the Forecasting Sheet which are located on pages 81 through 89.

FIND YOUR DIRECTION

What direction do you plan to take after your leave Charles F. Brush High School? Whatever it may be, use your time at Charles F. Brush High School wisely.

• Four-year College Bound:

A Bachelor's Degree is not a career goal. College is a beginning to a diversified future. Exploration of interests is still necessary while you are in high school. The number one reason why students are not successful in college is a lack of discipline and direction.

• <u>Two-year College Bound</u>:

An Associate Degree offers specialized technical training in many career areas or provides the first two years of coursework that are transferable to a four-year college. To achieve a two-year technical degree, explore now while in high school. Look into the Tech Prep Options and College Link courses to get a head start on your two-year degree.

• Military Options:

The Military is a great alternative for those students who desire training without the cost of college. Two-, three- and four-year options are possible, as well as full-time enlistment or part-time Reserve or National Guard. Officer training is available while attending college, with scholarships paying tuition for all four years. (ROTC - Reserve Officer Training Corps).

• <u>Workplace Bound</u>:

If you plan to enter the world of work immediately after high school, you will need some skills. Non-skilled positions are generally low paying with minimal chances for promotion. Use your time at Brush High School to get skills that will allow you to earn a living wage.

Whatever the direction you choose, use your electives to explore your interests and abilities. Discover your talents through classes, student activities and career experiences.

All students requesting admission to Honors/AP must complete the appropriate form. Students enrolling in Honors and/or AP must meet certain criteria. Students not meeting this criteria but who wish to be considered must be sure to provide reasons as requested on the appropriate forms. Enrollment will be considered on a case by case basis.

When forecasting for the junior year, students may select a technical program through the Mayfield Excel Technical Education Career Consortium. For information on Mayfield Excel TECC, see the section under Consumer and Technical Education.

If you have any questions or concerns regarding the course selection for your student, please do not hesitate to contact the school counselor for your student's grade level.

COURSE NUMBER		COURSE	PREREQUISITE	GRADE LEVEL	LENGTH OF COURSE	CREDIT
6135	Δ	AP Studio Art/Photography	Photography2	11-12	Full Year	1
8133	Δ	AP Studio Art/Drawing	Drawing or Painting	11-12	Full Year	1
8118		Drawing	None	9-10-11-12	One Semester	.50
8114		Painting	None	9-10-11-12	One Semester	.50
8119	Δ	Adv. Drawing & Painting *	Painting or Drawing	10-11-12	Full Year	1
8123		Ceramics	None	9-10-11-12	One Semester	.50
8124	Δ	Adv. Ceramics	Ceramics and Ceramics II	10-11-12	Full Year	1
8125	Δ	Ceramics II	Ceramics	10-11-12	One Semester	.50
8122		Digital Photoshop	None	9-10-11-12	One Semester	.50
8121		Graphic Design Tools	None	9-10-11-12	One Semester	.50
6000		Art Foundations	None	9-10-11-12	One Semester	.50
6215		Graphic Design	Graphic Design Tools	9-10-11-12	One Semester	.50
6125		Photography I	None	9-10-11-12	One Semester	.50
6130	Δ	Photography II	Photography 1	9-10-11-12	One Semester	.50
7136		3D Modeling	None	10-11-12	One Semester	.50

FINE ARTS

Given the nature of the experience in art, 12th grade students may unlock new found strengths and talents. At these times, a semester class may not be enough time to allow the student to fully bloom in a specific medium. On these rare occasions, and at the direction of the teacher, department coordinator, school counselor and administration, these students will be admitted into a full year, advanced level course at the semester. All art credits qualify as fine arts credit for an Honors Diploma.

 Δ Students who wish to expand their artistic education may enroll in any AP and/or advanced level course **only** if they have passed their introduction course of their chosen subject with a "C" average or higher.

 Δ Students who wish to expand their artistic education may enroll in any level II course <u>only</u> if they have passed their introduction course of their chosen subject with a 'C' average or higher.

AP Studio Art – Drawing Course Number: 8133 Full Year

Prerequisite: Open to juniors and seniors who have taken drawing or painting and passed with a "B" average and teacher recommendation based on portfolio review. AP Studio Art – Drawing is the final course in the fine art development track for extremely dedicated and self-motivated art students. The class is a chance for the visually gifted to excel and receive recognition on a national scale. It allows students to compare their work with other high school students throughout the nation and helps them prepare an excellent portfolio for study at the college level. The teacher will work individually with the students to plan, organize, and prepare their work. Students will submit a Drawing Portfolio in accordance with the College Board Advanced Placement Program (Subject Code #029100). Juniors enrolled in this course will receive credit for "Honors Drawing". Senior students enrolled in this course will take the AP exam, for which the College Board charges a fee.

Students enrolled in Advanced Placement course(s) are REQUIRED to take the Advanced Placement Exam.

Advanced Drawing & Painting Course Number: 8119 Full Year

Prerequisite: Painting or Drawing. Advanced Drawing and Painting takes the skills of the students to a new level. Having mastered the basics in Painting or Drawing, students now begin to adapt their own personal style. The content of the class is based on personal expression and large scale projects. Students learn how color and composition can evoke emotion and personality. The works of great artists will be discussed and used as an inspiration for student projects.

Ceramics

Course Number: 8123 One Semester

Ceramics gives students hands-on experience working in a three-dimensional medium. Designed as an introduction to clay, glazes, and ceramics techniques, students will explore clay through hand-building, slab and coil construction. Finished ceramic pieces may include, pinch pots, coil pots, subtractive tiles, and the slab method.

Ceramics II

Course Number: 8125 One Semester

This course is designed for students who have successfully completed Ceramics and would like to continue with the medium in another semester course. Students will continue to develop techniques in slab, coil, and pinch building, as well as throwing on the pottery wheel, and building sculpture. Students will engage in experiences that encompass art history, art appreciation, art criticism, aesthetics, and production.

9th, 10th, 11th, 12th grade .50 Credit

10th, 11th, 12th grade

1 Credit

11th, 12th grade

1 Credit

10th, 11th, 12th grade

.50 Credit

Advanced Ceramics

Course Number: 8124 Full Year

Prerequisite: Ceramics & Ceramics II This course is designed to build on the foundation of ceramic techniques and styles expanding each students' understanding of three-dimensional materials. Students will develop their individual styles using hand building techniques as well as a major emphasis on the potter's wheel. Course work will include functional projects as well as sculptural pieces.

Art Foundations

Course Number: 6000 One Semester

This course will teach students to express themselves through the graphic arts. Students will explore the Elements and Principles of Art, measurement, color theory, and art history as they create their own original works through Drawing, Painting and Printmaking using a variety of media. This course should be considered the first step before taking other Art electives.

Graphic Design Tools

Course Number: 8121 One Semester

Previously titled as Digital Design Tools is an introduction to the tools commonly used in Graphic Design and related digital art fields. The focus will be on creating vector artwork and layouts. Students will complete exercises to learn how to use programs such as Adobe Illustrator, Photoshop, and Adobe InDesign though the emphasis will be primarily on Illustrator. Students who complete this course may sign up for Graphic Design in a following semester so that they can explore how to apply the skills they learned in this course.

Graphic Design

Course Number: 6215 One Semester

Prerequisite: Graphic Design Tools is a follow-up course to Graphic Design Tools. In this course, students will explore the Elements and Principles of Design, and learn to apply them to original artworks. Projects will be styled after common design jobs,(logo design, magazine covers,ads, posters, fliers, etc.) and will be completed using the software learned in the Graphic Design Tools class.

Photography I

Course Number: 6125 One Semester

This course serves as an introduction to basic black and white darkroom photography. Students will learn creative camera controls, exposure and film development in addition to photographic printing techniques and darkroom manipulations.

Photography II Course Number: 6130 One Semester Prerequisite: Photography I

This class is designed for the student interested in continuing their photographic experience. Students will learn color printing techniques in addition to their existing skills in black and white. Materials will be provided, however, color film processing will be the sole responsibility of the student.

10th, 11th, 12th grade 1 Credit

9th, 10th, 11th, 12th grade

.50 Credit

.50 Credit

9th, 10th, 11th, 12th grade

9th, 10th, 11th, 12th grade

.50 Credit

9th, 10th, 11th, 12th grade .50 Credit

9th, 10th, 11th, 12th grade .50 Credit

AP Studio Art: 2-D Design/Photography Course Number: 6135 Full Year

Prerequisite: Open to Junior and Senior students who have taken Photography 2 and passed with a "B" average and/or teacher recommendation based on portfolio review. This is an advanced placement course and is for the committed and highly motivated photography student. This class is an opportunity for students to challenge themselves, receive recognition at the national level and receive college credit. Students will prepare a portfolio of photographic works focusing on their strengths in both black and white and color photography using both film and digital processes with guidance from the instructor. Students will be expected to concentrate on the development of subject matter and content in their work by keeping a journal of their progress. All students will submit a 2-D Design/Photography Portfolio in accordance with the College Board Advanced Placement Program (Subject Code #029110). It is highly recommended that students have their own 35mm camera. Materials will be provided: however, color film processing and additional materials are the sole responsibility of the student. Juniors enrolled in this course will receive credit for "Honors Photography". Seniors enrolled in this course will take the AP exam, for which the College Board charges a fee.

Students enrolled in Advanced Placement course(s) are REQUIRED to take the Advanced Placement Exam.

Drawing

Course Number: 8118 One Semester

This course is designed for students who are interested in improving their drawing skills. This will be an intense study of drawing where most of the projects will involve direct observation from life. The assignments will be based on the elements and principles of design. Medium choices may include pencil, scratchboard, charcoal and pastel.

Painting

Course Number: 8114 One Semester

This course explores various techniques of acrylic painting. Students will learn how to apply color theory to paintings working from references furnished by the students. This course is designed for beginner painters who will learn to appreciate the application of color to their art. It is highly recommended that students complete a Drawing course prior to this class.

Digital Photoshop

Course Number: 8122 One Semester

Adobe Photoshop is considered by many to be the premier tool when it comes to creating and editing 2D bitmap graphics and photos capable of far more than simply touching up photographs or adding effects. With practice and a bit of imagination, there's no limit to the imagery you can create with Photoshop. This course will help give you a firm grasp of the multitude of tools that Photoshop offers and allow you to gain confidence and skills in both digital photography and basic graphic design.

3D Modeling

Course Number: 7136 One Semester

Students in this course will explore the world of 3D art making as they learn to use SketchUp, a 3D modeling program that is a natural follow-up to the TinkerCad being taught at Memorial and Greenview. Course material will not only cover the use of the program, but also involve discussions of design considerations unique to additive manufacturing/prototyping (3D printing). Projects will be created in SketchUp Pro before being run through slicer software to prepare the models for printing.

9th, 10th, 11th, 12th grade .50 Credit

9th, 10th, 11th, 12th grade

.50 Credit

9th, 10th, 11th, 12th grade .50 Credit

10th, 11th, 12th grade

.50 Credit

11th, 12th grade 1 Credit

CONSUMER & COMPUTER TECHNICAL EDUCATION

COURSE NUMBER	COURSE	PREREQUISITE	GRADE LEVEL	LENGTH OF COURSE	CREDIT
7100	Introduction to Business	None	9-10-11	One Semester	.50
7130	Social Media In Context	None	9-10-11-12	One Semester	.50
7141	Financial Literacy	None	11-12	One Semester	.50
7142	Transitions and Careers	None	11	One Semester	.50
7143	Career and College Readiness	Transitions and Careers	12	One Semester	.50

Introduction to Business

Course Number: 7100 One Semester

The Intro to Business Course provides students with some background prior to study of the more advanced courses in the business world. It has value for students in presenting career opportunities that they may want to further explore through various types of business occupations that are learning through computer-based assignments. Students will be working individually on computers to complete computer-based textbook assignments.

Social Media In Context

Course Number 7130 One Semester

Students will learn how social media has evolved and how it has impacted many different aspects of today's society. Including how to use social media to communicate and receive information. Students will also learn how to determine the credibility of shared information, and how to properly engage with other users in an ethical, responsible, and courteous manner. Students will learn the necessary skills to research, to think critically, and to communicate appropriately and effectively within various social media platforms.

Financial Literacy

Course Number: 7141 One Semester

This course will inform students how individual choices directly influence occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets using checking and saving accounts, and will gain knowledge in finance, debt and credit management, and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions leading to financial independence.

Transitions and Careers

Course Number: 7142 One Semester

In the Transitions and Careers course, students will analyze interests, aptitudes and skills to prepare for careers that transition through life. An emphasis will be placed on work ethics, team building, communication, and leadership skills. Additional topics will include technology etiquette and career planning.

9th, 10th, 11th, 12th grade .50 Credit

9th, 10th, 11th, 12th grade

.50 Credit

11th, 12th grade .50 Credit

11th grade .50 Credit

Career and College Readiness

Course Number: 7143 One Semester

12th grade .50 Credit

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

COURSE NUMBER	COURSE	PREREQUISITE	GRADE LEVEL	LENGTH OF COURSE	CREDIT
7285	**Sports Leadership	PE	9-10-11-12 Male/Female	One Semester	.50
7151, 7161	Physical Education 1	None	9-10-11-12	One Semester	.25
7152, 7162	Physical Education 2	None	9-10-11-12	One Semester	.25
7250	Health Education	None	10	One Semester	.50
7270	*Sport and Exercise Science	PE	9-10-11-12 Male/Female	One Semester	.50
7275	*Personal Wellness	PE	9-10-11-12 Male/Female	One Semester	.50
7280	*Fitness for Life	PE	9-10-11-12 Female	One Semester	.50
7158	**Weight Training and Fitness I/II	PE	9-10-11-12 Male/Female	One Semester	.50
7159	**Strength and Conditioning I/II	.50 PE credit and member of a BHS athletic team	9-10-11-12 Male/Female	One Semester	.50

HEALTH & PHYSICAL EDUCATION

*Health Credit/Health Elective **Elective

Sports Leadership Course Number: 7285 Prerequisite: .50 PE credit

9th, 10th, 11th, 12th grade .50 Credit

Students will gain a knowledgeable background and experience in prevention, immediate treatment and rehabilitation of injuries commonly sustained by participants in athletics. Students will learn about different areas and professions involving sports medicine. This course is designed for students with a desire to serve in a leadership role and explore such topics as:

- Coaching
- Personal trainers
- Leading on and off the field/court
- Sports economics
- Team ownership

The course will be taught in the classroom.

Physical Education 1 & 2 Course Number: 7151, 7152, 7561, 7162 **One Semester**

Two semesters of this course are required by all students for graduation. Effort and participation in both team and individual activities are required to maximize physical and social benefits for each student. All boys must take both 7151 and 7152. All girls must take 7161 and 7162.

Health Education

Course Number: 7250 Semester

This sophomore course enables students to learn how to make better decisions regarding their personal health choices. Specific units include mental health, relationship violence, self-esteem, values, fitness, nutrition, disease detection, substance abuse, sexuality, sexually transmitted disease (STD). Students have the ability to become CPR certified through The American Red Cross. This course is required for graduation.

Weight Training and Fitness I/II

Course Number: 7158 Semester

Prerequisite: .50 PE credit Weight training is a course that will provide students with the opportunity to become more familiar with weight training principles and the benefits that go along with lifting weights. Students will learn the importance of safety, as well as the appropriate use of weight training equipment. A focus is placed on proper technique for all basic lifts and each student will participate in a workout program designed to develop strength and muscular endurance. This course is designed for all levels of athletes and non-athletes to learn how to develop a weight training program designed around their own needs, strengths and goals and to explore such topics as:

- Training for races, etc.
- Anatomy
- Developing a personal workout plan.
- The course will be taught in the classroom and Arcfit, both indoors and outdoors.

This course <u>may not</u> be used to meet the physical education requirement.

Strength and Conditioning I/II

Course Number: 7159 Semester

Prerequisite: .50 PE credit and member of a BHS athletic team

This course is designed for dedicated athletes looking to follow a rigorous weight training regimen to improve in their sport. This unique course combines sound, proven strength and conditioning principles with the latest methodologies to give our students a top athletic performance program in the nation. The course will primarily take place in the ArcFit weight room, however, the course will also follow science based principles that will call for short periods of active recovery to avoid detraining athletes and avoid injuries. Periods of active recovery may involve activities in Welser Gym or Korb Field.

Being selected for Strength and Conditioning is a privilege. Space is limited to sixty students and should be prioritized based on coach recommendations. Teachers of the course must approve students before they are accepted.

Safety is a top priority in the weight room, students not adhering to strength and conditioning standards are therefore putting other students at risk and will be removed from the program.

9th, 10th, 11th, 12th grade

.50 Credit

10th grade

9th, 10th, 11th, 12th grade .25 Credit

9th, 10th, 11th, 12th grade .50 Credits

.50 Credits

Sport and Exercise Science Course Number: 7270 Prerequisite: .50 PE credit

9th, 10th, 11th, 12th grade .50 Credits

This elective class will require the completion of workouts with classroom material covering all the fundamentals of weight training with safety procedures stressed and enforced. It is important for students to understand the science of movement and muscles. The ten common muscles will be introduced and identified with machines used in the weight room. The effects of sports and exercise on health and fitness along with the prevention/treatment of athletic injuries will be covered. Project: Students will research and complete a PowerPoint and poster related to Sports Injuries. This course is designed for the sports and fitness-minded student to explore such topics as:

- Anatomy and physiology
- Injury prevention and treatment
- Kinesiology
- Strength and endurance
- Improving performance
- Effects of sports and exercise on health and fitness
- Nutrition
- Drugs, alcohol and tobacco
- Venereal disease
- Dating violence
- Prescription opioid abuse
- Anatomical gifts

The course will be taught in the classroom and Arcfit.

This course <u>may</u> be used to meet the Health Education requirement.

Personal Wellness Course Number: 7275

9th, 10th, 11th grade .50 Credits

Prerequisite: .50 PE credit

This 10th grade elective class will require the completion of workouts with classroom material covering all the fundamentals of weight training with safety procedures stressed. The My Plate will be introduced so students can calculate calorie counting and maintain proper nutrition. The functions of various muscle groups will be reinforced and students will be introduced to (1) plyometric (2) speed ladders (3) core training and (4) proper stretching techniques. Project: Students will complete Nutrition Journals based on Breakfast and Lunch served at Brush High School and Fitness Journals. This course is designed for the non-athlete to instill the importance of lifelong wellness habits and explore such topics as:

- Healthy habits
- Leisure activities
- Dieting
- Achieving and maintaining a level of physical fitness
- Nutrition
- Drugs, alcohol and tobacco
- Venereal disease
- Dating violence
- Prescription opioid abuse
- Anatomical gift

The course will be taught in the classroom and Arcfit, both indoors and outdoors.

This course <u>may</u> be used to meet the Health Education requirement.

Fitness for Life Course Number: 7280 Prerequisite: .50 PE credit

11th, 12th grade .50 Credits

This 11th grade elective class will require the completion of workouts with classroom material covering all the fundamentals of weight training with safety procedures stressed and enforced. "Let's Move" is a concept where students will be introduced to lifetime activities/sports. Students will identify the difference between Aerobic and Anaerobic activities. A healthy lifestyle is an active lifestyle. The healthy choices include (1) the dangers of soda/energy drinks (2) Fast Food choices (3) dangers of smoking/drinking on performance. Project: Students will research and create a poster reflecting the different Aerobic and Anaerobic activities that can promote Lifetime Fitness. This course is designed for females to instill the importance of lifelong fitness habits and explore such topics as:

- Fitness activities
- Group fitness
- Training methods
- Eating disorders
- Dieting
- Healthy choices
- Self-defense
- Nutrition
- Drugs, alcohol and tobacco
- Venereal disease
- Dating violence
- Prescription opioid abuse
- Anatomical gifts

The course will be taught in the classroom and Arcfit, both indoors and outdoors. *This course <u>may</u> be used to meet the Health Education requirement.*

COURSE NUMBER	COURSE	PREREQUISITE	GRADE LEVEL	LENGTH OF COURSE	CREDIT
1110	English 9	None	9	Full Year	1
1100	Honors English 9	None	9	Full Year	1
1205	English10	English 9	10	Full Year	1
1200	Honors English10	Honors English 9	10	Full Year	1
1305	English 11 American Literature Writing and Research	English 10	11	Full Year	1
1310	English 11	English 10	11	Full Year	1
1300	Honors English 11	Honors 10	11	Full Year	1
1320	Integrated English 11	English 10	11	Full Year	1
1410	English 12 Modern Literature & Composition	English 11	12	Full Year	1
1415	English 12 Cultural Influences	English 11	12	Full Year	1
1420	Integrated English 12	English 11	12	Full Year	1
1405	English 12 British Literature	English 11	12	Full Year	1
1400	AP English Literature & Composition	See Course Description	12	Full Year	1

LANGUAGE ARTS REQUIRED COURSES

ELECTIVE COURSES

COURSE NUMBER	COURSE	PREREQUISITE	GRADE LEVEL	LENGTH OF COURSE	CREDIT
1250	Beginning Speech	None	9-10-11-12	One Semester	.50
1251	Advanced Speech	Beginning Speech	10-11-12	One Semester	.50
1260	Theater I & Improv	None	9-10-11-12	Full Year	1
1262	Theater II & Acting	"C" in Theater I & Improv	10-11-12	Full Year	1
1919	Writing for Success	None	9-10-11-12	One Semester	.50
1915	Intro to Creative Writing	None	11-12	One Semester	.50
1922	Introduction to Women's Literature	Successful completion of 10th or 11th grade English	11-12	One Semester	.50
1921	Science Fiction and Fantasy Literature	Successful completion of 10th or 11th grade English	11-12	One Semester	.50

REQUIRED COURSES

Successful completion of four years of Language Arts courses is required for graduation. Students who fail a portion of the Language Arts credit will be allowed to move to the next level course. However, the portion failed must be up in summer school or twilight school.

9	10	11	12
ENGLISH 9A	ENGLISH 10A	ENGLISH 11	ENGLISH 12
ENGLISH 9B	ENGLISH 10B	AMERICAN	MODERN
		LITERATURE &	LITERATURE &
		WRITING	COMPOSITION
		(teacher	(teacher
		recommendation)	recommendation)
		or	or
		AMERICANLITERARY	English 12
		HERITAGE AND	
		WRITING	
HONORS ENGLISH 9	HONORS ENGLISH 10	HONORS ENGLISH 11	BRITISH LITERATURE
			(teacher
			recommendation)
			AP ENGLISH
			LITERATURE &
			COMPOSITION
			* (Must successfully
			complete Honors
			English 11)

***NOTE: STUDENTS MUST BE ENROLLED IN THE HONORS/AP PROGRAM.** ALL HONORS/AP COURSES REQUIRE A SUMMER ESSAY DUE THE FIRST DAY OF SCHOOL.

ELECTIVE COURSES

Elective courses count as credit for graduation but DO NOT apply toward the four-year English requirement

THEATER I IMPROV	WRITING FOR SUCCESS	BEGINNING SPEECH
GRADES 9-12	GRADES 9-12	GRADES 9-12
THEATER II & ACTING	CREATIVE WRITING	ADVANCED SPEECH
GRADES 10-12	GRADES 11-12	GRADES 10-12
WOMEN'S LITERATURE GRADES 11-12	SCIENCE FICTION AND FANTASY LITERATURE GRADES 11-12	

EXCEL TECC – Students taking English as part of an **EXCEL TECC** program will be sent information from Mayfield concerning what book to read over the summer.

Charles F. Brush High School Summer Reading List 2020-2021

9 th Grade Courses	Title	Author
English 9	Choose One:	
	The Curious Incident of the Dog in the	Haddon
	Night-time	
	A Long Way Gone	Beah
	Red Scarf Girl	Ji-Li Jiang
	I am Alfonso Jones	Medina
	The Sisterhood of the Traveling	Brashares
	Pants	
Honors 9*	To Kill a Mockingbird	Lee
	The Kite Runner	Hosseini
10th Grade Courses	Title	Author
English 10	Choose One:	
5	Maus	Spiegelman
	I am Malala	Yousafzai
	Born a Crime	Noah
	Sold	McCormick
	The Long Walk to Water	Park
Honors 10*	Night	Wiesel
	Black Boy	Wright
11 th Grade Courses	Title	Author
American Literary Heritage	Choose One:	
Integrated English 11	Orphan Train	Kline
	March	Lewis
	Dear Martin	Stone
	The Pregnancy Project	Rodriguez
	The 57 Bus	Slater
American Literature, Writing & Research	Choose One:	
	Orphan Train	Kline
	March	Lewis
	Dear Martin	Stone
	The Pregnancy Project	Rodriguez
	The 57 Bus	Slater
Honors II*	Their Eyes Were Watching God The Scarlet Letter	Hurston
	The Scarter Letter	Hawthorne
12 th Grade Courses	Title	Author
Cultural Influences in Media & Writing	Fahrenheit 451	Bradbury
Modern Literature Integrated English 12	Fahrenheit 451	Bradbury
British Literature	The Once and Future King:	White
British Enerature	Sword in the Stone	white
AP British Literature*	COMIC DRAMA:	
	Grammer Gurton's Needle	Anonymous
	Much Ado About Nothing	Shakespeare
	She Stoops to Conquer	Goldsmith
	The Importance of Being Earnest	Wilde
	Blithe Spirit	Coward
	<i>NOVEL:</i> <i>Pride and Prejudice</i>	Austen
	1 ride dha 1 rejudice	Ausien

English 9 Course Number: 1110A/1110B Full Year

Literature activities introduce the students to traditional and contemporary literature. Selections drawn from a wide range of sources and cultures reflect the diversity and richness of literature. The course provides a comprehensive study of literary types: epics, short stories, non-fiction, poetry, drama, and the novel. The student discovers, interprets, evaluates, and applies ideas/themes of literature through guided discussions, cooperative groups, and individual response and analysis. Composition activities are designed for the student who has a command of writing and grammar fundamentals and is ready to experiment with a variety of writing techniques. Students review the basic elements of the paragraph and methods of paragraph development. By the conclusion of the course, students will be expected to write compositions of several paragraphs.

Composition practice focuses on the skills for effective description and narration. Techniques of exposition and the foundations of research are introduced. Vocabulary is strengthened through the selection of precise words and the study of the connotation of words. Grammar, mechanics, and usage skills will be presented as needed. Summer Reading is required. (See chart on page 43)

English 10 Course Number: 1205A/1205B Full Year **Prerequisite: English 9**

Reading and literature activities focus on twentieth century western and non-western works that present personal, cultural, social, ethical, and political concerns that confront modern society. The approach is thematic and includes fiction, non-fiction, poetry, and drama. Text selections will enable the student to gain a global view of literary traditions, develop an understanding of and appreciation for, diversity in literary works, and determine the common characteristics, techniques, and themes found in all cultures and their literature. Composition activities emerge from the literature studies and themes presented. Emphasis will be given to the writing of exposition and on the development of skills in diction and sentence structure to achieve a mature style. The student will clarify his/her thoughts, organize them, and set them down in writing. Grammar, mechanics, and usage skills will be presented as needed. Students are required to complete a research paper. Summer Reading is required. (See chart on page 43) A standardized End-of-Course exam, mandated by the State of Ohio is required for this course.

11th grade **English 11 (American Literature Writing and Research) Course Number: 1305 Full Year** 1 Credit **Prerequisite: English 10 B**

Composition activities are designed to refine expression in descriptive, expository, argumentative, and persuasive essays. Emphasis is placed on the writing process with a special focus on the use of appropriate diction and varied desired effect. An intensive unit on the techniques of the research paper and appropriate documentation will culminate in the production of an individual research paper, a requirement of the course. Grammar, mechanics, and usage skills will be presented as needed. Readings and literature activities provide a background in the styles and themes which form America's literary tradition. The course traces, chronologically and/or thematically, America's earliest literary beginnings, from her colonial endeavors, through her advancements historically, culturally, socially, and technologically, and through the twentieth century. Traditional works as well as those by minority and women writers will introduce the student to the rich diversity of American literature. Summer Reading is required. (See chart on page 43)

10th grade

1 Credit

English 11 Course Number: 1310 Full Year Prerequisite: English 10A

Composition activities are designed for the student who plans to enter the world of work or a junior or vocational college after graduation. All areas of written and oral communication, including the various types of business correspondence, are emphasized. Literature activities are designed to give the students an appreciation of the diverse cultural heritage in American literature. The students will read, write about, and discuss the content, form, themes, and importance of literature by major American authors from varied backgrounds from the earliest literature to the present.

Summer Reading is required. (See chart on page 43)

Integrated English 11 Course Number:1320 Full Year

Prerequisite: English 10

Composition activities are designed for the student who plans to enter the world of work or a junior or vocational college after graduation. All areas of written and oral communication, including the various types of business correspondence, are emphasized. Literature activities are designed to give the students an appreciation of the diverse cultural heritage in American literature. The students will read, write about, and discuss the content, form, themes, and importance of literature by major American authors from varied backgrounds from the earliest literature to the present. Students taking this course will receive intensive ELA I/II EOC support and will be required to take the ELA I and/or ELA II EOC in December of their junior year. **Summer Reading is required. (See chart on page 43)**

English 12 Modern Literature and Composition12th gradeCourse Number: 1410 Full Year1 CreditPrerequisite: C in English 11 (American Literature Writing and Research) or recommendation of
junior year teacher.

NOTE: Qualified seniors are encouraged to take both Modern Literature and British Literature in their senior year. Modern Literature and Composition presents a thematic view of twentieth century literature and the arts to enable students to broaden their literary experience and strengthen interpretive skills. Major works, both print and visual, which convey numerous viewpoints on the theme, serve as the foundation of the units. These may include THE INDIVIDUAL IN SOCIETY, UTOPIAN SOCIETIES, INTELLECTUAL FREEDOM, SCIENCE AND THE HUMANITIES. Current events, ethical issues, and social concerns are explored through the literature; which includes full length fiction, nonfiction, poetry, drama, and film. Students will read modern and contemporary works and compare/contrast them with modern renditions in print and film. Designed to provide a foundation for college freshman writing courses, Modern Literature and Composition offers students the opportunity to practice a variety of writing types. Composition skills are practiced extensively and are refined throughout the course as writings range from personal response to analysis and criticism of what is read, discussed, and viewed. Writing assignments emerge from the literature and themes studied. Students can expect to display their knowledge and appreciation of work in writing, projects, and performances. **Summer Reading is required. (See chart on page 43)**

11th grade 1 Credit

11th grade

1 Credit

46

English 12 Cultural Influences Course Number: 1415 Full Year Prerequisite: English 11

This course involves a study of both classic and modern literature and visual media and the relationship between them, as well as the traditional literary and societal influences which have helped to shape modern and contemporary works. Primary emphasis is on the development of character and or theme in novels and short works of fiction. Other units include a study of language and language terms, film, modern non-fiction, poetry and the essay. Reading and writing skills are stressed. **Summer Reading is required.** (See chart on page 43)

Integrated English 12 Course Number: 1420 Full Year Prerequisite: English 11

This course involves a study of both classic and modern literature and visual media and the relationship between them, as well as the traditional literary and societal influences which have helped to shape modern and contemporary works. Primary emphasis is on the development of character and or theme in novels and short works of fiction. Other units include a study of language and language terms, film, modern non-fiction, poetry and the essay. Reading and writing skills are stressed. Students taking this course will receive intensive ELA I/II EOC support and will be required to take the ELA I and/or ELA II EOC in December of their senior year. **Summer Reading is required. (See chart on page 43)**

English 12 British Literature and Composition	12 th grade
Course Number: 1405 Full Year	1 Credit
Prerequisite: C+ in English 11 or recommendation of jun	ior year teacher.
NOTE: Qualified seniors are encouraged to take both Br	ritish Literature and Modern Literature in
their senior year.	

British literature provides a chronological survey of selected works and authors from the Anglo-Saxon period through the modern period. During the first semester, students read, write about, and discuss content, form, theme and importance of selected British masters and their works from the Anglo-Saxon through the medieval period. During the second semester, students read and analyze satire, prose, and poetry through the Romantics period. Pertinent historical events are discussed as they influence the literature of the period. The development of the English language through word origins and selected vocabulary is also a feature of the course. Composition activities focus on the in-class essay, literary reactions and analysis, and the primary source paper. Students will select, read independently, and produce a literary critique of two British novels. Students can expect to display their knowledge and appreciation of their work in writings, projects, and performances. **Summer Reading is required. (See chart on page 43)**

12th grade 1 Credit

Honors English 9

Course Number: 1100 Full Year

Prerequisite: Teacher recommendation, STARS Assessment date and/or Gifted Identification, and overall classroom performance will be given consideration.

The course includes the strengthening of vocabulary through the study of context and use in literature and the application of grammar concepts through systematic writing assignments focusing on specific skills of exposition. Students read short stories, novels, poetry, mythology, and drama. Because of the intensive, in-depth reading and writing demands of this course, letter grades are weighted. Students entering this class must be highly motivated, exhibit an enthusiasm for extensive and varied reading analysis, and an interest in exchanging ideas and challenging assumptions appearing in literature. Summer reading and a writing assignment are required to be completed prior to and due on the first day of school. (See chart on page 43)

Honors English 10

Course Number: 1200 Full Year

Prerequisite: C+ or better in Honors English 9 or teacher recommendation

The course includes a study of novels from the nineteenth and twentieth centuries, Greek drama, Shakespearean drama, a modern drama, and a poetry unit. Supplementary reading focuses on biography and other non-fiction works. Composition assignments, both in and out of class, include the analytical essay and literary critique. Extensive vocabulary study helps sharpen writing skills. Summer reading and a writing assignment are required to be completed prior to and due on the first day of school. (See chart on page 43)

Honors English 11

Course Number: 1300 Full Year

Prerequisite: Successful completion of Honors English 9 or Honors English 10 or sophomore year teacher recommendation. The course includes extensive reading of significant novels, dramatic works, poetry and philosophy with an emphasis on American literature. Additionally, students will read works of literary criticism and write a critical essay on each of the readings. Students must complete a ten to twelve page term paper in the second semester. Summer reading and a writing assignment are required to be completed prior to and due on the first day of school. (See chart on page 43)

Advanced Placement	12 th grade
English Literature and Composition	1 Credit
Course Number 1400 Full Year	

Prerequisite: Completion of Honors English 11 with a C+ or higher

The course is a chronological survey of English literature with special emphasis on drama and poetry. Class format follows the seminar approach to enable the student to examine the style, content, and literary quality of a work and to refine organizational and articulation skills. The skills of close reading, interpretation, analysis, and evaluation are emphasized. To develop precision in diction and in expression of ideas in preparation for college work and the AP exam, emphasis is placed on the in-class analytical essay.

Summer reading and a writing assignment are required to be completed prior to and due on the first day of school. (See chart on page 43)

Students enrolled in Advanced Placement course(s) are REOUIRED to take the Advanced Placement Exam.

9th grade 1 Credit

1 Credit

11th grade

10th grade

1 Credit

Language Arts Electives

Credit from elective courses DOES NOT apply toward the four-credit Language Arts requirement. A course in public speaking gives students the confidence and poise necessary for success in college and in careers. The Language Arts Department highly recommends that each student take introduction to Speech as part of their elective program at Brush. One full credit of a speech or drama course will qualify as the Fine Arts credit for an Honors Diploma.

Beginning Speech

Course Number: 1250 One Semester

This course is for all students interested in learning how to organize ideas, explore many aspects of oral communication and become more efficient listeners. Students will learn techniques of voice and body control, how to use a variety of audio-visual aids in speech making, and how to prepare and deliver speeches to inform, stimulate, process and persuade.

Advanced Speech

Course Number: 1251 One Semester

Prerequisite: Beginning Speech This course includes the study of communication skills needed for effective discussion, basic principles of argumentation and theories and concepts of persuasive communication. Experimentation with various forms of oral interpretations of prose, poetry, monologues and Reader's Theater is included. The Course is designed to increase the students' abilities to think critically and to establish interpersonal relationships within the context of the group.

Writing for Success

Course Number: 1919 One Semester

The primary focus of this class is to support students who plan on attending college. The focus will be to work in small groups to improve the student's ability to write in an academic setting. Students will focus on academic writing, technical writing, grammar and mechanics. Students will get personal attention from the teacher to help them to understand the process of writing. The forms that will be addressed are: five (5) paragraph essays, compare and contrast essays, narrative essays, expository pieces and research writing.

Theater I & Improv

Course Number: 1260 Full Year

This year-long course focuses on the principles of theater and improvisation. The class introduces students to theater history, character development, costume design and make-up, script analysis, rehearsal and performance, reader's theater, and the technical elements of production. The course will also introduce students to the elements of improvisational acting in both individual and ensemble performance settings. This aspect of the course will teach students the art of spontaneous creation. Individual and group exercises progress from pantomime through dramatic and comedic monologues, a duet and small group scenes and one-act plays.

9th, 10th, 11th, 12th grade .50 Credit

9th, 10th, 11th, 12th grade 1 Credit

9th, 10th, 11th, 12th grade .50 Credit

10th, 11th, 12th grade

.50 Credit

Theater II & Acting Course Number: 1262 Full Year Prerequisite: C or higher in Theater I

This course builds on the theories and skills introduced in Theater I and Improv designed for the student who is interested in gaining a deeper understanding of drama. Theater II exposes students to a broad range of classic and contemporary drama, including works from the Greeks, Commedia dell'Arte, Shakespeare, and modern and contemporary drama. Students will focus on the dramatic and literary merits of these works. Students will have the opportunity to choose and prepare monologues and ensemble scenes for study and may, as a team, develop a theater production for public performance.

Introduction to Creative Writing Course Number: 1915 One Semester

This course provides an outlet for students who wish to explore the imaginative expression of ideas. Students will gain an appreciation for the creative process by examining literary models and producing a variety of short literary works including character and story sketches, lyric poems, children's books and other commercial creative projects as time allows. Students will be expected to keep a writer's journal, write and revise daily, work with others to share and critique student work and submit completed works for publication. Student's work will be evaluated through a portfolio/collection of works.

Intro to Women's Literature Course Number: 1922 One Semester Prerequisite: C+ in English 10 or English 11

This course will introduce students in grades 11-12 to a variety of literature by and about women. Students will closely and critically read fiction, poetry, drama, and non-fiction from different periods of history and compare the different perspectives of women in place and time. Students should be prepared to read, write, and discuss the selections and reflect on the contribution of women both nationally and globally. Students enrolled in this course should enjoy reading and discussing literature.

Science Fiction and Fantasy Literature Course Number: 1921 One Semester Prerequisite: C+ in English 10 or English 11

Almost half of the top money making movies of all time are science fiction or fantasy films; clearly the genre appeals to many people. This course will trace the roots of science fiction and fantasy literature. It will also examine some of the major writers and major themes using a collection of novels and short stories, as well as some videos. More often than you realize, the advancements of science fiction has become science fact!

10th, 11th, 12th grade 1 Credit

11th & 12th grade .50 Credit

11th and 12th Grade .50 Credit

11th and 12th Grade .50 Credit

MATHEMATICS

COURSE NUMBER	COURSE	PREREQUISITE	GRADE LEVEL	LENGTH OF COURSE	CREDIT
3120	Algebra 1	None	9	Full Year	1
3120EOC	EOC Algebra	By selection	9-10-11-12	1/2 year	.50
3125 ADD 11th grade	Geometry	Algebra1 (passed AIR) or Algebra 2	9-10-11	Full Year	1
3210	Adv. Algebra 2	Geometry	10-11	Full Year	1
3205	Algebra 2	Algebra 1	10	Full Year	1
3410	College Algebra 2	Algebra 2	12	Full Year	1
3315	FST	Adv. Algebra 2 (#3210) or College Alg. 2	11-12	Full Year	1
3310	Pre-Calculus	FST or Adv. Algebra 2 (#3210)	11-12	Full Year	1
3135	Honors Algebra 1	Teacher Rec.	9	Full Year	1
3105	Honors Algebra 2 w/Trig	Honors Geometry	10-11	Full Year	1
3130	Honors Geometry	Honors Algebra 1	9-10	Full Year	1
3300	Honors Analysis	Honors FST	11-12	Full Year	1
3400	AP Calc AB	Honors Analysis or Pre-Calculus	12	Full Year	1
3403	AP Calc BC	Honors Analysis	12	Full Year	1
3525	AP Stats	Honors Analysis or Pre-Calculus	12	Full Year	1
3313	Calculus	Pre-Calculus	12	Full Year	1
3530	Discrete Math	FST, Algebra 2, or College Algebra 2	12	Full Year	1

A passing grade in all courses is a prerequisite for the next course. A <u>full credit</u> is required prior to scheduling the next course. A half credit can be made up in summer school, twilight school or student will need to repeat the course the following year.

Algebra 1 Course Number: 3120 Full Year Prerequisite: None

This college Preparatory course will focus on the Mathematics Standards. The topics will include linear, exponential and quadratic function, mathematical modeling of data for all said functions. Students will understand and classify numeral patterns as arithmetic and geometric sequences. Graphing and solving systems of linear equations and inequalities. Topics in number theory will include the properties of real and imaginary number values. Students will obtain a strong understanding of polynomial operations including factoring quadratics. (TI-30 scientific calculator is required for this course.) *A* standardized End-of-Course exam, mandated by the State of Ohio is required for this course.

EOC Algebra Course Number: 3120EOC 1/2 year Prerequisite: ***By selection

This course will aid students to further those skills necessary to pass the Algebra EOC (End of Course of Exam). The exam will be given in December or April. Included in the exam are the common core Algebra standards. The standards include: problem solving, working with numbers, expressions, and operations, systems of equations, domain and range, understanding the characteristics of a function, writing and solving linear functions, equations, and inequalities, representing and solving quadratic functions and equations, and making generalizations about data and distributions. Technology support is the IXL program. Released test questions from the state are used as a reference to teach the level of difficulty and rigor to students.

Geometry9th, 10th, or 11th gradeCourse Number: 3125 Full Year1 CreditPrerequisite: Algebra 1 (proficient score on Algebra 1 AIR test) or Algebra 2

This college preparatory course will focus on Mathematical Standards. The topics will cover a wide range of geometrical foundations; such as constructions, theorems, postulates, properties and proofs. The initial content will revolve around points, lines, planes and transformations in the coordinate plane. This content will build to application problems of two-dimensional and three-dimensional shapes in the real world. The next main content will take an in-depth look at triangles such as properties of congruence and similarity within the coordinate plane, and trigonometry application problems. From there, the course studies quadrilaterals by categorizing them and analyzing their unique properties. The last geometric figure that will be studied is circles. This topic will look at properties of circles, along with deriving equations of, and applying arc length and area of a sector to real world applications. The course will conclude with data analysis using compound probabilities, permutations and combinations. Technology support will take the form of Pearson EnVision. (**TI-30 scientific calculator required for this course).**

9^{th,} 10th, 11th, 12th .50

Algebra 2 Course Number: 3205 Full Year Prerequisite: Algebra 1

The following topics will be covered: equations & inequalities, systems, quadratic functions, real & complex numbers, polynomial functions and matrices. In the classroom, the student will learn to use multiple representations to analyze questions and evaluate answers. (TI-83 Plus graphing calculator is required for this course). A standardized End-of-Course exam, mandated by the State of Ohio is required for this course.

College Algebra 2 Course Number: 3410 Full Year Prerequisite: Algebra 2

This is the second course in a college preparatory Algebra 2 sequence; this course is only for seniors of the 2020-2021 school year that completed the Algebra 2 course last school year. The following topics will be covered: exponential & logarithmic functions, rational and radical functions, sequences & series, counting methods and probability, as well as introductory statistics. In the classroom, the student will learn to use multiple representations to analyze questions and evaluate answers. (TI-83 Plus graphing calculator is required for this course).

Advanced Algebra 2 Course Number: 3210 Full Year Prerequisite: Geometry (C or better)

Algebra 2 is an extension of our College Preparatory program. The student will expand their understanding of the four critical topics formulated from State Standards; functions, modeling, geometry and statistics & probability. Topics will include in depth exploration of polynomial, rational, radical and exponential functions. The course will examine right triangle trigonometry, trigonometric identities, the unit circle and transformation on graphs of diverse functions. Emphasis of instruction will be the development of Standards of Mathematics Practices. (**TI-83 Plus graphing calculator is required for this course**).

Functions Stats & Trigonometry Course Number: 3315 Full Year Prerequisite: Algebra 2-(Course #3210)

This course is offered to strengthen the mathematical skills of students who have successfully completed Algebra 2, but are not ready to enter Pre-Calculus. Graphing calculators are used throughout the course to promote a student's ability to visualize functions, to simulate experiments, and to develop a concept of limit. Topics include polynomial, trigonometric, exponential and logarithmic functions, sequences and series, and permutations. **(TI-83 plus graphing calculator is required for this class).**

11th, 12th grade 1 Credit

10th, 11th grade

1 Credit

10th grade 1 Credit

12th grade

1 Credit

The honors level class is designed for freshmen and sophomores that have demonstrated well-developed mathematical skills in honors Algebra. The material is presented in a more rigorous manner using more challenging exercises and complex proofs. The content standards will be covered more in depth and with a greater level of abstraction. The content standards include constructions and proofs, right triangles and trigonometry, transformations and probability, planar and solid Euclidean geometry. The Mathematical Practice Standards apply throughout this course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. Students will take the state mandated end-of-course exam. Students are required to purchase a graphing calculator. (TI-30 Scientific calculator is required.) 10th, 11th grade Honors Algebra 2 with Trigonometry

real-world application. Students taking this course are required to have a **TI-30 scientific calculator**. A standardized End-of-Course exam mandated by the State of Ohio is required for this course. **Honors Geometry** Course Number: 3130 **Full Year**

Prerequisite: Teacher Recommendation

Prerequisite: Honors Algebra 1 C or higher

Pre-Calculus

Course Number: 3135 Full Year 1 Credit This is an accelerated Algebra I course designed for highly motivated ninth graders with a strong ability level in mathematics. Students will demonstrate high levels of performance with linear, quadratic and exponential functions. There will be solving of multi-operational equations, inequalities and systems of linear equations. Student reasoning will lead to the writing of viable arguments and application to

(TI-83 plus graphing calculator is required for this course). 9th grade **Honors Algebra 1**

This course is required for those students entering technical, scientific, mathematical, computer science, or business majors in college. The course includes: functions of the acute angle; the solutions of right triangles; solutions of oblique triangles; the functions of two angles and complex numbers. This course will also cover the five basic plane curves-straight line, the study of conic sections, determinants and matrices; solutions of higher equations; and sequence and series. The major objective of the course is to prepare the student for a first-year Calculus course. Every student successful in this course should plan to take AP Calculus AB the following year.

Course Number: 3310 Full Year 1 Credit Prerequisite: B- or better in either Algebra 2-(Course #3210) or FST with Department **Recommendation.**

9th, 10th grade 1 Credit

1 Credit

11th, 12th grade

Course Number: 3105 Full Year

Prerequisite: Honors Geometry - C or higher

This is an accelerated Algebra 2 course with an integrated emphasis in trigonometry. This course is for students who will be taking an Advanced Placement math course in their senior year. The course emphasizes facility with algebraic expressions and forms, especially quadratic forms, powers and roots. Students will study logarithmic, trigonometric, polynomial, and other special functions. Additional topics will include polynomial identities to complex numbers, fundamental Theorem of Algebra, Binomial Theorem and operations of rational expressions.

Students taking this course are *required* to have a TI-83/84 calculator.

Honors Analysis Course Number: 3300 Full Year Prerequisite: C+ or better in Honors Functions, Statistics and Trigonometry and Department

Recommendation. This course is the last in the series of honors prerequisites designed to prepare the student for a full Advanced Placement Calculus BC course in the 12th grade. Students entering this course are expected to be thoroughly familiar with algebraic properties and concepts. Topics discussed include: axioms and properties of ordered fields, complex numbers, mathematical induction, sequences and series, data analysis, polynomial functions, exponential and logarithmic functions, circular and trigonometric functions, an introduction to analytical geometry, and an introduction to derivatives. (TI 83 plus graphing calculator is required for this course).

Advanced Placement Calculus AB Course Number: 3400 **Full Year**

Prerequisite: C+ or better in Pre-Calculus or Honors Analysis and Department Recommendation. This course is designed for all students who passed a complete year of Pre-Calculus in their junior year with a C+ or better. It covers topics included in a first semester college Calculus course and functions are represented from graphical, numerical, algebraic, and verbal approach. Course content parallels the topics identified by the College Board as tested on Advanced Placement Calculus AB exam. Topics covered include: multiple representations of functions, limits and derivatives, differentiation rules, optimization problems, Newton's method, Riemann sums, interpretations and properties of integrals, applications of the integral, differential equations, and slope fields. At the end of this course, the student will take the Advanced Placement AB exam. (TI- 83 plus calculator is required for this course). Students enrolled in Advanced Placement course(s) are **REQUIRED** to take the Advanced Placement Exam.

Advanced Placement Calculus BC

Course Number: 3403 Full Year

Prerequisite: C+ or better in Honors Analysis along with Department Recommendation.

The prime objective of the course is the preparation for the Advanced Placement Examination. While initially conceived for students intending a future mathematics and natural science college major, the course has been broadened to include applications which are important to students with a wide range of other interests. Topics covered are: analytic preparation in the study of functions; theory, proof and applications of theorems related to limits, continuity, differentiability and integrability; algebraic, trigonometric and transcendental functions; and derivations and applications of formulas for differentiating and integrating. Every student enrolled in this course is expected to take the AP Calculus exam at the end of the school year. (TI-83 plus graphing calculator is required for this course). Students enrolled in Advanced Placement course(s) are REQUIRED to take the Advanced Placement Exam.

AP Statistics

Course Number: 3525 **Full Year** 1 Credit Prerequisite: A or B in either Pre-Calculus, Honors FST, Honor Analysis

The purpose of this AP Statistics course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The course will follow the topics and methods of instruction suggested by the College Board. Topics include gathering and analyzing data, planning a statistical study, producing probability models and simulations, and statistical inference. Students will be required to use modern technology to make and prepare presentations and reports; both written and oral. Students taking this course are expected to take the AP Statistics exam at the end of the school year. (TI-83 plus graphing calculator is required for this course). Students enrolled in Advanced Placement course(s) are **REQUIRED** to take the Advanced Placement Exam.

11^{th,} 12th grade 1 Credit

12th grade 1 Credit

12th grade 1 Credit

11th, 12th grade

Calculus Course Number: 3313 Full Year Prerequisite: Pre-Calculus

This calculus class is designed to give students an overview of Calculus topics such as limits and continuity, derivatives, anti-derivatives, integrals and differential equations. While this course covers many of the same concepts found in Advanced Placement Calculus, it is not bound by the pace and rigor necessary for success on the AP Calculus exam. Therefore, this course best suits the student who is mathematically ready to learn the concepts of an entry level calculus class but will not be taking the AP exam. (TI—84 plus calculator is required for this course).

Discrete Math Course Number 3530 Full Year Prerequisite: FST or Algebra 2 or College Algebra 2

This course is offered as a fourth year-of-mathematics class. This course is designed for those students who plan on attending a four-year college. The first semester will include concepts in statistics and probability. The emphasis will be on the use of real data, experimentation and the communication of their outcome. The second semester will introduce students to set theory, apply fundamental counting algorithms to solve applied problems and prove statements by means of inductive reasoning. (TI—84 plus calculator is required for this course).

12th grade 1 Credit

MUSIC

COURSE NUMBER	COURSE	PREREQUISITE	GRADE LEVEL	LENGTH OF COURSE	CREDIT
INSTRUMENTAL					
8175	+Band	Performance Skill & Training Course	9-10-11-12	Full Year	1
8155	+Orchestra	Performance Skill & Training Course	9-10-11-12	Full Year	1
8156	+Chamber Orchestra	Performance Skill & Training Course	10-11-12	Full Year	.50
8182	+Jazz Ensemble	Teacher recommendation Student must also be scheduled for band	9-10-11-12	Full Year	1
VOCAL					
8165	+Concert Choir	Teacher recommendation	9-10-11-12	Full Year	1
8270	+Chorale	Audition	9-10-11-12	Full Year	1
8265	+Soundsation Show Choir	Audition	9-10-11-12	Full Year	1
MUSIC THEORY					
8171	Music Theory I	Musical Literacy, Instructor Approval	9-10-11-12	One Semester	.50
8172	Music Theory II	Music Theory I or Instructor Approval	9-10-11-12	One Semester	.50

+Students are selected for the course

- All types of instrumental music requires an audition and consultation with the teacher.
- Music credits qualify as the Fine Arts Credit for the Honors Diploma

Band

Course Number: 8175 Full Year

9th, 10th, 11th, 12th grade 1 Credit

Prerequisite: Performance skill and completion of Brush Band Training Program. Students new to Brush High School must audition. Band is a FULL YEAR COURSE open to all students who can play a band instrument, read music, and participate in ALL rehearsals and performances. Like many other courses at Brush High School, band requires a significant investment of time beyond regular school hours. All band members will participate in the Marching Band beginning in July and will participate in either Wind Ensemble or Symphonic Band after the Marching Band season is complete. Students will be placed in Wind Ensemble or Symphonic Band based on an audition that is completed in the spring of the preceding year. Students may join band class by successfully completing an audition to demonstrate proficiency in reading music and playing an instrument. (Students with no formal training will first need to receive individual private instruction with a professional teacher in order to gain the skills needed to successfully complete an audition.) Summer rehearsals, performances at football games and band shows, parades, concerts, and OMEA District and State Contests are all integral parts of the course and student evaluation procedures. Students who cannot participate in each of these activities are not eligible to participate in band. Several fees are required for participation in band class. Fees for band camp, uniform cleaning, shoes, and other accessories are paid directly to the SEL Band Boosters in the summer. Students who use school-owned instruments will be assessed a usage fee once each semester. Students must be registered for band during the school day in order to participate in any band activities. Students who are in school-sponsored vocational or postsecondary programs may be exempted from this rule with the approval of the band director and the principal or their designee.

Orchestra

Course Number: 8155 Full Year

Prerequisite: Performance skill and audition.

The orchestra is a performing ensemble composed of students with intermediate performance skills on the violin, viola, cello, and string bass. Students who have not been a member of this school district's orchestra program in the previous year must audition to be accepted into the orchestra. Additionally, students with advanced skills and/or a high level of motivation are invited to become members of the chamber orchestra. All members are strongly encouraged to participate in private lessons.

Chamber Orchestra (Subject to change) Course Number: 8156 Full Year

Prerequisite: Performance skill and audition. Chamber Ensemble is a select group of string musicians. Students perform a wide variety of works scored for smaller groups, students rehearse once weekly after school and are required to attend all rehearsals. Students need to be available for various evening performances.

Jazz Ensemble (2nd Period) Course Number: 8182 Full Year Prerequisite: Audition

2nd period Jazz Ensemble (Brush Jazz Effect) is a year-long course open to all students who can play an instrument, read music and participate in all rehearsals and performances. Students not enrolled in 3rd period band are eligible to enroll pending successful completion of a playing audition and director permission.

9th, 10th, 11th, 12th grade 1 Credit

9th, 10th, 11th, 12th grade .50 Credit

9th, 10th, 11th, 12th grade

1 Credit

Concert Choir

Course Number: 8165 Full Year

Is a non-auditioned vocal ensemble designed to introduce singers to choral ensembles at the high school level. Various vocal techniques will be presented and utilized to teach students to read music and perform a wide variety of musical genres including foreign language. This group is comprised of all high school grade levels. All students of any musical level are welcome to explore vocal music in this class and is a prerequisite to audition for Chorale or Honors Chorus(extracurricular activity). Culminating performances are meaningful and a mandatory component of this class; therefore, performers must be present for all rehearsals and performances, which are both graded. Some rehearsals outside of the school day may be required for various choral events throughout the year.

Chorale

Course Number: 8270 Full Year

Prerequisite: Audition prior to beginning of the school year. Students must be able to sight read music, understand musical notation and have good skill and understanding of proper concert and rehearsal etiquette. Chorale is an auditioned upper-level choir comprised of musically advanced sophomores, juniors, and seniors. Advanced incoming freshmen can audition with the recommendation/ suggestion of the director. Chorale focus turns more towards vocal independence in four-part singing with an emphasis on technique, listening, and sight-reading skills that will act as a base for more complex vocal works in the future. This ensemble is designed to refine choral singing ability, sight-reading skill, a Capella singing, and music theory knowledge. In order to participate in this group, the student must have previous choir experience (i.e. at least one year in Concert Choir unless advance musical skill is shown) and be able to sight-read music, understand musical notation, and have good skill and understanding of proper rehearsal and concert etiquette. Chorale performs in all choral events throughout the year and some community events upon

Soundsation Show Choir

Course Number: 8265 Full Year

Prerequisite: Spring audition including vocal and dance assessment.

Soundsation is an auditioned group comprised of singer/dancers, band, and crew members. Students enrolled perform at choral events at the school, events throughout the community, festivals, and compete in competitions. All students must attend mandatory summer camps as well as rehearsals and performances which are graded. This ensemble meets Monday through Friday during the day with MANDATORY after school rehearsals Monday and Wednesday (5:00-7:00 pm). Students are responsible for the costs of costumes and travel, though many fundraising opportunities are available to offset these costs. Students must be registered for Soundsation during the day; those in school-sponsored vocational or CCP may be exempt from this requirement with approval of the director and principal or designee.

Music Theory 1

Course Number: 8171 One Semester

Prerequisite: The ability to read musical notation (in at least one clef) at the high school level. Music Theory 1 is an entry level music theory course intended for students who have played an instrument, participated in choir, or taken private lessons and are interested in becoming a better musician. Students will develop basic skills in the areas of music history, musical notation, aural skills, and chords that can be applied to a number of instruments.

9th, 10th, 11th, 12th grade 1 Credit

10th, 11th, 12th grade *(9th grade by invitation only) 1 Credit

9th, 10th, 11th, 12th grade 1 Credit

9th, 10th, 11th, 12th grade

.50 Credit

Music Theory 2

Course Number: 8172 One Semester

9th, 10th, 11th, 12th grade .50 Credit

Prerequisite: Music Theory 1 or Instructor approval. Music Theory 2 is an extension of the concepts learned in Music Theory I. Students will learn advanced harmonic techniques, aural skills, and basis arranging and compositional techniques. The course will conclude with two student-designed projects.

SCIENCE COURSE PREREOUISITE CREDIT COURSE GRADE LENGTH OF NUMBER LEVEL COURSE 9-10-11-12 Full Year 4100 Physical & Earth 1 Space Science None Completion of 4105 9-10-11-12 Full Year Biology 1 Physical & Earth Space Science and Algebra 1 (can be concurrent) 4205 Chemistry Adv. Algebra 2 10-11-12 Full Year 1 or College Algebra 2 (can be concurrent) Adv. Algebra 2 or 10-11-12 Full Year 4315 Physics 1 Honors Algebra w/Trig. Can be concurrent. 4328 Environmental Completion of 2 11-12 Full Year 1 units of Science & Science Algebra 2 (Can be concurrent) 4400 AP Biology 1 unit of Chemistry Full Year 11-12 1 4405 AP Chemistry Adv. Algebra 2 or 11-12 Full Year 1 Honors Algebra w/Trig. Can be concurrent 10-11-12 4410 AP Physics 1 Adv. Algebra 2 or Full Year 1 Honors Algebra w/Trig. Can be concurrent 4415 1 unit of Physics 11-12 Full Year AP Physics 2 1 Adv. Algebra 2 or Honors Algebra w/Trig. Can be concurrent 4305 Anatomy & 1 unit each of Bio. 11-12 Full Year 1 Physiology & Chemistry 4515 Honors Biology Completion of Alg. 1 9-10-11-12 Full Year 1 & Physical & Earth/Space Science 4518 10-11-12 Full Year Honors Adv. Algebra 2 or 1 Chemistry HonorsAlgebra w/Trig. Can be concurrent 10-11-12 4520 Honors Physics Adv. Algebra 2 or Full Year 1 Honors Algebra w/Trig. Can be concurrent 4516 11-12 One Semester BIO 1060: Biology & Chemistry 1 CCP Environment, Ecology and Evolution STEM-Introduction to 4335 None 9-10-11-12 One Semester .50 Engineering 4336 STEM: Applied STEM: Introduction 9-10-11-12 One Semester .50 Engineering to Engineering 7120 Computer C or higher in 10-11-12 Full Year 1 Science Algebra 1 Principles

SCIENCE RECOMMENDATIONS

Please review the flow chart for possible science sequences from Grades 9 - 12.

The types of science courses taken by students should be influenced by their long-range goals following high school, as well as their ability and interests. In forecasting for science courses, students must strongly consider the recommendation of their current science teacher. Please study the sequence flowchart for science courses carefully as well as review the specific prerequisites listed for courses to determine your options. Note that many science courses have a math prerequisite.

Students need three years of science for graduation. Science units must include 1 unit of physical sciences, 1 unit of life sciences and 1 unit advanced study in one or more of the following sciences: chemistry, physics, environmental science, or advanced life or physical science.

Students in a college preparatory sequence should complete at least three years of science in high school including one biological science and one physical science. This could include Physical & Earth/Space Science in the 9th grade followed by Biology, Chemistry, Physics, or Environmental Science in the 10th, 11th, 12th grades. Students with strong math skills and long-range goals in math or science could start with Honors Biology in the 9th grade and progress to Chemistry and/or Physics and/or elective courses such asor Anatomy & Physiology. Strongly motivated students are encouraged to consider <u>AP Biology, AP Chemistry, or AP Physics</u> for their junior or senior years.

Science Course Offerings

Suggested sequence: please review Course Descriptions for more information and specific prerequisites.

9 th Grade	10 th Grade	11 th Grade	12 th Grade
PHYSICAL & EARTH/SPACE SCIENCE	BIOLOGY / HONORS BIOLOGY and GROUP A ELECTIVE	CHEMISTRY/HONORS CHEMISTRY or PHYSICS/HONORS PHYSICS or ENVIRONMENTAL SCIENCE and GROUP A ELECTIVE	GROUP A OPTION Or GROUP B OPTION
BIOLOGY OR HONORS BIOLOGY	CHEMISTRY/HONORS CHEMISTRY PHYSICS/AP PHYSICS 1 and GROUP A ELECTIVE	GROUP A OPTION or GROUP B OPTION	GROUP B OPTION

Group A Courses: Computer Science Principles, STEM: Introduction to Engineering, STEM: Applied Engineering

Group B Courses: Environmental Science, Chemistry, Honors Chemistry, Physics, Honors Physics, Physiology, All AP Science Courses

- Please check the course description to make sure you have the proper Science and Math prerequisites.
- Students taking Honors Biology as a 9th grader must have a prerequisite of Physical and Earth Science as an 8th grader, or recommendation of science department coordinator.

Physical & Earth/Space Science Course Number: 4100 Full Year

Prerequisite: None. This course surveys the physical sciences: Chemistry, Physics, and Earth/Space Science. Energy and matter will be the focus of the course, including the study of the composition of matter, changes in matter, forces and motion, energy in systems, and topics in astronomy. This course will stress the development of scientific thinking through problem solving and quantitative analysis. Laboratory activities will be an essential part of this class.

Biology

Course Number: 4105 Full Year

Prerequisite: One full credit of Life Science and Algebra 1 needs to be completed or taken concurrently. Biology is a detailed study of the life sciences. This course is a college preparatory course. Students will explore the major themes of biology including cellular biology, the molecular basis of heredity, evolution, and the diversity of life. There is also an emphasis on scientific procedures and

lab techniques. <u>Computer use and technology will be integral to this class.</u> A standardized End-of-Course exam, mandated by the State of Ohio is required for this course.

9th, 10th, 11th, 12th grade 1 Credit

9th, 10th, 11th, 12th grade

1 Credit

10th, 11th, 12th grade 1 Credit

Course Number: 4205 Full Year1 CreditPrerequisite: Biology or Honors Biology. College Algebra II is required, but may be takenconcurrently. (Algebra II may not be taken concurrently). This course has a strong laboratorycomponent and emphasizes quantitative analytical skills. Topics covered in the course include scientificmethod, metric system, atomic structure, development of the concept of the atom, half-life of an isotope,the periodic chart, properties of the elements, stoichiometry, gas laws, states of matter, molecular shapes,chemical bonding energy changes in a chemical system, and thermodynamics. A scientific calculator is anecessity. Computer use and technology will be integral to this class.

Environmental Science

Course Number: 4328 Full Year

Prerequisite: Completion of two units of any science and Algebra 2 (can be concurrent). Environmental Science is an advanced third year course meant for college-bound students. The class is

designed as a lab class that explores the environmental sciences including ecosystem structure & function, the interconnected spheres (biosphere, atmosphere, hydrosphere, and lithosphere), population dynamics, resource use, and global environmental issues and impacts. <u>Computer use and technology will be integral to this class</u>.

Physics

Chemistry

Course Number: 4315 Full Year

Prerequisite: Adv. Algebra 2 or Honors Algebra w/Trig. (Can be concurrent.)

This course is designed to prepare the student for further work in science, engineering, or health sciences. It is also a recommended basic science course for college-bound students. In physics there is a great deal of emphasis on analytical problem solving. Physics is the study of matter and energy and their relationship to the physical world. Topics include: classical mechanics (Newton's Laws, rotational motion, momentum, and energy), waves, geometrical optics, and electricity. Laboratory experiments, special projects, and topical readings are an integral part of this course. <u>A scientific calculator is a necessity. Computer use and technology will be integral to this class.</u>

Anatomy & Physiology11th, 12th gradeCourse Number: 4305 Full Year1 CreditPrerequisite: Biology or Honors Biology and Chemistry or Honors Chemistry.SUMMER READING, WRITING AND/OR OTHER WORK: STUDENTS WILL BE NOTIFIEDThis course should prove helpful to students preparing for a medically oriented career. Prospective nurses,laboratory technicians, physical therapists and physicians can use this as a preparatory course. Modernphysiology includes the study of the anatomy of the body, and studies of the functions of the body utilizingthe sciences of physics and chemistry. Enzyme action, digestion, muscle and nerve action, respiration andother functions of the body are studied. Computer use and technology will be integral to this class.NOTE: In any physiology class offered at Brush, dissection is a major lab component. If you are notable to perform a dissection, then you should not take a physiology class.

10th, 11th, 12th grade 1 Credit

11th, 12th grade 1 Credit

STEM-Introduction to EngineeringCourse Number: 4335One Semester

Prerequisite: none

The focus of this course is the engineering design process and its application. Through hands-on projects, students apply engineering standards and document their work. Students will use 3D modeling software to help them design solutions to solve problems, document their work using an engineer's notebook, and communicate solutions to peers and members of the professional community. Students will work on projects and solve problems dealing with topics such as: positive messaging, truss structures, architecture, programming, computer aided design and manufacturing, biospherics, and more. Students choosing this course should have a strong interest in science and mathematics. <u>Computer use and technology will be integral to this class.</u>

STEM: Applied Engineering						
Course Number: 4336	One semester					
Prerequisite: STEM: Introd	uction to Engineering					

The focus of this course is to further explore the engineering design process and its application. Through hands-on projects, students apply engineering standards and document their work. Students will use 3D modeling software to help them design solutions to solve problems, document their work using an engineer's notebook, and communicate solutions to peers and members of the professional community. Students will work on projects and solve problems dealing with topics such as: architecture, programming, robotics, computer aided design and manufacturing, biospherics, and more. Students choosing this course should have a strong interest in science and mathematics. <u>Computer use and technology will be integral to this class.</u>

Computer Science Principles Course Number: 7120 One Semester Prerequisites: "C or higher" in Algebra 1

The fundamentals of computing, including problem solving, working with data, understanding the Internet, cybersecurity, and programming. Goal of course is to broaden the skills for future study or a career in computer science or other STEM fields.

10th, 11th, 12th grade 1 Credit

9th, 10th, 11th, 12th .50 credit

SCIENCE HONORS/ADVANCED PLACEMENT PROGRAM

Honors Biology

Course Number: 4515 Full Year

SUMMER READING, WRITING, AND/OR OTHER WORK: STUDENTS WILL BE NOTIFIED Prerequisite: One full credit of Physical & Earth Science and Algebra 1, or recommendation of science department coordinator. Honors Biology is a rigorous course that follows the topics of Biology but with a fast pace and greater depth. Topics include evolutionary biology, diversity and interdependence of living things, cellular biology, and the molecular basis of heredity. Emphasis is placed on the use of the microscope and the comparative anatomy and physiology of different organisms. There is also an emphasis on proper lab technique and technology. This is an excellent course to take for students who are interested in taking AP Science classes in later years, though it is not a prerequisite for these classes. <u>A Scientific</u> Calculator is a necessity. Computer use and technology will be integral to this class. *A standardized End-of-Course exam, mandated by the State of Ohio is required for this course*.

Honors Chemistry10th, 11th, 12th gradeCourse Number: 4518 Full Year1 CreditPrerequisite: Advanced Algebra 2 or Honors Algebra 2 with Trig. (Can be concurrent.)SUMMER READING, WRITING AND/OR OTHER WORK: STUDENTS WILL BE NOTIFIED.Honors Chemistry is a rigorous course that follows the topics of general Chemistry but with a faster paceand greater depth. Greater emphasis is placed on the mathematical treatment of chemical topics, such asequilibrium, acid- base and thermodynamics. This is an excellent course for students who are interested intaking AP Science classes in later years, though it is not a prerequisite for these classes. A ScientificCalculator is a necessity. Computer use and technology will be integral to this class.

Honors Physics

Course Number: 4520 Full Year

Prerequisite: Advanced Algebra 2 or Honors Algebra 2 with Trig. (Can be concurrent.) **SUMMER READING, WRITING AND/OR OTHER WORK: STUDENTS WILL BE NOTIFIED.** Honors Physics is a rigorous course that follows the topics of Physics but with a faster pace and greater

depth. The student should have an excellent working knowledge of Algebra. Topics include: classical mechanics (Newton's Laws, rotational motion, momentum, and energy), waves, geometrical optics, and electricity. This course is designed to prepare the student for further work in science, engineering, or health sciences. This course will prepare students for the AP Physics 1 course. In physics there is a great deal of emphasis on analytical problem solving. <u>A scientific calculator is a necessity. Computer use and technology will be integral to this class.</u>

10th, 11th, 12th grade

1 Credit

Course Number: 4410 Full Year1 CreditPrerequisite: Advanced Algebra 2 or Honors Algebra 2 with Trig. (Can be concurrent.)SUMMER READING, WRITING AND/OR OTHER WORK: STUDENTS WILL BE NOTIFIED.AP Physics 1 is a rigorous course that follows the College Board AP Physics 1 curriculum. The studentshould have an excellent working knowledge of Algebra. Topics covered will include dynamics, statics,rotational dynamics, projectile motion, torque, momentum, electricity, sound, and energy. This course isdesigned to prepare the student for further work in science, engineering, or health sciences. This course willprepare students for the AP Physics 1 test and the AP Physics 2 course. In physics there is a great deal ofemphasis on analytical problem solving. A scientific calculator is a necessity. Computer use and technologywill be integral to this class. Students enrolled in Advanced Placement course(s) are REQUIRED to takethe Advanced Placement Exam.

Advanced Placement Biology

Advanced Placement Physics 1

Course Number: 4400 Full Year

Prerequisite: Chemistry or Honors Chemistry and above-average achievement in all science classes SUMMER READING, WRITING AND/OR OTHER WORK: STUDENTS WILL BE NOTIFIED. The course meets for 1 period every day. The AP Biology course is the equivalent of an introductory biology course taken by biology majors during their first year in college. The course includes advanced concepts at the college level and utilizes laboratory skills and techniques, which relate these concepts. <u>A</u> Scientific Calculator is a necessity. Computer use and technology will be integral to this class. One of the objectives of the program is to prepare the student to achieve well enough on the standard Advanced Placement Exam (given in the spring) to place out of the first year of college course in biology. *Students enrolled in Advanced Placement course(s) are REQUIRED to take the Advanced Placement Exam*.

Advanced Placement Chemistry11th, 12th gradeCourse Number: 4405 Full Year1 CreditPrerequisite: Chemistry or Honors Chemistry and above-average achievement in science classes andAdvanced Algebra 2 or Honors Algebra 2 with Trig.(Can be concurrent.)SUMMER READING, WRITING AND/OR OTHER WORK: STUDENTS WILL BE NOTIFIED Thecourse meets for 1 period every day.

The AP Chemistry course is a second year course in chemistry. It is the equivalent of the first year chemistry course in college. The course includes advanced concepts at the college level and utilizes laboratory skills and techniques, which relate these concepts. <u>A Scientific Calculator is a necessity</u>. <u>Computer use and technology will be integral to this class</u>. One of the objectives of the program is to prepare the student to achieve well enough on the standard Advanced Placement Exam (given in the spring) to place out of the first year college course in chemistry. *Students enrolled in Advanced Placement course(s) are REQUIRED to take the Advanced Placement Exam*.

11th, 12th grade 1 Credit

10th, 11th, 12th grade

Advanced Placement Physics 2 Course Number: 4415 Full Year

11th, 12th grade 1 Credit

Prerequisite: Advanced Algebra 2 or Honors Algebra 2 with Trig. (Can be concurrent.) AP Physics 1 or Physics with AP Teacher approval, and above average achievement in science classes. SUMMER READING, WRITING AND/OR OTHER WORK: STUDENTS WILL BE NOTIFIED The course meets for 1 and 1/2 periods every day. AP Physics is based on a course that provides a systematic introduction to the main principles of physics and emphasizes the development of problem-solving ability. The course will be the equivalent of an introductory physics course at the college level that uses advanced algebra and trigonometry as the primary tools for problem solving. Topics covered include the following: waves, sound, electricity, magnetism, fluids, thermodynamics, optics, quantum theory, and nuclear physics. <u>A Scientific Calculator is a necessity</u>. Computer use and technology will be integral to this class. One of the objectives of the program is to prepare the student to achieve well enough on the standard Advanced Placement Exam (given in the spring) to place out of the first year college course in physics. *Students enrolled in Advanced Placement course(s) are REQUIRED to take the Advanced Placement Exam*.

BIO-1060 Lecture and Lab: Environment, Ecology, and Evolution 11th, 12th grade Course Number: 4516 One Semester CCP 1 Credit

Prerequisite: Biology or Honors Biology, and Chemistry or Honors Chemistry

This is a high school/college credit course that meets at Brush High School in cooperation with Cuyahoga Community College. Students will earn 4 semester hours of college credit for successful completion of the course. Designed for non-science majors. Questions about the natural world are explored through an introduction to the principles of evolution and ecology, including how populations change over time and how organisms interact with each other and the environment. Topics include scientific inquiry; nature of science; evolutionary processes; diversity of life; population, community, and ecosystem ecology; human impacts on the environment; environmental stewardship; and regional environmental concerns. Students must adhere to the College Credit Plus policies and timelines in order to enroll for the coming academic year.

You may be able to take some College Credit Plus courses at your high school. You may also travel to the college where you have been admitted or enroll in one or more online courses offered by that college. Currently, <u>only Ohio</u> colleges are eligible to offer College Credit Plus courses.

SOCIAL STUDIES

Successful completion of World History, United States History, and Government, for a total of three (3) credits is required for graduation. Electives should also be considered for additional credit.

COURSE NUMBER	COURSE	PREREQUISITE	GRADE LEVEL	LENGTH OF COURSE	CREDIT
2110	World Studies	None	9	Full Year	1
2105	World Influences on the West	None	9	Full Year	1
2100	₊Honors World History	None	9	Full Year	1
2265	American Studies	World Influences	10	Full Year	1
2260	U.S. History	World Influences	10	Full Year	1
2200	+AP U.S. History	World Influences	10	Full Year	1
2205	~Global Impact	World/US	11-12	Full Year	1
2520	~African/Amer. History I	World/US	11-12	Semester	.50
2521	~African Amer. History II	World/US	11-12	Semester	.50
2300	+~AP Euro History	World/US	11-12	Full Year	1
2410	Civic Responsibility	World/US	11 -12	Full Year	1
2405	Government & Society	World/US	11-12	Full Year	1
2400	+AP Govt. & Politics	World/US	12	Full Year	1
2250	~Human Relations	None	11-12	Semester	.50
2350	~Psychology	World/US	11-12	Semester	.50
2355	+~AP Psychology	Psychology	12	Full Year	1
2430	~Topical Issues	World/US	12	Semester	.50

+Students are selected for this class

~This class does not count towards the 3 year Social Studies requirement for graduation. (Elective Only)

SOCIAL STUDIES REQUIRED COURSES

*WORLD STUDIES	**AMERICAN STUDIES	***CIVIC RESPONSIBILITY
*WORLD INFLUENCES ON THE WEST	**US HISTORY	***GOVERNMENT & SOCIETY
*HONORS WORLD HISTORY	**AP US HISTORY	***AP GOVERNMENT & POLITICS

3 YEAR SOCIAL STUDIES REQUIREMENTS *MEETS WORLD HISTORY REQUIREMENT **MEETS US HISTORY REQUIREMENT ***MEETS GOVERNMENT REQUIREMENT

COURSE	COURSE	PREREQUISITE	GRADE	LENGTH	CREDIT
NUMBER			LEVEL	OF	
				COURSE	
2205	Global Impact	World/US	11-12	Full Year	1
2520	African American History I	World/US	11-12	Semester	.50
2521	African American History II	World/US	11-12	Semester	.50
2400	AP Euro. History	World/US	11-12	Full Year	1
2250	Human Relations	None	11-12	Semester	.50
2350	Psychology	World/US	11-12	Semester	.50
2430	Topical Issues	World/US	12	Semester	.50
2355	AP Psychology	Psychology	12	Full Year	1
2255	Helping Hands Peer Mentoring	None	9-10-11-12	Semester	.50
2525	The Other America	World/US	11-12	Semester	.50

SOCIAL STUDIES ELECTIVE COURSES

World Studies Course Number: 2110 Full year

World Studies is a survey of our world's political, economic, social and cultural developments. Emphasis of the course will be on the newly aligned content standards for Scientific Revolution/Enlightenment period forward to the modern world. The course will address topics in the fields of history, geography, economics, and political science, as well as focus on developing strong non-fiction reading and writing skills.

World Influences on the West Course Number: 2105 Full year

World Influences on the West is a survey of our world's political, economic, social and cultural developments. Emphasis of the course will be on the newly aligned content standards for Scientific Revolution/Enlightenment period forward to the modern world. The course will address topics in the fields of history, geography, economics, and political science, as well as focus on developing strong non-fiction reading and writing skills.

9th grade 1 Credit

American Studies Course Number: 2265 Full year

American Studies is a survey of political, economic, social and cultural developments in the United States. Emphasis will be on the newly aligned content standards for the Progressive Era forward to modern applications of US policy. The course will address topics in the fields of history, geography, economics, and political science, as well as focus on developing strong non-fiction reading and writing skills.

A standardized End-of-Course exam, mandated by the State of Ohio is required for this course.

United States History Course Number: 2260 Full year

United States History is a survey of political, economic, social and cultural developments in the United States. Emphasis will be on the newly aligned content standards for the Progressive Era forward to modern applications of US policy. The course will address topics in the fields of history, geography, economics, and political science, as well as focus on developing strong non-fiction reading and writing skills. *A standardized End-of-Course exam, mandated by the State of Ohio is required for this course.*

Civic Responsibility

Course Number: 2410 Full year

Civic Responsibility is a survey course integrating the study of political science, sociology and economics (financial literacy). Areas of study include the Constitution (US and Ohio), branches of government, federalism, the political process, civil rights and civil liberties, state and local government actions, role of the media, sociology, and financial literacy. The course will focus on developing strong non-fiction reading and writing skills.

A standardized End-of-Course exam, mandated by the State of Ohio is required for this course.

Government and Society Course Number: 2405 Full year

Government and Society is a survey course integrating the study of political science, sociology and economics (with an emphasis on financial literacy). Areas of study include the Constitution (US and Ohio), branches of government, federalism, the political process, civil rights and civil liberties, state and local government actions, role of the media, sociology, economics and financial literacy. The course will focus on developing strong non-fiction reading and writing skills.

A standardized End-of-Course exam, mandated by the State of Ohio is required for this course.

11th, 12th grade 1 Credit

11th, 12th grade

1 Credit

10th grade 1 Credit

SOCIAL STUDIES HONORS/ADVANCED PLACEMENT PROGRAM

Honors World History Course Number: 2100 Full year Prerequisite: Application Process

Honors World History is designed for 9th grade students who plan to apply for entrance into the AP Social Studies Program (grade 10 - 12) Enrollment in Honors World History DOES NOT ensure that a student will be enrolled in the A.P. Program in grade 10. Honors World History is also NOT a requirement for entrance into the A.P. Program. Honors World History is intended for the superior student who desires an intellectual challenge in the study of world history. Honors World History employs strategies (emphasis on primary sources, etc.) and supplementary materials that are effective and challenging to students electing this program. A strong emphasis is placed on questioning and writing, and students should expect individual and class assignments to go well beyond the general level. A brief review of classical and early modern World history gives way to coverage of the Enlightenment period forward to the modern world and will be addressed using the areas of history, geography, economics, government, people in societies, citizenship responsibility, and social studies skills and methods. Summer reading is required for this course, with the assignment due on the 1st day of school. A fee is required for materials. The application form must be obtained from your school counselor and be submitted along with the forecasting sheet.

Advanced Placement United States History (APUSH) Course Number: 2200 Full year Prerequisite: Honors World History

APUSH is college-level in nature, scope and intensity of instruction and textual materials, and is intended for students desiring a greater intellectual challenge in the study of US History. The course is designed to prepare the student for the College Board examination (the instrument most colleges utilize in determining and recognizing a student's success for purposes of advanced credit) which the student is required to take in May of the school year. Areas of study include the survey of US history from its colonial beginnings to the current period with emphasis on important periods of development and the examination of various prominent themes. Because of the intensive, in-depth reading and writing demands of this course, letter grades are weighted. Students entering this class must be highly motivated, exhibit an enthusiasm for extensive and varied study of American history, and possess an interest in exchanging ideas and challenging assumptions that appear in primary and secondary sources. Summer work is required for this course: the assignment will be given prior to the end of the school year and collected the first day of class. Students enrolled in Advanced Placement course(s) are REQUIRED to take the Advanced Placement Exam.

10th grade 1 Credit

Advanced Placement European History Course Number: 2300 Full year Prerequisite: World History/US History (B Average)

AP Modern European History is college level in nature, scope and intensity of instruction, textual materials, etc., and is intended for superior students who desire a greater intellectual challenge in the study of European history. It ultimately prepares the student for the College Board examinations, the instrument most colleges utilize in determining and recognizing a student's success for purposes of advanced credit. Areas of study include the survey of European history from 1450 to current with emphasis on important periods of development and the examination of various prominent themes. Because of the intensive, in-depth reading and writing demands of this course, letter grades are weighted. *Students enrolled in Advanced Placement course(s) are REQUIRED to take the Advanced Placement Exam.*

Advanced Placement Government and Politics Course Number: 2400 Full year

Prerequisite: World and US History (B average)

AP Government and Politics is college-level in nature, scope and intensity of instruction and textual materials, and is intended for students desiring a greater intellectual challenge in the study of American government and politics. The course is designed to prepare the student for the College Board examinations (the instrument most colleges utilize in determining and recognizing a student's success for purposes of advanced credit) which the student is required to take in May of the school year. Areas of study include American constitutional foundations, political philosophy, federalism, civil rights and civil liberties, branches of government, and the policy making process with emphasis on important periods of development and the examination of various prominent themes. Because of the intensive, in-depth reading and writing demands of this course, letter grades are weighted. Students entering this class must be highly motivated, exhibit an enthusiasm for extensive and varied study of the political process, and possess an interest in exchanging ideas and challenging assumptions that appear in primary and secondary sources. *Students enrolled in Advanced Placement course(s) are REQUIRED to take the Advanced Placement Exams*

11th, 12th grade 1 Credit

SOCIAL STUDIES ELECTIVE COURSES

Electives are offered in the Social Studies Program to provide both enrichment and extension into areas of personal interest and future professional responsibility. These courses do NOT fulfill the Social Studies graduation requirements, but they DO count as electives toward graduation.

Human Relations

Course Number: 2250 Semester

Human Relations provides an atmosphere conducive to the exploration of personal values, attitudes and behaviors, with the encouragement of self-understanding and self-awareness. A basic objective of the course is to reveal the basis and cause of personal prejudice and to support individuals in the process of growth and development. Methods employed in Human Relations include a multimedia approach with greatest emphasis on the full length feature film, the development of a democratic atmosphere in the classroom, the employment of group development techniques to provide support for individual members of the groups, a completely inductive approach to learning, and the open exchange of views, attitudes and opinions.

Global Impact

Course Number: 2205 Full year

Prerequisite: World and US History (C+ average)

Global Impact will acquaint students with the world beyond the West. Focus is on the development of various indigenous cultural traditions in Asia, Africa, South America and Australia. The broad range of content for this course creates the opportunity for interdisciplinary study. Thus, students will become familiar with concepts from physical geography, cultural geography and anthropology. The knowledge and skills developed in this course will enable a more comprehensive approach to the grade 12 study of government and society.

African American History I and II Course Numbers: 2520/2521 Semester Prerequisite: World and US History (C+ average)

African American History I and II are two courses covering the history of African Americans. African American History I covers the period of Slavery to 1900 the Civil Rights Movement (1865-1950) while African American History II covers the period from 1900 to present day. the Civil Rights Movement to the present day (1950-current). Both courses will examine socio-political patterns, including education and immigration, and struggles as well as triumphs. Students will analyze African American roles in the military, in government, and in the economy. African American contributions to literature and the arts will be included; as both courses require the reading of a number of primary and secondary sources, some as lengthy as a novel. These sources were authored by leading African Americans in the 19th or 20th century. A research paper is also a major portion of the grade for each of these courses.

11th, 12th grade .50 Credit

11th, 12th grade

1 Credit

11th, 12th grade .50 Credit each

The Other America Course numbers: 2525 Semester

Prerequisite: Completion of World and U.S. History

This course studies American History from the perspective of the Immigrants that came to America after the Nativist Movement, the women, and the Natives who were here well before European exploration. The class analyzes and questions the role of assimilation, accommodation and the struggle to retain a unique culture in the American landscape. A look at America from the laborers, the suffragists and those seeking to acquire their piece of the American Dream. During the course students will examine Chinese immigration and the struggles on the Pacific Coast. A look at women and their role in American history, the Cult of True Womanhood and the role women played in the building of our society, The Irish immigrants and the Native Americans and others. The course is geared towards students who wish to enlarge their world perspective, hone their writing skills, debate and discuss topics of immigration and emigration in America.

Psychology

Course Number: 2350 Semester

Prerequisite: World and US History (C+ average)

This course introduces students to the social science of psychology. It offers the student the opportunity to study the mind, behavior, mental health, and human personality development. Areas of study include scientific methods, brain and nervous system, perception, learning, child/adolescent/adult psychology, and memory and intelligence. By the end of the course, students will better understand the complex factors that help make people who they are.

Topical Issues Course number: 2430 Semester Prerequisite: World and US History (C+ average)

Each semester of Topical Issues is designed as two (2) nine-week seminars on topics of interest and relevance to today's young adults. Examples include Heroic Leadership, History and the Movies, Politics and the Olympics. Student research is a major component of this course

Advanced Placement Psychology Course Number: 2355 Full year **Prerequisite:** Psychology

AP Psychology is college-level in nature, scope and intensity of instruction and textual materials, and is intended for students desiring a greater intellectual challenge in the study of psychology. The course is designed to prepare the student for the College Board examination (the instrument most colleges utilize in determining and recognizing a student's success for purposes of advanced credit) which the student is required to take in May of the school year. This course will introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students will be exposed to the psychological facts, principles, and phenomena associated with each of the major subfields of psychology; they will also learn about the ethics and methods psychologists use in their science and practice. Because of the intensive, in-depth reading and writing demands of this course, letter grades are weighted. Students entering this class must be highly motivated, exhibit an enthusiasm for extensive and varied study of history, and possess an interest in exchanging ideas and challenging assumptions that appear in primary and secondary sources. Summer work is required for this course: the assignment will be given prior to the end of the school year and collected the first day of class.

Students enrolled in Advanced Placement course(s) are REQUIRED to take the Advanced Placement Exam.

11th, 12th grade .50 credit

11th, 12th grade .50 Credit

12th grade

12th grade

.50 Credit

1 Credit

HELPING HANDS PEER MENTORING

Course Number: 2255 Semester

9th, 10th, 11th, 12th grade .50 Credit

Grade is Pass/Fail

Prerequisite: Maintain passing grades, Demonstrate good citizenship skills, and maintain good attendance.

COURSE DESCRIPTION:

This is a service learning project that involves high school students volunteering to work with students with multiple disabilities as a peer role model. In this project students and teachers cooperate to mentor students who struggle with appropriate social skills and have learning deficits. High school students will benefit from this experience through personal development, academic achievement, career exploration, and good citizenship. Service learning for high school credit focuses on real needs in the building in which services provided through high school students will support the learning goals of the multiple disabled students. High school students will engage in classroom activities, as peer models, to MD students 5 times per week for 30-50 minutes sessions to earn credit. This project is available for one semester as outlined in the individual service plan.

COURSE OUTLINE:

Community Service is the center of community involvement and building strong character. These projects must involve the components of research, training, planning, time committed to the service project and evaluation. All projects must have a teacher of record and a project supervisor. Students will be required to keep a portfolio documenting attendance and summarizing activities of an individual service plan. The portfolio must be approved, reviewed, and signed on a regular basis during the projects duration. Sixty (60) hours are required by the teacher of record for one half credit and one-hundred and twenty (120) hours is required for a full credit.

Approval of the project must follow the chain of command (i.e. teacher of record, Principal, Superintendent, and School Board). For this reason, advance planning, application, and approval is important.

WORLD LANGUAGES

COURSE NUMBER	COURSE	PREREQUISITE	GRADE LEVEL	LENGTH OF COURSE	CREDIT
5140	Amer. Sign	None	9-10-11-12	Full Year	1
	Language				
	(ASL I)				
5240	Amer. Sign	American Sign	9-10-11-12	Full Year	1
	Language II	Language I			
	(ASL II)				
5100	French I	None	9-10-11-12	Full Year	1
5105	French II	French I	9-10-11-12	Full Year	1
5200	French III	French II	10-11-12	Full Year	1
5300	French IV	French III	11-12	Full Year	1
5400	French V (Honors)	French IV	12	Full Year	1
5120	Spanish I	None	9-10-11-12	Full Year	1
5125	Spanish II	Spanish I	9-10-11-12	Full Year	1
5210	Spanish III	Spanish II	10-11-12	Full Year	1
5310	Spanish IV	Spanish III	11-12	Full Year	1
5410	Spanish V(Honors)	Spanish IV	12	Full Year	1

Successful studies of world languages can lead to varied career opportunities especially in business fields. It is suggested that a student entering World Language study be doing satisfactory work in English. All world language courses are recommended for college-bound students.

American Sign Language (ASL I) Dual Credit course Course Number 5140

During this beginning course students will learn first year skills for communicating with sign (letters, colors, numbers, basic communication sentences), and will gain a knowledge of common language skills to communicate with the deaf community. This course is designed to be delivered over video conferencing and is supplemented by daily taped recordings of each class period which archive the instructional process. Additional online components will be associated with this course each week. Your instructor will require you to complete and post assignments via the internet. Workbook fee (TBD)

American Sign Language (ASL II) Dual Credit course Course Number 5240

Prerequisite: ASL I

Continuation of ASL I- It is a further study and application of sign language. This course develops a deeper knowledge of ASL grammar and the Deaf culture. Students will demonstrate an understanding of their own cultures as compared to that studied and recognize distinctive viewpoints from both cultures. Students will provide cultural instruction and/or entertainment within and outside of the school district. NOTE: Students will be expected to attend at least one approved scheduled event for observation of sign language in use outside of school hours and report back to the class in both written and signed formats. Daily live instruction via video conferencing; supplemented by daily taped recordings of each class period which archive the instructional process. Workbook/textbook fee TBD.

9th, 10th, 11th, 12th grade 1 Credit

9th, 10th, 11th, 12th grade

1 Credit

77

9th, 10th, 11th, 12th grade 1 Credit

French I Course Number: 5100 Full Year

This course is an introduction to the basic structures of French. Lessons are designed to enable the student to learn the language while also learning about the cultures of those who are from French-speaking countries. On-going study of French pronunciation is apparent throughout the course as the student learns vocabulary focused on practical, thematic content. The present verbs in regular, irregular and command forms are taught. This knowledge will serve as a foundation for more verb tenses in higher-level courses. Many students find that the subject matter here helps them to understand the mechanics of their own language.

French II Course Number: 5105 Full Year Prerequisite: French 1

French II emphasizes an improved competence in the four language skills: listening, speaking, reading and writing. Likewise, an appreciation for French culture and influence is cultivated through the study of the French-speaking countries of the world while developing communicative skills. Pronunciation, reading and vocabulary expansion are stressed at this level, and the student is encouraged to make connections between his or her own personal experiences and the content of the course.

French III

Course Number: 5200 Full Year Prerequisite: French II

This course is designed to review the basic French grammar elements, to improve the student's skills in using the grammar, and develop conversational and reading abilities in French. The student continues to study French culture and civilization with special emphasis on making connections between the similarities and differences of the French-speaking world when compared to our local and national identities. Reading comprehension, self-expression, and cultural appreciation are reinforced through references to contemporary works of art and literature as well as journalism.

French IV Course Number: 5300 Full Year Prerequisite: French III

In the fourth year, the student works toward refining his or her communication skills to an advanced level. High expectations are maintained as grammatical structures are reviewed and practiced in order to improve listening and speaking skills; other elements of the language and culture are also studied. The student reads works of French literature and poetry throughout the Francophone world with the motive of improving reading and writing skills, as well as developing a better understanding of foreign cultures.

French V (Honors) Course Number: 5400 Full Year Prerequisite: French IV ***Pending Enrollment***

Honors French V provides intensive practice of the skills needed to understand authentic written, audio, and video sources in order to deepen the student's understanding of other peoples and cultures. In addition to grammatical and literary studies, there is also an emphasis on the historical, political, and social movements of the contemporary Francophone world. A high degree of oral fluency and composition ability is desired so that the student can communicate on the level of educated French speakers and be understood by any heritage speakers of French.

9th, 10th, 11th, 12th grade 1 Credit

10th, 11th, 12th grade

1 Credit

11th, 12th grade 1 Credit

12th grade 1 Credit

Spanish I Course Number: 5120 Full Year

This course is an introduction to the basic structures of Spanish. Lessons are designed to enable the student to learn the language while also learning about the cultures of those who are from Spanish-speaking countries. An on-going study of Spanish pronunciation is apparent throughout the course as the student learns vocabulary focused on practical, thematic content. The present tense in regular, irregular, and command forms is taught and will serve as a foundation for the learning of more verb tenses in higher-level courses. An introduction to the preterit tense occurs in the second semester. Many students find that the subject matter here helps them to understand the mechanics of their own language.

Spanish II

Course Number: 5125 Full Year Prerequisite: Spanish I

Spanish II emphasizes an improved competence in the four language skills; listening, speaking, reading, and writing. Likewise, an appreciation for Hispanic culture and influence is cultivated through the study of the Spanish-speaking countries of the world while developing communicative skills. Pronunciation, reading, and vocabulary expansion are stressed at this level, and the student is encouraged to make connections between his or her own personal experiences and the content of this course.

Spanish III Course Number: 5210 Full Year Prerequisite: Spanish II

This course is designed to review the basic Spanish grammar elements, to improve the student's skill in using the grammar, and develop conversational and reading abilities in Spanish. The student continues to study Hispanic culture and civilization with special emphasis on making connections between the similarities and differences of the Spanish-speaking world when compared to our local and national identities. Reading comprehension, self-expression, and cultural appreciation are reinforced through references to contemporary works of art and literature as well as journalism.

Spanish IV Course Number: 5310 Full Year Prerequisite: Spanish III

In the fourth year, the student works toward refining his or her communication skills to an advanced level. High expectations are maintained as grammatical structures are reviewed and practiced in order to improve listening and speaking skills; other elements of the language and culture are also studied. The student reads works of Peninsular and Hispano-American literature and poetry with the motive of improving reading and writing skills, as well as developing a better understanding of foreign cultures. Authors studied include Unamuno, Lorca, Borges, and Cela.

9th, 10th, 11th, 12th grade 1 Credit

9th, 10th, 11th, 12th grade 1 Credit

10th, 11th, 12th grade 1 Credit

11th, 12th grade

1 Credit

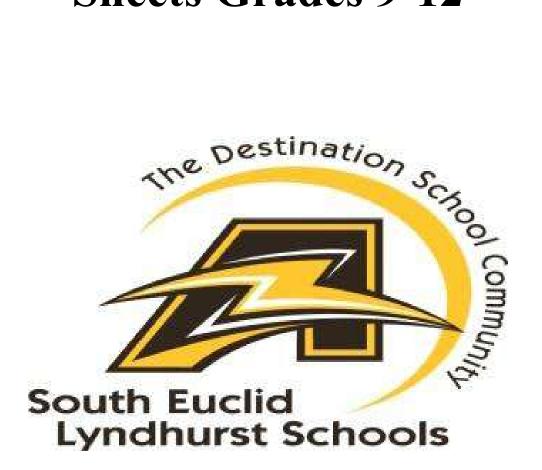
78

Spanish V (Honors) Course Number: 5410 Full Year Prerequisite: Spanish IV ***Pending Enrollment***

12th grade 1 Credit

Honors Spanish V provides intensive practice of all the skills needed to understand authentic written, audio and video sources in order to deepen the student's understanding of other peoples and cultures. In addition to grammatical and literary studies, there is also an emphasis on the historical, political, and social movements of the contemporary Hispanic world. A high degree of oral fluency and composition ability is desired so that the student can communicate on the level of educated Spanish speakers and be understood by a heritage speaker of Spanish.

Forecasting Sheets Grades 9-12



Student Name_

Office Use: Completed

Student ID#____

Charles F. Brush High School Course Request Forecasting Sheet

Grade 9

Need to see my Counselor _____

Teacher Initials	Code	Course	Credit	Teacher Initials	Code	Course	Credit
		Language Arts				Fine Arts	
	1100	Honors English 9	1		6000	Art Foundations	.50
	1110A	English 9 A	1		6125	Photography I	.50
	1110B	English 9 B	1		6215	Graphic Design	1
					6130	^Photography II	.50
		Language Arts Electives			8114	Painting	.50
	1250	Beginning Speech	.50		8118	Drawing	.50
	1260	Theater I & Improv	1		8121	Graphic Design Tools	.50
	1919	Writing for Success	.50		8122	Digital Photoshop	.50
					8123	Ceramics	.50
		Social Studies					
	2100	+ Honors World History	1			Consumer & Computer Tech	
	2105	World Influences on the West	1		7100	Introduction to Business	.50
	2110	World Studies	1		7130	Social Media in Context	.50
	2255	Helping Hands Peer Mentoring	.50				
		Mathematics					
	3120	Algebra I	1			Musical Arts	
	3125	Geometry	1		8155	+Orchestra	1
	3130	Honors Geometry	1		8165	+Concert Choir	.50
	3135	Honors Algebra 1	1		8171	Music Theory I	.50
	3120 EOC	EOC Algebra	.50		8172	Music Theory II	.50
	200				8175	+Band	1
		Science			8182	Jazz Ensemble(2 nd Period)	1
	4100	Physical & Earth Space Science	1				
	4105	Biology	1		8265	+Soundsation/Show Choir	1
	4335	STEM-Introduction to Engineering	.50		8270	+Chorale	1
	4336	STEM-Applied Engineering	.50				
	4515	Honors Biology	1				
						Health & Physical Education	
		World Languages			7151/ 7161	Physical Education 1	.25
	5100	French I	1		7152/ 7162	Physical Education 2	.25
	5105	French II	1		7158	**Weight Training & Fitness I/II	.50
	5120	Spanish I	1		7159	**Strength & Conditioning	.50
	5125	Spanish II	1		7270	*Sports & Exercise Science	.50
	5140	American Sign Language I	1		7275	*Personal Wellness	.50
	5240	American Sign Language II	1		7280	*Fitness for Life	.50
					7285	**Sports Leadership	.50

	Interested in Participating in Athletics	
	Interested in Participating in College Athletics	List 3 additional courses not already selected as alternative choices.
	Interested in Participating in Honors Diploma	
Student	's Signature:	1.
Parent's	s Signature:	2.
*One Se	emester	3.
^Must b	e enrolled in another Foreign Language	
+Studer	nts are selected or may apply	

This course selection sheet <u>MUST</u> be signed by the student and the parent. Return to the Guidance office with all appropriate teacher signatures. Please select your courses carefully and with guidance from your Teachers, Counselor and Parents. Changes will only be made according to the policy stated in the Course Description book. There will be no changes made for any other reason.

Student Name____

Office Use: Completed_

Student ID#_____

Charles F. Brush High School **Course Request Forecasting Sheet** Grade 10

Need to see my Counselor ____

Teacher Initials	Code	Course	Credit	Teacher Initials	Code	Course	Credit
		Language Arts				Fine Arts	1
	1200	Honors English 10	1		6000	Art Foundation	.50
	1205A	English 10 A	1		6125	Photography I	.50
	1205B	English 10 B	1		6130	^Photography II	.50
					6215	Graphic Design	1
		Language Arts Electives			8114	Painting	.50
	1250	Beginning Speech	.50		8118	Drawing	.50
	1251	Advanced Speech	.50		8119	^Advanced Drawing and Painting	1
	1260	Theater I & Improv	1		8121	Graphic Design Tools	.50
	1262	Theater II & Acting	1		8122	Digital Photoshop	.50
	1919	Writing for Success	.50		8123	Ceramics	.50
					8124	^Advanced Ceramics	1
					8125	^Ceramics II	.50
					7136	3D Modeling	.50
		Social Studies					
	2200	+AP US History	1				
	2260	US History	1				
	2265	American Studies	1			Health & Physical Education	
	2255	Helping Hands Peer Mentoring	.50		7151/ 7161	Physical Education 1	.25
		Mathematics			7152/ 7162	Physical Education 2	.25
	3105	Honors Algebra 2./Trig.	1		7158	**Weight Training & Fitness I/II	.50
	3125	Geometry	1		7159	**Strength & Conditioning	.50
	3130	Honors Geometry	1		7250	Health Education	.50
	3205	Algebra 2	1		7270	*Sports & Exercise Science	.50
	3210	Adv. Algebra 2	1		7275	*Personal Wellness	.50
	7120	Computer Science Principles	1		7280	*Fitness for Life	.50
	3120 EOC	EOC Algebra	.50		7285	**Sports Leadership	.50
		Science					
	4100	Physical & Earth Space Science	1			World Languages	
	4105	Biology	1		5100	French I	1
	4205	Chemistry	1		5105	French II	1
	4315	Physics	1		5200	French III	1
	4515	Honors Biology	1		5120	Spanish I	1
	4518	Honors Chemistry	1		5125	Spanish II	1
	4410	AP Physics	1		5210	Spanish III	1
	4520	Honors Physics	1		5140	American Sign Language I	1
	4335	STEM-Introduction to Engineering	.50		5240	American Sign Language II	1
	4336	STEM-Applied Engineering	.50				
<u> </u>	7120	Computer Science Principles	1				

Teacher Initials	Code	Course	Credit	Teacher Initials	Code	Course	Credit
		Musical Arts				Consumer & Computer Tech	
	8155	+Orchestra	1		7100	Introduction to Business	.50
	8156	+Chamber Orchestra	.50		7130	Social Media in Context	.50
	8165	+Concert Choir	1				
	8171	Music Theory I	.50				
	8172	Music Theory II	.50				
	8175	+Band	1				
	8182	Jazz Ensemble(2 nd Period)	1				
	8265	+Soundsation/Show Choir	1				
	8270	+Chorale	1				
	8155	+Orchestra	1				
					<u> </u>		
	<u> </u>					+	+ -
	<u> </u>					<u> </u>	
	<u> </u>					<u> </u>	

 Interested in Participating in Athletics Interested in Participating in College Athletics 	List 3 <u>additional</u> courses not already selected as alternative choices.
Interested in Participating in Honors Diploma	
Parent's Signature:	1.
	2.
	3.
Student's Signature:	
*One Semester	
+ Students are selected or may apply	

This course selection sheet <u>MUST</u> be signed by the student and the parent. Return to the Guidance office with all appropriate teacher signatures. Please select your courses carefully and with guidance from your Teachers, Counselor and Parents. Changes will only be made according to the policy stated in the Course Description book.

There will be no changes made for any other reason.

Student Name___

Student ID#____

Charles F. Brush High School Course Request Sheet

			Grade	11	Need to s	see my counselor	
Teacher Initials	Code	Course	Credit	Teacher Initials	Code	Course	Credit
		Language Arts				Science	
	1300	Honors English 11	1		4100	Physical & Earth Space Science	1
	1305	English 11- American Literature Writing and Research	1		4105	Biology	1
	1310	English 11	1		4205	Chemistry	1
	1320	Integrated English 11	1		4305	Anatomy & Physiology	1
		Language Arts Electives	1		4315	Physics	1
	1250	Beginning Speech	.50		4415	AP Physics 2	1
	1251	Advanced Speech	.50		4328	Environmental Science	1
	1260	Theater I & Improv	1		4410	AP Physics 1	1
	1262	Theater II & Acting	1		4520	Honors Physics	1
	1915	Introduction to Creative Writing	.50		4400	AP Biology	1
	1919	Writing for Success	.50	_	4405	AP Chemistry	1
	1921	Science Fiction & Fantasy Lit.	.50		4515	Honors Biology	1
	1922	Intro to Womens Lit.	.50		4516	BIO 1060/CCP Biology	1
					4518	Honors Chemistry	1
		Social Studies			4335	STEM-Introduction to Engineering	.50
	2205	~Global Impact	1		4336	STEM-Applied Engineering	.50
	2250	~Human Relations *	.50		7120	Computer Science Principles	1
	2300	~+AP European History	1				
	2350	~ Psychology*	.50				
	2405	Government and Society	1				
	2410	Civic Responsibility	1				
	2520	~African American History I	.50			Consumer & Computer Tech	
	2521	~African American History II	.50		7100	Introduction to Business	.50
	2255	Helping Hands Peer Mentoring	.50		7130	Social Media in Context	.50
	2525	The Other America	.50		7141	Financial Literacy	.50
					7142	Transitions and Careers	.50
						Fine Arts	
		Mathematics			6000	Art Foundations	.50
	3210	Adv. Algebra 2	1		6125	Photography I	.50
	3315	Functions Stats & Trig.	1		6130	^Photography II	.50
	3105	Honors Algebra 2/Trig+	1		6135	^AP Studio Art/ Photography+	.30
	3310	Pre-Calculus	1	-	6215	Graphic Design	1
	3300	Honors Analysis	1		8114	Painting	.50
	3120	EOC Algebra	.50		8118	Drawing	.50
	EOC 3125	Geometry	1		8119	^Advanced Drawing & Painting+	1
-	0120		_ ·	_	8121	Graphic Design Tools	.50
					8122	Digital Photoshop	.50
-	+ -	-	F -		8123	Ceramics	.50
					8124	^Advanced Ceramics	1
					8125	^Ceramics II	.50
					8133	AP Studio Art/Drawing	1
					7136	3D Modeling	.50

Teacher Initials	Code			Teacher Initials	Code	Course	Credit
		Health/Physical Education				World Languages	
	7151/ 7161	Physical Education 1	.25		5100	French I	1
	7152/ 7162	Physical Education 2	.25		5105	French II	1
	7158	**Weight Training & Fitness I/II	.50		5200	French III	1
	7159	**Strength & Conditioning	.50		5300	French IV	1
	7270	**Sports & Exercise Science	.50		5120	Spanish I	1
	7275	*Personal Wellness	.50		5125	Spanish II	1
	7280	*Fitness for Life	.50		5210	Spanish III	1
	7285	**Sports Leadership	.50		5310	Spanish IV	1
					5140	American Sign Language I	1
					5240	American Sign Language II	1
		Musical Arts					
	8155	+Orchestra	1				
	8156	+Chamber Orchestra	.50				
	8165	+Concert Choir	1				
	8171	Music Theory I	.50				
	8172	Music Theory II	.50				
	8175	+Band	1				
	8182	Jazz Ensemble(2 nd Period)	1				
	8265	+Soundsation/Show Choir	1				
	8270	+Chorale	1				
					<u> </u>		

Interested in Participating in Athletics	List 3 additional courses not already selected as alternative choices.
Interested in Participating in College Athletics	
 Interested in Participating in Honors Diploma 	
Parent's Signature:	1.
	2.
	3.
Student's Signature:	
*One Semester	
+ Students are selected or may apply	

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Student

Name

Student ID#_

Charles F. Brush High School Course Request Sheet Grade 12

Need to see my counselor _____

Teacher Initials	Code	Course	Credit	Teacher Initials	Code	Course	Credit
		Language Arts				Mathematics	
	1400	AP Eng. Lit. & Composition	1		3120 EOC	EOC Algebra	.50
	1405	English 12 British Literature	1		3310	Pre-Calculus	1
	1410	English 12 Modern Literature & Composition	1		3313	Calculus	1
	1415	English 12 Cultural Influences	1		3400	AP Calculus AB	1
	1420	Integrated English 12	1		3403	AP Calculus BC	1
					3410	College Algebra 2	1
		Language Arts Electives			3530	Discrete Math	1
	1250	Beginning Speech	.50		3525	AP Statistics	1
	1251	Advanced Speech	.50		3315	Functions Stats & Trig	1
	1260	Theater I & Improv	1		3300	Honors Analysis	1
	1262	Theater II & Acting	1				
	1915	Introduction to Creative Writing	.50				
	1919	Writing for Success	.50				
	1921	Science Fiction & Fantasy Lit.	.50				
	1922	Intro to Womens Lit.	.50			Science	
					4100	Physical & Earth Space Science	1
					4105	Biology	1
					4205	Chemistry	1
		Social Studies			4305	Anatomy & Physiology	1
	2400	+AP Gov't & Politics	1		4315	Physics	1
	2205	~Global Impact	1		4415	AP Physics 2	1
	2250	~Human Relations	.50		4328	Environmental Science	1
	2300	~+AP European History	1		4400	AP Biology	1
	2350	~ Psychology	.50		4405	AP Chemistry	1
	2355	+~AP Psychology	1		4515	Honors Biology	1
_	2430	~Topical Issues	.50		4518	Honors Chemistry	1
	2255	Helping Hands Peer Mentoring	.50		4410	AP Physics I	1
	2520	~African American History I	.50		4520	Honors Physics	1
	2521	~African American History II	.50		4335	STEM-Introduction to Engineering	.50
	2525	The Other America	.50	L	4336	STEM-Applied Engineering	.50
	2405	Government and Society	1		4516	BIO 1060/CCP Biology	1
	2410	Civic Responsibility	1	-	7120	Computer Science Principles	1

Teacher Initials	Code	Course	Credit	Teacher Initials	Code	Course	Credit
		Fine Arts				Musical Arts	
	6000	Art Foundations	.50		8155	+Orchestra	1
	6125	Photography I	.50		8156	+Chamber Orchestra	.50
	6130	^Photography II	.50		8165	+Concert Choir	1
	6135	^ AP Studio Art/ Photography	1		8171	Music Theory I	.50
	6215	Graphic Design	1		8172	Music Theory II	.50
	8114	Painting	.50		8175	+Band	1
	8118	Drawing	.50		8182	Jazz Ensemble(2 nd Period)	1
	8119	^Advanced Drawing & Painting*	1		8265	+Soundsation/Show Choir	1
	8121	Graphic Design Tools	.50		8270	+Chorale	1
	8122	Digital Photoshop	.50				
	8123	Ceramics	.50			Consumer & Computer Tech	
	8124	^Advanced Ceramics	1		7130	Social Media in Context	.50
	8125	^Ceramics II	.50		7141	Financial Literacy	.50
	7136	3D Modeling	.50		7143	Career and College Readiness	.50
	8133	^AP Studio Art / Drawing	1				
						World Languages	
					5100	French I	1
					5100 5105		1
						French I	
					5105	French I French II	1
					5105 5200	French I French II French III	1
		Health / Physical Education			5105 5200 5300	French I French II French III French IV	1 1 1
	7151/7161	Health / Physical Education Physical Education 1	.25		5105 5200 5300 5400	French I French II French III French IV French V (Honors)	1 1 1 1 1
	7161 7152/		.25 .25		5105 5200 5300 5400 5120	French I French II French III French IV French V (Honors) Spanish I	1 1 1 1 1 1
	7161 7152/ 7162	Physical Education 1 Physical Education 2			5105 5200 5300 5400 5120 5125	French I French II French III French IV French V (Honors) Spanish I Spanish II Spanish II	1 1 1 1 1 1 1
	7161 7152/	Physical Education 1	.25		5105 5200 5300 5400 5120 5125 5210	French I French II French III French IV French V (Honors) Spanish I Spanish II	1 1 1 1 1 1 1 1 1
	7161 7152/ 7162 7158	Physical Education 1 Physical Education 2 **Weight Training & Fitness I/II	.25		5105 5200 5300 5400 5120 5125 5210 5310	French I French II French III French IV French V (Honors) Spanish I Spanish II Spanish III Spanish IV Spanish V (Honors)	1 1 1 1 1 1 1 1 1 1 1
	7161 7152/ 7162 7158 7159	Physical Education 1 Physical Education 2 **Weight Training & Fitness I/II **Strength & Conditioning	.25 .50 .50		5105 5200 5300 5400 5120 5125 5210 5310 5410	French I French II French III French IV French V (Honors) Spanish I Spanish II Spanish III	1 1 1 1 1 1 1 1 1 1 1 1 1
	7161 7152/ 7162 7158 7159 7270	Physical Education 1 Physical Education 2 **Weight Training & Fitness I/II **Strength & Conditioning *Sports & Exercise Science	.25 .50 .50 .50		5105 5200 5300 5400 5120 5125 5210 5310 5410 5140	French I French II French III French IV French V (Honors) Spanish I Spanish II Spanish III Spanish IV Spanish V (Honors) American Sign Language I	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	7161 7152/ 7162 7158 7159 7270 7275	Physical Education 1 Physical Education 2 **Weight Training & Fitness I/II **Strength & Conditioning *Sports & Exercise Science *Personal Wellness	.25 .50 .50 .50 .50		5105 5200 5300 5400 5120 5125 5210 5310 5410 5140	French I French II French III French IV French V (Honors) Spanish I Spanish II Spanish III Spanish IV Spanish V (Honors) American Sign Language I	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	7161 7152/ 7162 7158 7159 7270 7275 7280	Physical Education 1 Physical Education 2 **Weight Training & Fitness I/II **Strength & Conditioning *Sports & Exercise Science *Personal Wellness *Fitness for Life	.25 .50 .50 .50 .50 .50		5105 5200 5300 5400 5120 5125 5210 5310 5410 5140	French I French II French III French IV French V (Honors) Spanish I Spanish II Spanish III Spanish IV Spanish V (Honors) American Sign Language I	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	7161 7152/ 7162 7158 7159 7270 7275 7280	Physical Education 1 Physical Education 2 **Weight Training & Fitness I/II **Strength & Conditioning *Sports & Exercise Science *Personal Wellness *Fitness for Life	.25 .50 .50 .50 .50 .50		5105 5200 5300 5400 5120 5125 5210 5310 5410 5140	French I French II French III French IV French V (Honors) Spanish I Spanish II Spanish III Spanish IV Spanish V (Honors) American Sign Language I	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Interested in Participating in Athletics	List 3 additional courses not already selected as alternative choices.
Interested in Participating in College Athletics	
Interested in Participating in Honors Diploma	
Parent's Signature:	1.
	2.
	3.
Student's Signature:	
*One Semester	
+ Students are selected or may apply	

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