

2023-2024
PROGRAM
OF
STUDIES



BROOKVILLE
HIGH SCHOOL

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Diploma Seal Descriptions

GUIDANCE

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ACADEMIC

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Honors Diploma Seal - Earn one of six Honors Diplomas: Academic; IB; Career-Tech; STEM; Arts; Social Science and Civic Engagement.



Military Enlistment – Provide evidence that a student has enlisted in a branch of the U.S. Armed Forces or participate in an approved JROTC program.



Ohio Means Jobs-Readiness Seal – Meet the requirements and criteria established for the readiness seal, including demonstration of work-readiness & professional competencies.



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



Citizenship Seal – Earn a score of proficient or higher on both the American history and American government end-of-course exams, earn a score equivalent to proficient on an appropriate AP exam; or earn a final grade equivalent to a “B” or higher in appropriate classes taken through the CCP program.



Science Seal – Earn a score of proficient or higher on the biology end-of-course exam, earn a score equivalent to proficient on an appropriate AP exam; or earn a final course grade equivalent to a “B” or higher in an appropriate class taken through the CCP program.



Technology Seal – Earn a score at least equivalent to proficient on an appropriate AP exam, earn a final grade equivalent to a “B” or higher in an appropriate class taken through the CCP program; or complete a course offered through the district or school that meets guidelines developed by the Department.



Industry-Recognized Credential Seal – Earn a 12-point approved industry-recognized credential or group of credentials totaling 12 points in a single career field.



College-Ready Seal – Earn remediation-free score on the ACT/SAT.

Locally Defined Seals



Community Service Seal – Complete a community service project. To earn the Community Service Graduation Seal, student must either: **Option 1:** Plan, organize, complete and reflect on a community service project that makes a significant impact on the community and has been **pre-approved** by the principal, or **Option 2:** Complete and document a minimum of 60 hours of community service during their time at Brookville. A student who wants the seal will need to complete an application with reflection and submit it to the principal’s office.



Student Engagement Seal – Participate in extracurricular activities such as athletics, clubs or student government to a meaningful extent. A student must participate in a minimum of two (2) Brookville High School extracurricular activities per year (requirement is pro-rated for classes for 2021 and 2022). A student will need to complete an application during senior year and submit to the guidance office.



Fine and Performing Arts Seal – Demonstrate skill in the fine or performing arts. To earn the Fine and Performing Arts Seal, students must earn three (3) or more credits in any fine arts academic courses at Brookville High School with a final grade of C or above in each (B or above in band and choir courses). A student who wants the seal will need to complete an application and submit it to the guidance office for verification.

**Brookville High School
Community Service Experience Summary
2023-2024**

**PROGRAM OF STUDIES
2023-2024**

STUDENT NAME: _____ GRADE: _____

AGENCY NAME: _____ PHONE: () _____ - _____

SUPERVISOR'S NAME: _____ HOURS SERVED: _____

(Please provide a summary for each different agency.)

1. List and describe duties that you performed or new skills you learned.

- _____
- _____
- _____
- _____

2. Describe ways this experience changed the way you see things.

- _____
- _____
- _____
- _____

3. Describe a specific incident in which you had an impact on someone else.

4. Would you recommend this agency to other students? Yes No Explain why or why not.

Please keep a copy of this form for your records.

Student Signature: _____ Date: _____

Parent/Guardian Signature: _____ Date: _____

Please Complete in Order

1. Carefully read the Program of Studies to be sure that you understand the requirements for graduation, course offerings, prerequisites, cost and content of the courses.
2. Fill out the Scheduling Form given to you in a conscientious manner.
3. Discuss the Scheduling Form with your parents or guardian. A parent and student signature is required.
4. Return the Scheduling Form prior to your scheduled date.
5. *Failure to return a scheduling form will result in the guidance office selecting courses for you.*

***Planning your High School
Program of Study***

Prior to reading the list of courses being offered at Brookville High School, it must be understood that much energy and time has been spent in exploring and studying a master schedule that will benefit our students.

You should choose your subjects with extreme care, taking into consideration your abilities, interests, needs and chosen vocation. You should plan your courses to meet the requirements for your chosen programs at the Miami Valley Career Technical Center, the entrance requirements of your chosen college, or trade. Be sure to discuss your educational plans with your parents, teachers, counselors and any others who are interested in your welfare and who may be qualified to give you advice.

In selecting your subjects, pay particular attention to the prerequisites for admission to a course and to the requirements for receiving credit. It is unwise to take an elective for which you have little aptitude or in which you may have difficulty fulfilling the requirements for credit. At the time of registration, you are expected to accept the responsibility for meeting the special requirements of the electives you choose.

NOTE: With the submission of the scheduling form, students and parents are making a firm commitment to taking the requested courses. Once schedules are set, changes will not be permitted.

General Information

1. A required course which is failed shall be made up in summer school or repeated. A student and his or her parents are to assume responsibility for seeing that courses are made up.
2. Brookville High School will accept credits transferred by transcript from any accredited high school, provided such courses and credits meet the Ohio Department of Education and local requirements.
3. To achieve Honor Roll, a student must earn a 3.333-3.699 GPA. To achieve High Honors, a student must earn a 3.7 or higher GPA.
4. Enrollment for a summer school course at another school must be approved in advance by a high school counselor.
5. Educational options (correspondence, flex credit, independent study, on-line, summer school, credit recovery, etc.) may be used to satisfy special needs. Approval from the high school principal is required prior to enrollment.
6. Students are limited to earning a maximum of 10 credits per academic year (July-June). This includes all educational options (CCP, Online, etc.) and high school courses.
7. With administrative approval, a student may retake a non-required course if they have received a "D" or an "F". If they choose to do so, they can replace the original grade with a higher grade. The higher grade will be used to calculate the grade point average and class rank. A student that has not taken the class will be given the priority to take the class before the student choosing to repeat the class. Only one credit will be given for successful completion of the class.
8. The administration reserves the right to cancel any course offerings in which there are not sufficient registration/funds.
9. The administration reserves the right to alter any items listed under General Information to accommodate an individual's academic pursuits.
10. All material shared in this document is subject to board of education approval.
11. Students are strongly encouraged to enroll in six (6) classes with the minimum credit earning potential of five and a half (5 ½).
12. Various courses will have the opportunity to earn college credit through the College Credit Plus Program (CCP). These courses vary depending on enrollment and college partnerships. Prior to enrollment, students and families must review the CCP Program guidelines.

Requirements for Graduation

General Graduation Requirements –Students who entered grade 9 on or after July 1, 2019 must meet Ohio requirements. Ohio graduation requirements consist of three key components:

1. **Course Completion** – Students must satisfy Ohio’s requirements and any local requirements. Students will complete the state minimum 20 units, with specific units required in each content area. NOTE: Brookville requires 22 units. Brookville requirements are also listed.

General Course Requirements State Minimum

- English language arts 4 units
- Health ½ unit
- Mathematics 4 units
- Physical education ½ unit
- Science 3 units
- Social studies 3 units
- Electives 5 units

Brookville Course Requirements (in addition to state requirements)

- Fine arts 1 unit
- Personal economics 1 unit
- Technology ½ unit

2. Competency Demonstration

Option 1: Demonstrate two career- focused activities: Foundational: Proficient scores on WebXams, a 12-point industry credential, or a pre-apprenticeship or acceptance into an approved apprenticeship program Supporting: Work based learning, earn the required score on WorkKeys, or earn the OhioMeansJobs Readiness Seal.

Option 2: Enlist in the Military: Show evidence of a signed contract to enter a branch of the US armed service after graduation.

Option 3: Complete College Coursework: Earn a credit for one college level math and/or college level English through CCP.

3. Readiness Demonstration

Earn at least two (2) of the possible twelve (12) diploma seals. Please see the back cover for all seal descriptions.

Senior Project – All seniors who attended Brookville High School in the junior and/or senior years are required to successfully complete a Senior Project prior to graduation. Exceptions to this requirement MUST be approved by the building principal.

Community Service is required at each grade level. The required hours for the class of 2024, 2025, & 2026 are:

- o - Freshmen: 5 hours
- o - Sophomores: 10 hours
- o - Juniors: 15 hours
- o - Seniors: 20 hours

Beginning with the class of 2027, the community service hour requirement is:

- Freshman 10 hours
- Sophomore 10 hours
- Juniors 20 hours
- Seniors 20 hours

(Note: By completion of this graduation requirement, students will also earn the local graduation seal for community service).

Students must successfully complete all Ohio Department of Education and Brookville Local Schools Board of Education requirements to participate in the commencement program. This includes coursework, testing and fees paid in full.

Students **MUST** participate in commencement practice to take part in the formal commencement program. Exceptions must be approved by the Superintendent of Schools.

NOTE: Changes in graduation requirements may occur pending legislative actions.

Schedule Revisions

Parents, teachers, and/or building administrators are the only persons eligible to request a schedule revision. The person(s) requesting the revision must submit the proposal to the guidance office in writing. The request will be kept on file in the student’s cumulative folder.

Work Release/Career Exploration forms may be obtained by students in the guidance office, and must be approved by the administration before requesting a schedule revision.

TYPES OF REVISIONS:

- Schedule Change.** A schedule change or moving a class from one period to another within the school day will be permitted only in the case of period conflict or teacher recommendation.
- Course Addition.** A class may be added during the first five days of a course. Any work missed due to late entry must be completed before a grade and credit will be awarded.
- Course Deletion.** A course may be dropped only when the principal and teacher agree it is in the best interest of the student. At no time should a student drop enrollment to less than six (6) academic classes.

Suggested Grade Level Courses

GRADE NINE

Required - English, Math, Science, Social Studies, Physical Education and Health or PE Waiver, Health, and Technology

Recommended: World Language, Fine Arts

**Brookville High School
2023-2024 Community Service Record Sheet
(Use a separate sheet for each different agency.)**

Class of 2024 = 20 hours
Class of 2025 = 15 hours
Class of 2026 = 10 hours
Class of 2027 = 10 hours

STUDENT: _____ GRADE: _____

AGENCY: _____

DATE	START TIME	TASK	END TIME	TOTAL TIME SERVED	SERVICE SITE SUPERVISOR'S NAME & TITLE	SUPERVISOR'S INITIALS	SERVICE SITE SUPERVISOR'S PHONE NUMBER
TOTAL							

I attest that I have completed the work as recorded above in agreement with the Supervisor.

Student Signature: _____ Date: _____

I attest that the above named student successfully completed the volunteer service as documented above.

Supervisor's Signature: _____ Date: _____
(Parent/Guardian may not sign as the supervisor.)

*Students are highly encouraged to turn in all community service project verification sheets no later than one week after the completion of any service project(s).
**Students, please enter all hours completed. Not just the minimum.

FOUR YEAR HIGH SCHOOL PLAN

Students and parents, below is a guide to help you plan for your academic future in high school. Use the program of studies to fill in which classes you want to take in this spreadsheet, which will help to ensure that you are meeting all graduation requirements. Remember that 22 credits are required to graduate from Brookville.

	9 th	10 th	11 th	12 th
English (4)				
Math (4)				
Science (3)				
Social Studies (3)				
Health (.5)				
P.E. (.5) or P.E. Waiver				
Fine Art (1)				
Technology (.5)				
Personal Economics or IMPACT (1)				
Electives (5)				

GRADE TEN

Required - English, Math, Science, Social Studies, Physical Education and Technology (If not taken in grade nine)

Recommended: World Language, Fine Arts

GRADE ELEVEN

Required - English, Math, Science and Social Studies

Recommended: World Language, Technology if a state seal has not been earned.

GRADE TWELVE

Required - English, Math, Personal Economics, Technology if a state seal has not been earned.

Recommended: Science, Social Studies

At the conclusion of the sophomore year, a student choosing to attend MVCTC should have successfully completed:

- 2 credits of English
- 2 credits of Social Studies (Modern World History and Modern American History)
- 2 credits of Science
- 2 credits of Math
- 1 credit of Fine Arts
- .5 credit of Physical Education or P.E. Waiver
- .5 credit of Health
- .5 credit Intro to Software Applications

Advanced Courses

The following is a list of Advanced Courses which will carry a weighted grade value: English III Advanced, Great Books, French III, French IV, Spanish III, Spanish IV, Advanced Algebra II, Pre-Calculus, Physics, Chemistry II, Anatomy & Physiology, and IMPACT.

Advanced Placement (AP) Courses

Current offerings, AP Government, AP U.S. History, AP Calculus AB & BC, AP Spanish Language and Culture, AP Computer Science Principles and AP English IV, carry a weighted grade. At the student's expense, an opportunity will be given to take AP examinations in May (approximately \$100). Successful completion of the tests could earn student's college credits.

Honors Diploma

The student who completes the college preparatory curriculum in high school must meet any **seven (7)** of the following **eight (8)** criteria:

- a. Four units English
- b. Four units of mathematics: algebra I, geometry, algebra II (or equivalent), one other higher-level course or 4-year sequence of courses that contain equivalent content.
- c. Four units of science including two units of advanced

science

- d. Four units of social studies
- e. Three units of one world language or, no less than 2 units of each of two languages studied
- f. One unit of fine arts (Band, Choir, Art)
- g. Maintain an overall high school grade point average of at least 3.5 on a 4.0-point scale up to the last grading period of the senior year.
- h. Composite score of twenty-seven (27) earned on the American College Test (ACT) or 1280 composite score on the Scholastic Achievement Test (SAT).

The student who completes an intensive career-technical education curriculum in high school must meet any **nine (9)** of the following **ten (10)** criteria:

- a. Four units of English
- b. Four units of mathematics: algebra I, geometry, algebra II (or equivalent), or one higher level course or 4-year sequence of courses that contain equivalent content.
- c. Four units of science including two units of advanced Science
- d. Four units of social studies
- e. Four units in the student's career-technical education curriculum minimum
- f. Two units of one world language
- g. Maintain an overall high school grade point average of at least a 3.5 on a 4.0-point scale up to the last grading period of the senior year.
- h. Composite score of twenty-seven (27) earned on the American College Test (ACT) or 1280 composite score on the Scholastic Achievement (SAT).
- i. Field Experience: Complete an internship or apprenticeship and portfolio on their field experiences.
- j. Portfolio: Develop a comprehensive portfolio or work based on the student's field experience that is reviewed and validated by external experts.

Note - Additional Assessments: Earn an industry-recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical Competency Assessment or equivalent.

Additional Diploma with Honors are available. Visit the Ohio Department of Education website for more details.

ENGLISH

English I – 1020

PREREQUISITE: None
 Fee: \$18.00 1.00 credit

English I focuses on the basics of literature and writing. In writing, student's complete narrative, expository, descriptive, opinion, and research papers. In literature, they read novels, short stories, poems, and nonfiction with emphasis on the elements of each.

English II – 1030

PREREQUISITE: Pass English I
 Fee: \$14.50 1.00 credit

English II is a course designed to build on the language and communication skills developed in the freshman year. It is basic, covering all parts of the English curriculum with greater emphasis on the more practical aspects of communication and linguistic needs. In the area of grammar and usage there is greater stress on usage than on grammar, with particular consideration given to effective oral and written usage. In composition, expository skills are expanded to develop control of the essay form as well as to develop ability in research writing. In communication there is progressive development through the basic speech types. In literature the emphasis is on a greater appreciation of the skill and technique of the author. A state required end of course exam follows this course.

English III – 1040

PREREQUISITE: Pass English II
 Fee: \$15.00 1.00 credit

English III focuses on American literature. The course is structured to meet the needs of the students whose abilities fall within the average range, and it is less intense than the advanced course in preparing students for college. It emphasizes a more practical approach to speaking, reading and writing. It includes essay writing, a survey of great American literature, with more emphasis on modern American authors and ACT/SAT preparation.

English III Advanced – 1045

PREREQUISITE: Pass English I and English II with a B or higher
 Fee: \$17.00 1.00 credit

English III Advanced concentrates on American literature. It's a weighted course for students who have demonstrated advanced understanding of English and who want a more intense preparation for college. More material is covered in greater depth than in the regular classes. Students should be able to work independently and willing to read more outside of class. It includes essay writing, a survey of American literature, college-bound vocabulary, in depth

reading, researching and writing about a selected author and ACT / SAT preparation. STUDENTS WHO REGISTER FOR ENGLISH III ADVANCED WILL BE GIVEN SUMMER WORK TO DO IN PREPARATION FOR THE COURSE. Pick up information about summer work from the English Department by May 25.

English IV – 1050

PREREQUISITE: Pass English III
 Fee: \$17.00 1.00 credit

English IV focuses on a study of English and American literature. An anthology of English literature is employed that features a historical approach to understanding the relevance of our English heritage. In addition to the literature featured in the anthology, students will read novels by English and American authors in class. Along with reading, different forms of writing will be emphasized including reviews, persuasive pieces and other creative writings.

Great Books – 1015

PREREQUISITE: Pass English III or English III Advanced
 Fee: \$14.00 1.00 credit

This weighted course is designed to expose students to a wide variety of literature. The focus of the course will be to evaluate and analyze the elements of literature, in addition to exploring the various cultures and customs throughout the world. The course will require students to study a variety of genres; students should expect to compare and analyze the various works through papers, presentations and/or projects.

Yearbook – 1090

PREREQUISITE: Open to a limited number of sophomores, juniors and seniors
 Fee: None 1.00 credit

Journalism focuses on the production of articles and pages that are laid out using digital photography and publishing software. This group is responsible for the full production of the *Scroll*, the high school yearbook. Major emphasis is placed on the editing process of layout, article editing, digital photography, editing of pictures, picture layout, creating stories of interest, and the ability to sell advertisements. Students are introduced to meeting deadlines with real world products. Students are often required to spend time outside of school hours to complete deadlines.

Class of 2027 - Freshman

Agriculture Education

X	#	Course	\$	Cr.	Grade Level		
	7100	Agric., Food & Nat. Res.	\$40.00	1	9	10	11 12
	7160	Mechanical Principles	\$40.00	1		10	11 12
	7150	Ag. & Envir. Sys. Capstone	\$40.00				12
	7200	Supervised Ag Exp. SAE*	\$0.00	1/4	9	10	11 12
	7400	Ag Leadership	\$0.00	1/4		10	11 12
	7180	Livestock Sel., Nutr. & Mang.	\$40.00	1		10	11 12

*Required when taking any Ag. Ed. Class

Physical Education & Health

X	#	Course	\$	Cr.	Grade Level		
	9020	Physical Education I	\$0.00	1/4	9		
	9030	Physical Education II	\$0.00	1/4		10	
	9040	Physical Educ. Waiver	\$0.00	-	9		
	9050	Adv. Physical Education	\$0.00	1/2			11 12
	9090	Health	\$0.00	1/2	9		

Fine Arts

X	#	Course	\$	Cr.	Grade Level		
	8500	Concert Choir	\$11.00	1	9	10	11 12
	8510	Shades of Blue	\$60.00	1	9	10	11 12
	8550	Band (Marching/Concert)	\$5.00	1	9	10	11 12
	8560	Concert Band Only	\$0.00	1/2	9	10	11 12
	8810	Music Technology*	\$5.00	1/2	9	10	11 12
	8820	Modern Amer. Popular Music*	\$5.00	1/2	9	10	11 12
	8000	Art I	\$28.00	1	9	10	11 12
	8020	Art II	\$28.00	1		10	11 12
	8030	Art III	\$28.00	1			11 12
	8040	Art IV	\$28.00	1			12
	8200	Digital Imaging	\$15.00	1			11 12

*Offered in odd numbered years
 **Offered in even numbered years

*Art Teacher Approval: _____

STUDENTS NEED TO ENROLL IN SIX (6) CLASSES WITH THE MINIMUM CREDIT EARNING POTENTIAL OF FIVE AND ONE-HALF (5 1/2). PLEASE COUNT YOUR CHOICES TO BE SURE YOU HAVE THE CORRECT AMOUNT.

TOTAL NUMBER OF CREDITS: _____

Please list one alternate course. This course will be substituted only if one of the above elective subjects is closed or unavailable:

_____ Course No. _____ Course Name

Please check if this applies to you:	_____ I am working towards an Honor's Diploma, and I understand I'm responsible for selecting the necessary courses to meet the requirements.
	_____ I plan to take summer school classes (CCP, online, etc.).
	_____ I plan to participate in College Credit Plus (CCP) during the 2023-24 school year. List Courses: _____

Failure to return a scheduling form will result in the guidance office selecting courses for you.

With the submission of the scheduling form, students and parents are making a FIRM COMMITMENT to taking the requested courses. Once schedules are set, changes WILL NOT be permitted.

Student Signature: _____ Date: _____

Parent Signature: _____ Date: _____

Guidance Office Notes: _____

BROOKVILLE HIGH SCHOOL 2023-2024

Name: _____

Current English Teacher: _____ Current English Period: _____

GRADE 9

Science						
X	#	Course	\$	Cr.	Grade Level	
	3060	Physical Science	\$13.00	1	9	
	3020	Biology	\$22.00	1		10
	3030	Chemistry	\$21.50	1		11 12
	3035	+Chemistry II	\$21.50	1		11 12
	3045	+Anatomy & Physiology	\$22.00	1		11 12
	3055	+Physics	\$26.00	1		11 12

*Current Science Teacher Approval: _____

Social Studies						
X	#	Course	\$	Cr.	Grade Level	
	4100	Modern World History	\$4.00	1	9	
	4200	Modern American History	\$5.00	1		10
	4300	American Political Studies	\$5.00	1		11
	4410	Current Political Events	\$5.00	1		11 12
	4420	Psychology	\$5.50	1/2		10 11 12
	4430	Sociology	\$5.50	1/2		10 11 12
	4505	+AP US History*	\$15.00	1		10 11 12
	4515	+AP Amer. Govt.*	\$15.00	1		11 12
	5100	Personal Economics	\$4.00	1		12
	5001/5	IMPACT Econ./+IMPACT	\$14.00	1		12

*AP Govt./AP History Teacher Approval: _____

Language Arts						
X	#	Course	\$	Cr.	Grade Level	
	1020	English I	\$18.00	1	9	
	1030	English II	\$14.50	1		10
	1040	English III	\$15.00	1		11
	1045	+English III Advanced	\$17.00	1		11
	1050	English IV	\$17.00	1		12
	1065	+AP English	\$37.00	1		12
	1015	+Great Books	\$14.00	1		12
	1090	Yearbook	\$0.00	1		10 11 12
	1075C	English 1101 CCP In-Person	\$0.00	1	9	10 11 12
	1085C	English 1201 CCP In-Person	\$0.00	1	9	10 11 12

*Current L.A. Teacher Approval: _____

World Languages						
X	#	Course	\$	Cr.	Grade Level	
	1100	French I	\$5.00	1	9	10 11 12
	1120	French II	\$5.00	1		10 11 12
	1135	+French III *	\$15.00	1		11 12
	1145	+French IV *	\$0.00	1		12
	1200	Spanish I	\$15.00	1	9	10 11 12
	1220	Spanish II	\$16.00	1	9	10 11 12
	1235	+Spanish III *	\$10.00	1		10 11 12
	1245	+Spanish IV *	\$15.00	1		11 12
	1255	+AP Spanish*	\$16.00	1		11 12
	1265	+Spanish V *	\$16.00	1		11 12

*World Language Teacher Approval: _____

Business/Technology						
X	#	Course	\$	Cr.	Grade Level	
	5121	Accounting I	\$25.00	1/2	9	10 11 12
	5131	Accounting II	\$0.00	1/2	9	10 11 12
	5160	Everything Business	\$5.00	1	9	10 11 12
	5300	Computer Applications	\$0.00	1/2	9	10 11 12
	5371	Adobe Premiere Pro: Video Production*	\$15.00	1/2		10 11 12
	5373	Adobe Animate**	\$45.00	1/2		10 11 12
	5374	Adobe After Effects: Video Production 2*	\$15.00	1/2		10 11 12
	5375	Adobe Photoshop**	\$45.00	1/2		10 11 12
	5372	Web Page Design*	\$10.00	1/2		10 11 12
	5376	Modeling and Simulation**	\$40.00	1/2		10 11 12
	5377	+AP Computer Science Principles	\$0.00	1		10 11 12

*AP Computer Science Principles Teacher Approval: _____

*Offered in odd numbered years

**Offered in even numbered years

Mathematics						
X	#	Course	\$	Cr.	Grade Level	
	2010	Algebra I	\$5.00	1	9	
	2020	Geometry	\$5.00	1	9	10
	2030	Advanced Geometry	\$5.00	1	9	10 11
	2040	Algebra II	\$5.00	1		10 11
	2055	+Advanced Algebra II	\$5.00	1		10 11
	2065	+Pre-Calculus	\$5.00	1		11 12
	2070	Statistics	\$5.00	1		11 12
	2083	Integrated Math	\$5.00	1		11 12
	2095	+AP Calculus AB	\$15.00	1		12

*Current Math Teacher Approval: _____

Industrial Arts						
X	#	Course	\$	Cr.	Grade Level	
	6000	Drafting	\$17.00	1		10 11 12
	6120	Wood Technology I	\$28.00	1	9	10 11 12
	6140	Wood Technology II	\$28.00	1		10 11 12
	6150	Adv. Wood Technology	\$28.00	1		11 12

Family & Consumer Science						
X	#	Course	\$	Cr.	Grade Level	
	7500	Nutrition & Well./Culinary	\$44.00	1	9	10 11 12
	7600	Human Growth & Child Dev.	\$25.50	1	9	10 11 12

+ = weighted course

continued on reverse side

AP English IV – 1065

PREREQUISITE: Pass English III Advanced with a B or higher and AP instructor's approval

Fee: \$37.00

1.00 credit

This course is designed to help students become skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and to become skilled writers who can compose for a variety of purposes. Students who take the course should be highly motivated, independent learners. The course focuses on writing skills that involve analysis, synthesis and evaluation. The materials read, discussed and evaluated in this course are designed to reflect course work on the college level. Various literary selections will be read and analytical essays related to the selections will be composed. At the student's expense, an opportunity will be given to take an AP examination in May (approximately \$100). Successful completion of the test could earn student's college credit. This is a weighted course. STUDENTS WHO REGISTER FOR AP ENGLISH IV WILL BE GIVEN SUMMER READING TO DO IN PREPARATION FOR THE COURSE. Pick up information about summer reading from the English Department by May 25.

NOTES

WORLD LANGUAGES

French I - 1100

PREREQUISITE: Pass previous English class with a C or higher

Fee: \$5.00 1.00 credit

A course designed to introduce the student to basic elements of the French language. Basic vocabulary groups, simple conversations and beginning grammar are taught. Emphasis is placed on acquiring basic listening, speaking, reading and writing skills.

French II - 1120

PREREQUISITE: Pass French I with a C or higher

Fee: \$5.00 1.00 credit

This course is a continuation of French I, emphasizing a more accurate French pronunciation and expressing ideas in the past, present and future tenses. Students will gain additional fluency in speaking and increased skills in listening, reading and writing.

French III - 1135

PREREQUISITE: Pass French II with a C or higher or instructor's signature

Fee: \$15.00 (includes workbook) 1.00 credit

French III is a weighted course in which communication is stressed, along with detailed study of vocabulary, grammatical structures and culture. This course will be conducted primarily in the target language. Students will study contemporary French film, develop reading skills through reading short novels, and complete written reports in the target language.

French IV - 1145

PREREQUISITE: Pass French III with a C or higher or instructor's signature

Fee: \$0 1.00 credit

This is a weighted course which includes a review of basic skills with added emphasis on developing the skills of reading, speaking, writing and listening. This course will be conducted in the target language. Students will analyze French culture through the study of contemporary film. Students will complete oral and written reports in French.

Spanish I - 1200

PREREQUISITE: Pass previous English class with a C or higher

Fee: \$15.00 (includes workbook) 1.00 credit

Spanish is the fourth most-spoken language in the world. The United States is the third largest Spanish speaking country in the world. Studying Spanish is excellent preparation for college and employment as it provides

cultures and a bilingual competence that is increasingly needed in our nation. The four basic communication skills of speaking, listening, reading and writing will be emphasized. Spanish I also introduces students to Hispanic culture and geography. In order to be successful, a student must be organized, self-motivated, willing to participate in communicative activities and presentations, and willing to study outside of class.

Spanish II - 1220

PREREQUISITE: Pass Spanish I with a C or higher

Fee: \$16.00 1.00 credit

Spanish II is a continuation of Spanish I. Emphasis will be placed on grammar and culture. At the conclusion of Spanish II, a student should be able to express ideas in the past, present and future tenses.

Spanish III – 1235

PREREQUISITE: Pass Spanish II with a C or higher or instructor's signature

Fee: \$10.00 1.00 credit

Spanish III is a weighted course in which communication is stressed. Students begin to work towards proficiency in the language through the study of advanced grammatical structures and universal themes. This course is conducted primarily in the target language and students will be required to complete written and oral reports in the language.

Spanish IV - 1245

PREREQUISITE: Pass Spanish III with a C or higher or instructor's signature

Fee: \$15.00 1.00 credit

This is a weighted course where communication in the Spanish language is emphasized and stressed. This course is conducted in the target language and students are required to complete written essays and emails along with oral presentations in the Spanish language

Spanish V – 1265

PREREQUISITE: Pass Spanish IV with a B or higher or instructor signature.

Fee: \$16.00 1.00 credit

This course is taught concurrently with AP Spanish Language and Culture. Learning objectives will be the same, but assignments will be differentiated in Spanish V.

Class of 2026 - Sophomores

Agriculture Education

X	#	Course	\$	Cr.	Grade Level			
	7100	Agric., Food & Nat. Res.	\$40.00	1	9	10	11	12
	7160	Mechanical Principles	\$40.00	1		10	11	12
	7150	Ag. & Envir. Sys. Capstone	\$40.00					
	7200	Supervised Ag Exp. SAE*	\$0.00	1/4	9	10	11	12
	7400	Ag Leadership	\$0.00	1/4		10	11	12
	7180	Livestock Sel., Nutr. & Mang.	\$40.00	1		10	11	12

*Required when taking any Ag. Ed. Class

Physical Education & Health

X	#	Course	\$	Cr.	Grade Level			
	9020	Physical Education I	\$0.00	1/4	9			
	9030	Physical Education II	\$0.00	1/4		10		
	9040	Physical Educ. Waiver	\$0.00	-	9			
	9050	Adv. Physical Education	\$0.00	1/2			11	12
	9090	Health	\$0.00	1/2	9			

Fine Arts

X	#	Course	\$	Cr.	Grade Level			
	8500	Concert Choir	\$11.00	1	9	10	11	12
	8510	Shades of Blue	\$60.00	1	9	10	11	12
	8550	Band (Marching/Concert)	\$5.00	1	9	10	11	12
	8560	Concert Band Only	\$0.00	1/2	9	10	11	12
	8810	Music Technology*	\$5.00	1/2	9	10	11	12
	8820	Modern Amer. Popular Music*	\$5.00	1/2	9	10	11	12
	8000	Art I	\$28.00	1	9	10	11	12
	8020	Art II	\$28.00	1		10	11	12
	8030	Art III	\$28.00	1			11	12
	8040	Art IV	\$28.00	1				12
	8200	Digital Imaging	\$15.00	1			11	12

*Offered in odd numbered years

**Offered in even numbered years

*Art Teacher Approval: _____

STUDENTS NEED TO ENROLL IN SIX (6) CLASSES WITH THE MINIMUM CREDIT EARNING POTENTIAL OF FIVE AND ONE-HALF (5 1/2). PLEASE COUNT YOUR CHOICES TO BE SURE YOU HAVE THE CORRECT AMOUNT.

TOTAL NUMBER OF CREDITS: _____

Please list one alternate course. This course will be substituted only if one of the above elective subjects is closed or unavailable:

Course No.

Course Name

Please check if this applies to you:

_____ I am working towards an Honor's Diploma, and I understand I'm responsible for selecting the necessary courses to meet the requirements.

_____ I plan to take summer school classes (CCP, online, etc.).

_____ I plan to participate in College Credit Plus (CCP) during the 2023-24 school year. List Courses: _____

Failure to return a scheduling form will result in the guidance office selecting courses for you.

With the submission of the scheduling form, students and parents are making a FIRM COMMITMENT to taking the requested courses. Once schedules are set, changes WILL NOT be permitted.

Student Signature: _____

Date: _____

Parent Signature: _____

Date: _____

Guidance Office Notes: _____

BROOKVILLE HIGH SCHOOL 2023-2024

Name: _____

Current English Teacher: _____ Current English Period: _____

GRADE 10

Science						
X	#	Course	\$	Cr.	Grade Level	
	3060	Physical Science	\$13.00	1	9	
	3020	Biology	\$22.00	1	10	
	3030	Chemistry	\$21.50	1		11 12
	3035	+Chemistry II	\$21.50	1		11 12
	3045	+Anatomy & Physiology	\$22.00	1		11 12
	3055	+Physics	\$26.00	1		11 12

*Current Science Teacher Approval: _____

Social Studies						
X	#	Course	\$	Cr.	Grade Level	
	4100	Modern World History	\$4.00	1	9	
	4200	Modern American History	\$5.00	1	10	
	4300	American Political Studies	\$5.00	1		11
	4410	Current Political Events	\$5.00	1		11 12
	4420	Psychology	\$5.50	1/2	10	11 12
	4430	Sociology	\$5.50	1/2	10	11 12
	4505	+AP US History*	\$15.00	1	10	11 12
	4515	+AP Amer.Govt.*	\$15.00	1		11 12
	5100	Personal Economics	\$4.00	1		12
	5001/5	IMPACT Econ./+IMPACT	\$14.00	1		12

*AP Govt./AP History Teacher Approval: _____

Language Arts						
X	#	Course	\$	Cr.	Grade Level	
	1020	English I	\$18.00	1	9	
	1030	English II	\$14.50	1	10	
	1040	English III	\$15.00	1		11
	1045	+English III Advanced	\$17.00	1		11
	1050	English IV	\$17.00	1		12
	1065	+AP English	\$37.00	1		12
	1015	+Great Books	\$14.00	1		12
	1090	Yearbook	\$0.00	1	10	11 12
	1075C	English 1101 CCP In-Person	\$0.00	1	9	10 11 12
	1085C	English 1201 CCP In-Person	\$0.00	1	9	10 11 12

*Current L.A. Teacher Approval: _____

Business/Technology						
X	#	Course	\$	Cr.	Grade Level	
	5121	Accounting I	\$25.00	1/2	9	10 11 12
	5131	Accounting II	\$0.00	1/2	9	10 11 12
	5160	Everything Business	\$5.00	1	9	10 11 12
	5300	Computer Applications	\$0.00	1/2	9	10 11 12
	5371	Adobe Premiere Pro: Video Production*	\$15.00	1/2	10	11 12
	5373	Adobe Animate**	\$15.00	1/2	10	11 12
	5374	Adobe After Effects: Video Production 2*	\$15.00	1/2	10	11 12
	5375	Adobe Photoshop**	\$15.00	1/2	10	11 12
	5372	Web Page Design*	\$10.00	1/2	10	11 12
	5376	Modeling and Simulation**	\$10.00	1/2	10	11 12
	5377	+AP Computer Science Principles	\$0.00	1	10	11 12

*AP Computer Science Principles Teacher Approval: _____

*Offered in odd numbered years

**Offered in even numbered years

World Languages						
X	#	Course	\$	Cr.	Grade Level	
	1100	French I	\$5.00	1	9	10 11 12
	1120	French II	\$5.00	1	10	11 12
	1135	+French III *	\$15.00	1		11 12
	1145	+French IV *	\$0.00	1		12
	1200	Spanish I	\$15.00	1	9	10 11 12
	1220	Spanish II	\$16.00	1	9	10 11 12
	1235	+Spanish III *	\$10.00	1	10	11 12
	1245	+Spanish IV *	\$15.00	1		11 12
	1255	+AP Spanish*	\$16.00	1		11 12
	1265	+Spanish V *	\$16.00	1		11 12

*World Language Teacher Approval: _____

Industrial Arts						
X	#	Course	\$	Cr.	Grade Level	
	6000	Drafting	\$17.00	1	10	11 12
	6120	Wood Technology I	\$28.00	1	9	10 11 12
	6140	Wood Technology II	\$28.00	1	10	11 12
	6150	Adv. Wood Technology	\$28.00	1		11 12

Family & Consumer Science						
X	#	Course	\$	Cr.	Grade Level	
	7500	Nutrition & Well./Culinary	\$44.00	1	9	10 11 12
	7600	Human Growth & Child Dev.	\$25.50	1	9	10 11 12

*Current Math Teacher Approval: _____

+ = weighted course

continued on reverse side

AP Spanish Language and Culture

PREREQUISITE: Instructor's signature
 Fee: \$16.00 1.00 credit

Develop your Spanish language skills and learn about the cultures in Spanish-speaking parts of the world. Practice communicating in Spanish and study real-life materials such as newspaper articles, films, music, and books. Write stories, letters, emails, essays, and other texts. This course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops student awareness and appreciation of culture products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). At the student's expense, an opportunity will be given to take an AP examination in May (approximately \$100). Successful completion of the test could earn student's college credit. This is a weighted course.

NOTES

Honors diploma requirements include three (3) units of one world language or no less than two (2) units of each of two world languages studied. French II / Spanish II needs to be taken the year immediately following French I / Spanish I. All French students are required to purchase a French/English dictionary through a bookstore of your choice. Students electing a world language are encouraged to complete two (2) units of the language.

MATH

Teacher's discretion is used when signing students into math courses. Open communication between students, parent, and teacher is to be expected when enrolling in next year's course.

Algebra I - 2010

PREREQUISITE: None
 Fee: \$5.00 1.00 credit

The Career and College Readiness Standards (CCRS) for math at the high school level specify the math that all students should study in order to be college and career ready. The fundamental purpose of Algebra is to formalize and extend the math that students learned in intermediate school. The critical areas in Algebra deepen and extend the understanding of linear and exponential relationships. Students will also engage in methods for analyzing, solving, and using quadratic functions. The CCRS, which apply throughout Algebra, together with the content standards, prescribe that students experience math as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. A state required end of course exam follows this course.

Geometry - 2020

PREREQUISITE: Instructor signature required
 Fee: \$5.00 1.00 credit

This course is designed to develop logical thinking skills through the use of proofs, inductive and deductive reasoning, and practical applications. Topics covered emphasize applications of one, two- and three-dimensional figures. Students will be expected to continue to fluently communicate math verbally, symbolically and graphically. A calculator is required for this course. A graphing calculator is recommended.

Advanced Geometry - 2030

PREREQUISITE: Instructor signature required
 Fee: \$5.00 1.00 credit

This course is designed for academically talented students who have shown superior performance in previous math courses. This course requires a deep conceptual understanding of the topics of Geometry and additional topics beyond the textbook discussions. The expectations for this course will be higher than those in Geometry. This is *not* a weighted course. A calculator is required for this course. A graphing calculator is recommended.

Algebra II - 2040

PREREQUISITE: Instructor signature required
 Fee: \$5.00 1.00 credit

Applications covered in Algebra I and Geometry will be expanded upon. The complex number system and trigonometric functions will be developed and explored. Students will be expected to continue to fluently communicate math verbally, symbolically and graphically. A calculator is required for this course. A graphing calculator is recommended.

Advanced Algebra II - 2055

PREREQUISITE: Instructor signature required
 Fee: \$5.00 1.00 credit

This course is designed for academically talented students who have shown superior performance in previous math courses. This course will include a rigorous understanding of the topics of Algebra II and additional topics beyond the textbook discussions. The expectations for this course will be higher than those in Algebra II. A graphing calculator is required. This is a weighted course. Students in Advanced Algebra II are on track to take AP Calculus or Calculus in college. This course is designed to prepare students for these future courses.

Pre-Calculus – 2065

PREREQUISITE: Instructor signature required
 Fee: \$5.00 1.00 credit

This is a weighted course which moves at a pace accordingly. Topics included in this class are the study of elementary functions (linear, quadratic, exponential, and polynomial), trigonometric functions, analytic geometry, sequences and series, logarithms, conic sections, and complex numbers. Technology is used to investigate the relationship between the various forms of mathematical processes. Students will be expected to continue to fluently communicate mathematically geometrically, numerically, analytically and verbally. A graphing calculator is required for this course. This course is designed to prepare students for AP Calculus or college Calculus.

Integrated Math

Prerequisite: Instructor signature required
 Fee: \$5.00 1.00 credit

This course is designed for students whose intention is to improve their math skills and understanding of Algebra. The primary emphasis of the course is to strengthen, review, and extend algebraic topics. This course will also include the study of geometry concepts and their applications. The first semester will cover standards included on high school standardized tests. The second

Class of 2025 - Juniors

Agriculture Education										
X	#	Course	\$	Cr.	Grade Level					
	7100	Agric., Food & Nat. Res.	\$40.00	1	9	10	11	12		
	7160	Mechanical Principles	\$40.00	1		10	11	12		
	7150	Ag. & Envir. Sys. Capstone	\$40.00							
	7200	Supervised Ag Exp. SAE*	\$0.00	1/4	9	10	11	12		
	7400	Ag Leadership	\$0.00	1/4		10	11	12		
	7180	Livestock Sel., Nutr. & Mang.	\$40.00	1		10	11	12		

*Required when taking any Ag. Ed. Class

Physical Education & Health										
X	#	Course	\$	Cr.	Grade Level					
	9020	Physical Education I	\$0.00	1/4	9					
	9030	Physical Education II	\$0.00	1/4		10				
	9040	Physical Educ. Waiver	\$0.00	-	9					
	9050	Adv. Physical Education	\$0.00	1/2				11	12	
	9090	Health	\$0.00	1/2	9					

Fine Arts

X	#	Course	\$	Cr.	Grade Level					
	8500	Concert Choir	\$11.00	1	9	10	11	12		
	8510	Shades of Blue	\$60.00	1	9	10	11	12		
	8550	Band (Marching/Concert)	\$5.00	1	9	10	11	12		
	8560	Concert Band Only	\$0.00	1/2	9	10	11	12		
	8810	Music Technology*	\$5.00	1/2	9	10	11	12		
	8820	Modern Amer. Popular Music*	\$5.00	1/2	9	10	11	12		
	8000	Art I	\$28.00	1	9	10	11	12		
	8020	Art II	\$28.00	1		10	11	12		
	8030	Art III	\$28.00	1			11	12		
	8040	Art IV	\$28.00	1				12		
	8200	Digital Imaging	\$15.00	1				11	12	

*Offered in odd numbered years
 **Offered in even numbered years

*Art Teacher Approval: _____

STUDENTS NEED TO ENROLL IN SIX (6) CLASSES WITH THE MINIMUM CREDIT EARNING POTENTIAL OF FIVE AND ONE-HALF (5 1/2). PLEASE COUNT YOUR CHOICES TO BE SURE YOU HAVE THE CORRECT AMOUNT.

TOTAL NUMBER OF CREDITS: _____

Please list one alternate course. This course will be substituted only if one of the above elective subjects is closed or unavailable:

_____ Course No. _____ Course Name

Please check if this applies to you: _____ I am working towards an Honor's Diploma, and I understand I'm responsible for selecting the necessary courses to meet the requirements.
 _____ I plan to take summer school classes (CCP, online, etc.).
 _____ I plan to participate in College Credit Plus (CCP) during the 2023-24 school year. List Courses: _____

Failure to return a scheduling form will result in the guidance office selecting courses for you.

With the submission of the scheduling form, students and parents are making a FIRM COMMITMENT to taking the requested courses. Once schedules are set, changes WILL NOT be permitted.

Student Signature: _____ Date: _____

Parent Signature: _____ Date: _____

Guidance Office Notes: _____

BROOKVILLE HIGH SCHOOL 2023-2024

Name: _____

Current English Teacher: _____ Current English Period: _____

GRADE 11

Science

X	#	Course	\$	Cr.	Grade Level
	3060	Physical Science	\$13.00	1	9
	3020	Biology	\$22.00	1	10
	3030	Chemistry	\$21.50	1	11 12
	3035	+Chemistry II	\$21.50	1	11 12
	3045	+Anatomy & Physiology	\$22.00	1	11 12
	3055	+Physics	\$26.00	1	11 12

*Current Science Teacher Approval: _____

Social Studies

X	#	Course	\$	Cr.	Grade Level
	4100	Modern World History	\$4.00	1	9
	4200	Modern American History	\$5.00	1	10
	4300	American Political Studies	\$5.00	1	11
	4410	Current Political Events	\$5.00	1	11 12
	4420	Psychology	\$5.50	1/2	10 11 12
	4430	Sociology	\$5.50	1/2	10 11 12
	4505	+AP US History*	\$15.00	1	10 11 12
	4515	+AP Amer. Govt.*	\$15.00	1	11 12
	5100	Personal Economics	\$4.00	1	12
	5001/5	IMPACT Econ./+IMPACT	\$14.00	1	12

*AP Govt./AP History Teacher Approval: _____

Language Arts

X	#	Course	\$	Cr.	Grade Level
	1020	English I	\$18.00	1	9
	1030	English II	\$14.50	1	10
	1040	English III	\$15.00	1	11
	1045	+English III Advanced	\$17.00	1	11
	1050	English IV	\$17.00	1	12
	1065	+AP English	\$37.00	1	12
	1015	+Great Books	\$14.00	1	12
	1090	Yearbook	\$0.00	1	10 11 12
	1075C	English 1101 CCP In-Person	\$0.00	1	9 10 11 12
	1085C	English 1201 CCP In-Person	\$0.00	1	9 10 11 12

*Current L.A. Teacher Approval: _____

World Languages

X	#	Course	\$	Cr.	Grade Level
	1100	French I	\$5.00	1	9 10 11 12
	1120	French II	\$5.00	1	10 11 12
	1135	+French III *	\$15.00	1	11 12
	1145	+French IV *	\$0.00	1	12
	1200	Spanish I	\$15.00	1	9 10 11 12
	1220	Spanish II	\$16.00	1	9 10 11 12
	1235	+Spanish III *	\$10.00	1	10 11 12
	1245	+Spanish IV *	\$15.00	1	11 12
	1255	+AP Spanish*	\$16.00	1	11 12
	1265	+Spanish V *	\$16.00	1	11 12

*World Language Teacher Approval: _____

Business/Technology

X	#	Course	\$	Cr.	Grade Level
	5121	Accounting I	\$25.00	1/2	9 10 11 12
	5131	Accounting II	\$0.00	1/2	9 10 11 12
	5160	Everything Business	\$5.00	1	9 10 11 12
	5300	Computer Applications	\$0.00	1/2	9 10 11 12
	5371	Adobe Premiere Pro: Video Production*	\$15.00	1/2	10 11 12
	5373	Adobe Animate**	\$15.00	1/2	10 11 12
	5374	Adobe After Effects: Video Production 2*	\$15.00	1/2	10 11 12
	5375	Adobe Photoshop**	\$15.00	1/2	10 11 12
	5372	Web Page Design*	\$10.00	1/2	10 11 12
	5376	Modeling and Simulation**	\$40.00	1/2	10 11 12
	5377	+AP Computer Science Principles	\$0.00	1	10 11 12

*AP Computer Science Principles Teacher Approval: _____

*Offered in odd numbered years
**Offered in even numbered years

Mathematics

X	#	Course	\$	Cr.	Grade Level
	2010	Algebra I	\$5.00	1	9
	2020	Geometry	\$5.00	1	9 10
	2030	Advanced Geometry	\$5.00	1	9 10 11
	2040	Algebra II	\$5.00	1	10 11
	2055	+Advanced Algebra II	\$5.00	1	10 11
	2065	+Pre-Calculus	\$5.00	1	11 12
	2070	Statistics	\$5.00	1	11 12
	2083	Integrated Math	\$5.00	1	11 12
	2095	+AP Calculus AB	\$15.00	1	12

*Current Math Teacher Approval: _____

Industrial Arts

X	#	Course	\$	Cr.	Grade Level
	6000	Drafting	\$17.00	1	10 11 12
	6120	Wood Technology I	\$28.00	1	9 10 11 12
	6140	Wood Technology II	\$28.00	1	10 11 12
	6150	Adv. Wood Technology	\$28.00	1	11 12

Family & Consumer Science

X	#	Course	\$	Cr.	Grade Level
	7500	Nutrition & Well./Culinary	\$44.00	1	9 10 11 12
	7600	Human Growth & Child Dev.	\$25.50	1	9 10 11 12

+ = weighted course

continued on reverse side

semester will cover Algebra II standards that are essential for placement in an accredited college math course.

Statistics – 2070

PREREQUISITE: Instructor Signature required
Fee: \$5.00 1.00 credit

This course introduces statistical methods as applied to collecting, tabulating, analyzing, presenting and interpreting data. Topics covered include frequency distributions, measures of central tendency, and measures of dispersion, elementary probability theory, estimation, hypothesis testing, regression and correlation. Additional topics beyond statistics may be covered in this course. A graphing calculator is required. This class could be taken simultaneously with Integrated Math, Pre-Calculus, or AP Calculus.

AP Calculus AB – 2095

PREREQUISITE: Instructor signature required
Fee: \$15.00 (includes workbook) 1.00 credit

Calculus AB is concerned with developing the students' understanding of the concepts of Calculus and providing experiences with its methods and applications. This course emphasizes a multi-representational approach to Calculus with concepts, problems, and results being expressed geometrically, numerically, analytically and verbally. The course covers the topics required for the AP Calculus AB exam. Technology will be used to reinforce the relationships among the multiple representations, to confirm written work, to implement experimentation, and to assist in interpreting the results. At the student's expense, an opportunity will be given to take an AP examination in May (approximately \$100). Successful completion of the test could earn student's college credit. A graphing calculator is required for this course. This is a weighted course.

AP Calculus BC – 2085

PREREQUISITE: Instructor signature required
Fee: \$5.00 1.00 credit

Calculus BC is a college level course continuing the study of Calculus beyond Calculus AB. Topics include limits, derivatives and integration concepts, techniques and applications of derivatives, techniques and applications of integration, including the study of Calculus with Polar, Parametric, and Vector functions. Also included will be a study of the Calculus in Series and Taylor polynomials and an introduction to differential equations. Students will work with functions graphically, analytically, numerically, and through writing. AP requires a graphing calculator for part of the course. At the student's expense, an opportunity will be given to take an AP examination in May (approximately \$100). Successful completion of the test could earn student's college credit. This is a weighted course.

NOTES

Each year the mathematics program expands the scope of high school mathematics and incorporates Algebra, Geometry, Trigonometry, probability and statistics, logic, and discrete mathematics topics. Our curriculum incorporates courses that are problem and application based. Students are encouraged to develop their skills and understanding of mathematics out of the need to solve specific, real-world problems.

SCIENCE

Physical Science – 3060

PREREQUISITE: None
Fee: \$13.00

1.00 credit

This course includes content found in Ohio's New Learning Standards and Model Curriculum for Physical Science. The main focus is on the fundamental aspects of chemistry, earth & space science, and physics; while introducing students to key concepts and theories that provide a foundation for further study in the sciences and advanced science disciplines. An inquiry approach will be utilized to help students explore and create understanding of the concepts and scientific process explored throughout the course.

Biology - 3020

PREREQUISITE: Pass Physical Science or concurrent enrollment in or passed Advanced Geometry
Fee: \$22.00

1.00 credit

Content standards for 10th grade Life Science include themes in the areas of genetics, cells, evolution and interdependence of organisms (Ecology). Topics covered include basic chemistry, biochemistry, cellular biology, molecular biology, evolution, biodiversity and ecology. Students are expected to read and write technical papers, handle science equipment in a mature & safe fashion, and evaluate or design biological investigations to make biological explanations & models. Dissection of preserved animals is a small part of the course. A state required end of course exam follows this course.

Chemistry - 3030

PREREQUISITE: Pass Geometry and Biology
Fee: \$21.50

1.00 credit

This is a complete general chemistry course for the college bound student who is interested in careers such as science research/laboratory work, teaching, medical field and medical technicians, or engineering. This course is presented with the main emphasis on problem solving and laboratory-related activities. It stresses formulas, equations, structure and bonding. Must be prepared to use a great deal of mathematics.

CAUTION: Due to possible health hazard associated with allergies, migraines, asthma, etc., students should consult their physicians for approval to participate in this class prior to signing up.

Chemistry II - 3035

PREREQUISITE: Pass Chemistry I with a C or higher and Pass Algebra II with C or higher
Fee: \$21.50

1.00 credit

This course is designed for students who are pursuing a scientific career after college and want more preparation for college work. The course will include an in-depth study of inorganic chemistry. Some discussion of organic processes and the structure of organic molecules will also take place. Topics covered will include stoichiometry, electrochemistry, precipitation reactions, redox reactions, enthalpy/entropy, nuclear chemistry, thermodynamics, acid/base reactions, as well as investigating the real-world applications of chemistry. At the student's expense, there will be an option to take the AP examination in May (approximately \$100). Successful completion of the test could earn student's college credit. A Science Research Report is required. Failure to complete the Science Research Report will result in a course failure. This is a weighted course.

Anatomy and Physiology - 3045

PREREQUISITE: Pass Biology with a C or higher and passed or concurrent enrollment in Chemistry. Open to juniors and seniors
Fee: \$22.00

1.00 credit

Anatomy is the field of study that describes the locations, appearances, and relationships of body structures. Its goal is to answer the basic question: What is it? Physiology is a discipline which explains the mechanisms that operate the activities of the body. Its goal is to answer the basic question: How does it work? Topics include terminology, biochemistry, cytology, the integumentary system, the skeletal system, the muscular system, the nervous system, the endocrine system, the cardiovascular system, the lymph system, the digestive system, the urinary system and the reproductive system. A Science Research Report is required. Failure to complete the Science Research Report will result in a course failure. This is an advanced weighted elective course.

Physics - 3055

PREREQUISITE: Open to juniors and seniors with appropriate math background. Students must pass Algebra II with a B or higher. Instructor's signature required.
Fee: \$26.00

1.00 credit

Physics is the study of the physical world. Everything around you can be described and understood using the concepts of Physics. The goal of Physics is to use a small number of basic concepts, equations, and assumptions to describe the physical world. Once the physical world has

Class of 2024 - Seniors

Agriculture Education

X	#	Course	\$	Cr.	Grade Level			
	7100	Agric., Food & Nat. Res.	\$40.00	1	9	10	11	12
	7160	Mechanical Principles	\$40.00	1		10	11	12
	7150	Ag. & Envir. Sys. Capstone	\$40.00					12
	7200	Supervised Ag Exp. SAE*	\$0.00	1/4	9	10	11	12
	7400	Ag Leadership	\$0.00	1/4		10	11	12
	7180	Livestock Sel., Nutr. & Mang.	\$40.00	1		10	11	12

*Required when taking any Ag. Ed. Class

Physical Education & Health

X	#	Course	\$	Cr.	Grade Level			
	9020	Physical Education I	\$0.00	1/4	9			
	9030	Physical Education II	\$0.00	1/4		10		
	9040	Physical Educ. Waiver	\$0.00	-	9			
	9050	Adv. Physical Education	\$0.00	1/2			11	12
	9090	Health	\$0.00	1/2	9			

Fine Arts

X	#	Course	\$	Cr.	Grade Level			
	8500	Concert Choir	\$11.00	1	9	10	11	12
	8510	Shades of Blue	\$60.00	1	9	10	11	12
	8550	Band (Marching/Concert)	\$5.00	1	9	10	11	12
	8560	Concert Band Only	\$0.00	1/2	9	10	11	12
	8810	Music Technology*	\$5.00	1/2	9	10	11	12
	8820	Modern Amer. Popular Music*	\$5.00	1/2	9	10	11	12
	8000	Art I	\$28.00	1	9	10	11	12
	8020	Art II	\$28.00	1		10	11	12
	8030	Art III	\$28.00	1			11	12
	8040	Art IV	\$28.00	1				12
	8200	Digital Imaging	\$15.00	1			11	12

*Offered in odd numbered years
**Offered in even numbered years

*Art Teacher Approval: _____

STUDENTS NEED TO ENROLL IN SIX (6) CLASSES WITH THE MINIMUM CREDIT EARNING POTENTIAL OF FIVE AND ONE-HALF (5 1/2). PLEASE COUNT YOUR CHOICES TO BE SURE YOU HAVE THE CORRECT AMOUNT.

TOTAL NUMBER OF CREDITS: _____

Please list one alternate course. This course will be substituted only if one of the above elective subjects is closed or unavailable:

_____ Course No.

_____ Course Name

Please check if this applies to you:

_____ I am working towards an Honor's Diploma, and I understand I'm responsible for selecting the necessary courses to meet the requirements.

_____ I plan to take summer school classes (CCP, online, etc.).

_____ I plan to participate in College Credit Plus (CCP) during the 2023-24 school year. List Courses: _____

Failure to return a scheduling form will result in the guidance office selecting courses for you.

With the submission of the scheduling form, students and parents are making a FIRM COMMITMENT to taking the requested courses. Once schedules are set, changes WILL NOT be permitted.

Student Signature: _____

Date: _____

Parent Signature: _____

Date: _____

Guidance Office Notes: _____

BROOKVILLE HIGH SCHOOL 2023-2024

Name: _____

Current English Teacher: _____ Current English Period: _____

GRADE 12

Science						
X	#	Course	\$	Cr.	Grade Level	
	3060	Physical Science	\$13.00	1	9	
	3020	Biology	\$22.00	1	10	
	3030	Chemistry	\$21.50	1	11	12
	3035	+Chemistry II	\$21.50	1	11	12
	3045	+Anatomy & Physiology	\$22.00	1	11	12
	3055	+Physics	\$26.00	1	11	12

*Current Science Teacher Approval: _____

Social Studies						
X	#	Course	\$	Cr.	Grade Level	
	4100	Modern World History	\$4.00	1	9	
	4200	Modern American History	\$5.00	1	10	
	4300	American Political Studies	\$5.00	1	11	
	4410	Current Political Events	\$5.00	1	11	12
	4420	Psychology	\$5.50	1/2	10	11 12
	4430	Sociology	\$5.50	1/2	10	11 12
	4505	+AP US History*	\$15.00	1	10	11 12
	4515	+AP Amer. Govt.*	\$15.00	1	11	12
	5100	Personal Economics	\$4.00	1		12
	5001/5	IMPACT Econ./+IMPACT	\$14.00	1		12

*AP Govt./AP History Teacher Approval: _____

Language Arts						
X	#	Course	\$	Cr.	Grade Level	
	1020	English I	\$18.00	1	9	
	1030	English II	\$14.50	1	10	
	1040	English III	\$15.00	1	11	
	1045	+English III Advanced	\$17.00	1	11	
	1050	English IV	\$17.00	1		12
	1065	+AP English	\$37.00	1		12
	1015	+Great Books	\$14.00	1		12
	1090	Yearbook	\$0.00	1	10	11 12
	1075C	English 1101 CCP In-Person	\$0.00	1	9	10 11 12
	1085C	English 1201 CCP In-Person	\$0.00	1	9	10 11 12

*Current L.A. Teacher Approval: _____

Business/Technology						
X	#	Course	\$	Cr.	Grade Level	
	5121	Accounting I	\$25.00	1/2	9	10 11 12
	5131	Accounting II	\$0.00	1/2	9	10 11 12
	5160	Everything Business	\$5.00	1	9	10 11 12
	5300	Computer Applications	\$0.00	1/2	9	10 11 12
	5371	Adobe Premiere Pro: Video Production*	\$15.00	1/2	10	11 12
	5373	Adobe Animate**	\$15.00	1/2	10	11 12
	5374	Adobe After Effects: Video Production 2*	\$15.00	1/2	10	11 12
	5375	Adobe Photoshop**	\$15.00	1/2	10	11 12
	5372	Web Page Design*	\$10.00	1/2	10	11 12
	5376	Modeling and Simulation**	\$10.00	1/2	10	11 12
	5377	+AP Computer Science Principles	\$0.00	1	10	11 12

*AP Computer Science Principles Teacher Approval: _____

*Offered in odd numbered years

**Offered in even numbered years

Industrial Arts						
X	#	Course	\$	Cr.	Grade Level	
	6000	Drafting	\$17.00	1	10	11 12
	6120	Wood Technology I	\$28.00	1	9	10 11 12
	6140	Wood Technology II	\$28.00	1	10	11 12
	6150	Adv. Wood Technology	\$28.00	1	11	12

Family & Consumer Science						
X	#	Course	\$	Cr.	Grade Level	
	7500	Nutrition & Well./Culinary	\$44.00	1	9	10 11 12
	7600	Human Growth & Child Dev.	\$25.50	1	9	10 11 12

World Languages						
X	#	Course	\$	Cr.	Grade Level	
	1100	French I	\$5.00	1	9	10 11 12
	1120	French II	\$5.00	1	10	11 12
	1135	+French III *	\$15.00	1	11	12
	1145	+French IV *	\$0.00	1		12
	1200	Spanish I	\$15.00	1	9	10 11 12
	1220	Spanish II	\$16.00	1	9	10 11 12
	1235	+Spanish III *	\$10.00	1	10	11 12
	1245	+Spanish IV *	\$15.00	1	11	12
	1255	+AP Spanish*	\$16.00	1	11	12
	1265	+Spanish V *	\$16.00	1	11	12

*World Language Teacher Approval: _____

Mathematics						
X	#	Course	\$	Cr.	Grade Level	
	2010	Algebra I	\$5.00	1	9	
	2020	Geometry	\$5.00	1	9	10
	2030	Advanced Geometry	\$5.00	1	9	10 11
	2040	Algebra II	\$5.00	1	10	11
	2055	+Advanced Algebra II	\$5.00	1	10	11
	2065	+Pre-Calculus	\$5.00	1	11	12
	2070	Statistics	\$5.00	1	11	12
	2083	Integrated Math	\$5.00	1	11	12
	2095	+AP Calculus AB	\$15.00	1		12

*Current Math Teacher Approval: _____

+ = weighted course

continued on reverse side

been described this way, the Physics principles involved can be used to make predictions about a broad range of phenomena. These principles include mechanics, energy, thermodynamics, vibrations and wave phenomena, and relativity. Basic Algebra, Geometry and Trigonometry concepts are used to explain various Physics topics. A Science Research Report is required. Failure to complete the Science Research Report will result in a course failure. This is a weighted course.

STEM College & Career Science – 3001

PREREQUISITES: Available to juniors and seniors. Instructor signature required.
Fee: \$10.00

1.00 credit

This general level course is laboratory & project-based STEM (Science, Technology, Engineering and Mathematics) curriculum which investigates topics in life and physical sciences. Students will work on projects relevant to modern industries in preparation for college and career readiness. Standardized state testing intervention may also occur in this course.

NOTES

All students graduating from Brookville are required to pass a minimum of three (3) full credits of science. College Prep students are encouraged to take four (4) credits of science for graduation and may take more than one science in a given year, provided prerequisites are met.

Chemistry II, Anatomy and Physiology, and Physics meets the advanced course requirements for honors diploma.

SOCIAL STUDIES

Modern World History - 4100

PREREQUISITE: None
Fee: \$4.00

1.00 credit

This course examines world events from 1600 to the present. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires, and the ideas that led to independence movements and the effects of global interdependence. The concepts of historical thinking will be used by students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. This course is required for graduation.

Modern American History - 4200

PREREQUISITE: None
Fee: \$5.00

1.00 credit

This course examines the history of the United States of America from 1877 to the present. This course will cover the major international and domestic political, economic, and cultural events of the past 143 years. Time will be spent developing the skills related to the study of history and current events including the use of primary and secondary sources, while covering state mandated standards. This course is required for graduation. A state required end of course exam follows this course.

American Political Studies - 4300

PREREQUISITE: None
Fee: \$5.00

1.00 credit

United States government examines the principles and practices of the federal government. Students explore the basic structure of the U.S. government and focus on skills needed to become effective participatory citizens. There is an emphasis on practical application of knowledge and skills. A state required end of course exam follows this course.

Current Political Events - 4410

PREREQUISITE: Open to juniors and seniors

Fee: \$5.00

1.00 credit

The dynamics of global interactions among nations and regions present issues that affect all humanity. These dynamics include competing beliefs and goals, methods of engagement, and conflict and cooperation. This course is designed to help students follow contemporary historical, political, economic, social, historic and cultural components. The course will emphasize social studies

skills and methods needed for independent study. Emphasis will be placed on videotaped news programs, magazines, newspapers, and/or internet news outlets. Classroom activities will involve discussions, debates, presentations, and other individual and group projects.

Psychology - 4420

PREREQUISITE: Open to juniors and seniors

Fee: \$5.50

.5 credit

This course is an elective designed for students who have a serious interest in this area. This course will offer the student an introduction to psychology as a science which studies behavior and mental processes that shape behavior. The students will study the contributions made by leading psychologists such as Freud, Skinner, May and Jung. Students will also examine the basic studies in psychology which deal with intelligence, memory, personality, mental disorders, and forms of therapy.

Sociology - 4430

PREREQUISITE: Open to juniors and seniors

Fee: \$5.50

.5 credit

This course is an elective designed for students who have a serious interest in this area. This course will be an introduction into the study of people, how they live, think and feel. It will explore the social life of groups, neighborhoods, cities and societies. The students will also learn how and why sociologists observe, describe, analyze and sometimes predict human behavior.

AP United States History - 4505

PREREQUISITE: Instructor signature required

Fee: \$15.00

1.00 credit

The AP U.S. History course focuses on the development of historical thinking skills (chronological reasoning, comparing and contextualizing, crafting historical arguments using historical evidence, and interpreting and synthesizing historical narrative) and an understanding of content learning objectives organized around seven themes such as identity, peopling and America in the world in line with college and university U.S. history survey courses. The AP U.S. History course expands on the history of the Americas from 1491 to 1607 and from 1980 to the present. At the student's expense, an opportunity will be given to take an AP examination in May (approximately \$100). Successful completion of the test could earn student's college credit. This is a weighted course.

FAMILY CONSUMER SCIENCES

Nutrition & Wellness and Culinary Fundamentals - 7500

PREREQUISITE: None

Fee: \$44.00

1.00 credit

Formerly Healthy Living and Healthy and Safe Foods, this class will emphasize nutrition and wellness for personal, family and world population. Also, this class will emphasize basic food preparation techniques and explore topics such as breads and dough, fruits, vegetables, dairy, meats, poultry, fish, soups and sauces, pasta, cakes, cookies, pies, and regional/cultural foods.

Human Growth and Child Development - 7600

PREREQUISITE: None

Fee: \$25.50

1.00 credit

Formerly Child Development and Managing Transition, students will discover the needs of infants and young children and how parents and childcare providers can meet those needs for healthy growth and development. This class includes a hands-on experience of planning and conducting a playschool for 3 and 4-year-old children. Also, students will be responsible for their own growth and development. Students will analyze personal assets and plan strategies to make them caring, healthy, confident and responsible people. They will set school, family and life goals. They will develop and implement plans to achieve those goals and reflect on the process.

Career Search I and Career Search II with Mentorship - 7700

PREREQUISITE: None. Open to a limited number of juniors and seniors.

Fee: \$10.00

1.00 credit

Students will develop and implement a career blue print. The blueprint will include educational plans supportive of their personal and career goals. Also, students will work in various community service areas. These will include preschool, elementary school, nursing homes, police stations, fire stations, etc.

Financial Management I & II - 7800

PREREQUISITE: Open to seniors

Fee: \$4.00

1.00 credit

This course is designed for students to develop attitudes and skills to achieve personal financial wellness. Topics include careers, checking and saving accounts, consumer credit, taxes, stock market, consumer awareness, housing, transportation, investing and insurance. This course fulfills the personal finance requirement.

NOTES

Opportunities will be provided for students to participate in FCCLA (Family, Career and Community Leaders of America) organization and activities. In addition, WebXams may be given at the end of each semester.

INDUSTRIAL ARTS

Drafting - 6000

PREREQUISITE: Open to sophomores, juniors and seniors who have passed Algebra I
Fee: \$17.00* 1.00 credit
*Additional supplies must be purchased by the student as needed.

Drafting has been referred to as the language of industry. It is a graphic language in which lines take definite meaning and where symbols become signposts in the understanding of the finished products of industry. Drafting deals with three basic items: size, shape and description. All industrial arts courses depend upon an organized plan for completion of a desired project. Planning is basic in all of the units; therefore, a fundamental knowledge of drafting is required so that students can better plan and design projects constructively and accurately. It is highly recommended that all students planning on taking engineering in college take this course. The course is divided into two distinct sections. The first semester is the building block for the second and deals with developing a basic understanding of industrial drawing and the development of workable techniques. The second semester deals with house drawings and consists of drawing a complete set of house plans. Each student will receive a drawing set which will be included in the lab fee.

Wood Technology I - 6120

PREREQUISITE: None
Fee: \$28.00* 1.00 credit
*Additional supplies must be purchased by the student as needed.

This course is designed for any student, boy or girl with an interest in learning about wood industry and its processes, tools, material, and rapidly changing technology. The course is set up to give the student eighteen weeks of theory, covering the wood industry from conservation, lumbering, mill processes, to the end processing of wood. The end processing encompasses an insight in layouts and design, hand and power tool operation, safety machines and tool maintenance, assembly, and finishes. The in-depth study of woodworking is designed to equip the student with those skills necessary to enjoy a vocational past time and to put to better use the increasing leisure time available in our society. Industrial-type products will be required as a means of achieving the end. The cost of materials used in projects is incurred by the students. The first semester, grades are assigned according to tests taken by the student. The remaining grading periods, grades will be assigned according to the ability of the student to develop

those skills necessary for operating the various tools, machinery, and equipment in a safe and productive manner. Project evaluation will include the student's ability and active class participation in progressive learning activities. The student must demonstrate a mastering of all power equipment and maintain a 70% average prior to going into the laboratory.

Wood Technology II - 6140

PREREQUISITE: Successfully pass Wood Tech I
Fee: \$28.00* 1.00 credit
*Additional supplies must be purchased by the student as needed.

This course is designed to further develop the vocational skills learned in Wood Technology I and prepare the student for home ownership and basic maintenance. Class time will be devoted to advance design, construction, assembly and finishing of furniture. The student will be expected to build approved, functional useful projects.

Advanced Wood Technology - 6150

PREREQUISITE: Successfully pass Wood Technology II
Fee: \$28.00* 1.00 credit
*Additional supplies must be purchased by the student as needed.

Students in this course will develop, strengthen, and explore vocational skills learned in Wood Technology II. Independent project opportunities will be afforded through the school year.

NOTES

AP American Government - 4515

PREREQUISITE: Open to junior and seniors. Instructor's signature required
Fee: \$15.00 1.00 credit

This course will focus on the American political system and appropriate tangent social and historical concerns will be studied in depth. This course is designed for highly advanced and self-motivated students to help them develop research and analytic skills, and acquire knowledge necessary to deal critically with issues and events in United States government. Students will be asked to independently read and write extensively throughout the class. This course is designed to be taught on a college level pace. At the student's expense, an opportunity will be given to take an AP examination in May (approximately \$100). Successful completion of the test could earn student's college credit. This is a weighted course.

Personal Economics - 5100

PREREQUISITE: Senior required course
Fee: \$4.00 1.00 credit

This course explores the fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants. More specifically, it examines the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security. Topics covered will include but will not be limited to credit management, filing tax returns, personal checking accounts, budgeting, risk management, consumer rights and responsibilities, and investment practices. Students will be asked to develop financial goals for their lives and look at vocations that might provide income to satisfy their goals. This course is required for graduation.

IMPACT Economics - 5001

PREREQUISITE: Offered to seniors, must be paired with IMPACT (5005)
Fee: \$4.00 .5 credit

This non-weighted course explores the fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants. More specifically, it examines the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security. Topics covered will include but will not be limited to credit management, filing tax returns, personal checking accounts, budgeting, risk management, consumer rights and responsibilities, and investment practices. Students will be asked to develop financial goals for their lives and look at vocations that might provide income to satisfy their goals. This course is required for graduation.

IMPACT - 5005

(I make a Positive, Authentic Contribution Today)
PREREQUISITE: Offered to seniors, must be paired with Impact Economics. (5001)
Fee: \$10.00 .5 credit

This weighted course will consist of group and individual activities engaging students in developing ideas and practical solutions to solve real world problems in authentic ways. Activities will require student understanding of global events, and application of engineering design, and technology tools in an inquiry-based laboratory experience. Embedded skills will focus on the dimensions of technology literacy, visual and oral communication, collaboration and college and career readiness designed to help students thrive in a global economy.

NOTES

Social Studies courses explore the history of civilizations and the interactions of individuals as well as how this impacts the world today. Typical sequence includes Modern World History, Modern American History, American Political Studies and Personal Economics.

**Senior must complete Personal Economics or the combination of IMPACT Economics and IMPACT.

AGRICULTURE EDUCATION

The Brookville Agricultural Education Department offers diverse classes to serve the many different students in grades 8-12. Primary courses are the recommended path for students interested in agricultural sciences, environmental sciences, business, and leadership.

Agriculture, Food and Natural Resources - 7100

PREREQUISITE: None
Fee: \$40.00 (See notes below) 1.00 credit

This first course in the career field is an introduction to Agricultural and Environmental Systems. Students will be introduced to the scope of the Agricultural and Environmental Systems career field. They will examine principles of food science, natural resource management, animal science & management, plant & horticultural science, power technology and bioscience. Students will examine the FFA organization and Supervised Agricultural Experience programs. Throughout the course, students will develop communication, leadership and business skills essential to the agriculture industry.

Mechanical Principles - 7160

PREREQUISITE: Completed Agriculture, Food and Natural Resources
Fee: \$40.00 (See notes below) 1.00 credit

Students will engage in the mechanical principles utilized in animal and plant production systems. They will learn electrical theory, design, wiring, hydraulic and pneumatic theory, along with metallurgy in relation to hot and cold metals. Students will apply knowledge of sheet metal fabrication applicable to the agricultural industry along with identify, diagnose, and maintain small air-cooled engines. Throughout the course, students will learn critical components of site and personal safety as well as communication and leadership skills.

Agricultural & Environmental Systems Capstone - 7150

PREREQUISITE: Must be a Senior Agricultural Education student AND enrolled in another agriculture education class for the current school year.
Fee: \$0 1.0-3.0 Credits

Students apply Agricultural and Environmental Systems program knowledge and skills in a more comprehensive and authentic way. Capstones are project/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through partnerships, students combine classroom learning with work experience to benefit themselves and others. These can take the form of mentorship employment, cooperative education, apprenticeships and internships. Students can

earn 1-3 credits depending on the number of hours put into their Capstone project.

Animal and Plant Science - 7170

PREREQUISITE: Completed Agriculture, Food & Natural Resources
Fee: \$40.00 (see notes below) 1.00 credit

Students will apply the knowledge of animal and plant science to the agriculture industry. They will be introduced to the value of production animals relative to the agricultural marketplace. Students will engage in animal classification and selection, body systems, along with animal welfare and behavior in relation to the production of animals. Students will learn principles of plant anatomy and physiology, and the role of nutrition, deficiencies and growing environment on plant production. Throughout the course, business principles and professional skills will be examined.

Business Management for Agriculture Production, Manufacturing and Entrepreneurship - 7130

PREREQUISITE: Completed Agriculture, Food and Natural Resources
Fee: \$40.00 (see notes below) 1.00 credit

Students will examine elements of business, identify organizational structures and apply management skills while developing business plans, financial reports and strategic goals for new ventures or existing businesses. Learners will use marketing concepts to evaluate the marketing channels, product approaches, promotion and pricing strategies. Throughout the course, students will apply concepts of ethics and professionalism while implications of business regulations will be identified. Business Management for Agricultural and Environmental Systems is Tech Prep, meaning that students enrolled in this course will be taking Sinclair Community College's Foundation of Business Management course.

Livestock Selection, Nutrition and Management - 7180

PREREQUISITE: Completed Agriculture Food and Natural Resources
Fee: \$40.00 (See notes below) 1.00 credit

Students will identify and apply principles and routine husbandry practices to production animal populations. Topics will include principles of nutrition, feed utilization,

Adobe Premiere Pro: Video Production - 5371

PREREQUISITE: None
Fee: \$15.00 .5 credit
NOTE: Offered in odd numbered years

Students will develop an understanding of different video techniques through the creating and editing of original works. Students will produce high-quality videos using a variety of timeline-based video editing software; including those available within the Adobe Creative Suite.

Modeling and Simulation – 5376

PREREQUISITE: None
Fee: \$10.00 .5 credit
NOTE: Offered in even numbered years

Students will use a variety of modeling and simulation applications such as Sketch-up, Fusion 360, 3D Builder & Solid Works. Students will produce virtual gaming environments that promote creativity, collaboration, and problem-solving in an immersive gaming environment where the only limit is their imagination.

Adobe After Effects: Video Production 2 - 5374

PREREQUISITE: Adobe Premier Pro Video
Fee: \$15.00 .5 credit
NOTE: Offered in odd numbered years

Students will expand on the video production skills they have previously obtained. Utilizing Adobe After Effects at a post-production tool to add effects, motion graphics students will take their videos to the next level.

Adobe Photoshop - 5375

PREREQUISITE: None
Fee: \$15.00 .5 credit
NOTE: Offered in even numbered years

Students will be introduced to graphic design through the use of Adobe Photoshop. Whether creating flyers, brochures, or photo editing this course will focus on utilizing Photoshop to optimize and retouch photographs.

NOTES

BUSINESS / TECHNOLOGY

Accounting I - 5121

PREREQUISITE: None
Fee: \$25.00 (includes workbook) .5 credit

Accounting is referred to as the language of business. It is highly recommended for all students planning on taking any business-related course in college, or secretarial courses at any institution. The complete accounting cycle and proper forms for different types of businesses will be studied. Students taking this course should like working with numbers. It is designed as an introductory course to higher level accounting.

Accounting II - 5131

PREREQUISITE: Pass Accounting I
Fee: \$0 .5 credit

This course is designed for students with one or more of the following objectives:

1. To broaden and improve knowledge about business procedures and accounting records.
2. To attend college and major in business.
3. To work in the field of accounting.

Everything Business – 5160

PREREQUISITE: None
Fee: \$5.00 1.00 credit

This full-credit course will offer students the opportunity to explore different elements of business. Students will gain knowledge of employment laws, gain skills in economics and private enterprise systems, the impact of global business, marketing of goods and services, advertising and product pricing. Students will analyze the sales process and financial management principles.

Computer Applications - 5300

Fee: \$0 .5 credit

Students will use word processing, spreadsheet, database and presentation software applications to create reports, spreadsheets, databases and presentations. The skills learned in this course will apply to academic and workplace tasks. Skills learned in this course can be used in college or any type of career pathway.

This course is required for graduation.

AP Computer Science Principles

PREREQUISITE: Instructor signature required
Fee: \$0 1 credit

AP Computer Science Principles is an introductory college-level computing course that introduces students to the breadth of the field of computer science. Students learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They incorporate abstraction into programs and use data to discover new knowledge. Students also explain how computing innovations and computing systems—including the internet—work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical. At the student's expense, an opportunity will be given to take an AP examination in May (approximately \$100). Successful completion of the test could earn student's college credit. This is a weighted course.

Web Page Design - 5372

PREREQUISITE: None
Fee: \$10.00 .5 credit
NOTE: Offered in odd numbered years

Students will learn basic HTML (Hyper Text markup Language) and CSS (Cascading Style Sheets). HTML is the primary language used for creating web pages including basic text formatting, linking between pages and adding images and other media. CSS is a styling language that enables the separation of content from style and provides precision control over display including layout, color, and fonts.

Students will learn to apply the best practices for web design and create sites that enhance the usability and interactivity of pages. By the end of the course, students will have created a viable website incorporating all these components.

Adobe Animate - 5373

PREREQUISITE: None
Fee: \$15.00 .5 credit
NOTE: Offered in even numbered years

Adobe Animate is a multimedia authoring and computer animation program. Students will learn to design vector graphics that can be used for online animation, websites, web application and many other interactive projects.

animal welfare, selection and management of facilities and production animal care to enhance animal growth, selection of breeding stock, and management practices. Throughout the course, students will develop management plans reflecting practices for care and legal compliance. Students enrolled in this class will be eligible for participation on the Varsity Livestock Judging Team.

Supervised Agricultural Experience (SAE) - 7200

PREREQUISITE: All students enrolled in an Agricultural Education class will also be in SAE.
Fee: \$0 .25 credit

This is a required agricultural project conducted on an individual level outside of school time for any student enrolled in Ag classes to get hands-on experience in their chosen area of interest. This project can be an animal enterprise, plant enterprise, job placement or an entrepreneurship. Projects can range in size and type. Some possible projects include: rabbits, chickens, hogs, cattle, dogs breeding, a small garden, sweet corn, soybeans, hay, working at an agribusiness, or running a landscaping business. This course will be graded on the completion of a viable project, completion of record books, documenting their experience as well as their participation in Agricultural Education activities and field trips. Each student enrolled in an Agriculture course will also enroll in SAE. At the successful completion of the project the student will be awarded .25 credits.

Ag Leadership - 7400

PREREQUISITE: Member of the current FFA Officer team
FEE: \$0 .25 credit

FFA Officers will be enrolled in Ag Leadership and will be awarded .25 credits for their participation as an officer in the FFA Chapter.

Ag Ed MVCTC Satellite Tech Prep Program

The Brookville-MVCTC Agricultural Education Satellite Program is a great opportunity for students to become career and college ready.

- Students could earn a potential of 3 semester credit hours from Sinclair Community College.
- Students enrolled in the program are Tech Prep students through the Miami Valley Tech Prep Consortium.
- Students have the opportunity to earn college credits if they pass the college course(s) with a "C" or better.
- Students will also potentially be eligible for a \$3,000 scholarship to Sinclair Community College after successfully completing the following:
 - o A minimum of three courses in the Agricultural

Education program

- o Still be enrolled in an Agricultural Education course during the student's senior year
- o Earn a 2.25 cumulative GPA at the end of their senior year
- o Complete the Free Application for Federal Student Aid (FAFSA)

Below are descriptions of the potential Sinclair college courses that could be taught in the Agricultural Education program.

- Sinclair Foundations of Business – MAN 1107 3 Credit Hours
- The American business system and basic principles of the free market system. Includes introduction of business concepts, entrepreneurship, management, marketing, economics, accounting and other important business principles.

NOTES

All of the primary Ag courses and elective Ag courses have a \$40 class fee. \$20 of this class fee pays each student's membership dues for the National FFA Organization, Ohio FFA Organization, and District 5 FFA. The remaining \$20 is used to purchase building supplies for student woodworking projects. If a student is enrolled in more than one Agricultural Education class, they will only pay the \$40 class fee once, annually.

FINE ARTS

Art I - 8000

PREREQUISITE: None
Fee: \$28.00 1.00 credit

In this course, students will learn how to use the elements of art and principles of design to appreciate, create and evaluate works of art. The course is organized into a series of units-drawing, painting, color theory and ceramics-providing students with the opportunity to work with a wide range of media and ideas. During this course, students will engage in projects that strengthen their creative thinking skills and ability to solve artistic problems. Students in this course will also be exploring the media of visual art as a means of self-expression. Sketchbook required.

Art II - 8020

PREREQUISITE: Pass Art I with a C or higher
Fee: \$28.00 1.00 credit

This course expands upon the concepts, media, and techniques learned in Art I. During this course, students will explore more complex media, ideas and artistic experiences. Media includes, but is not limited to collage, ceramic sculpture, printmaking, plaster casting, paper mache, acrylic paint and pastels. Emphasis is placed on creative expression and the ability to think critically to solve complex artistic problems. Sketchbook required.

Art III - 8030

PREREQUISITE: Pass Art II with a B or higher and instructor's signature
Fee: \$28.00* 1.00 credit
*Additional supplies must be purchased by the student as needed.

Art III is the first step towards the advancement of a student's personal development in Art. It blends the freedom of personal choices of media as in Art IV, with the foundations of such subject areas as silk screening, ceramics, textile and commercial design. It features such areas as portraiture, wheel throwing, and airbrushing. Art III represents a mixing of both the students' expertise in the curriculum, along with the foundations of Art. It features such areas as portraiture, wheel throwing, and airbrushing. Sketches and some outside reading are required.

Art IV - 8040

PREREQUISITE: Pass Art III with a B or higher and instructor's signature
Fee: \$28.00* 1.00 credit
*Additional supplies must be purchased by the student as needed.

When a student has successfully completed three credits of Art, it is felt that they are ready to specialize in certain areas

of Art as well as follow a regular curriculum. Therefore, any student registering for a fourth year of Art will make arrangements with the instructor to set their own course goals and requirements. Work will then be down on an independent basis with time being split between class and individual projects. Sketches will be required as in Art III. There will be two class critiques per nine weeks with some outside reading required.

Digital Imaging - 8200

PREREQUISITE: Must have access to a digital camera as well as online tutorials which will be required. Instructor signature is required
Fee: \$15.00* 1.00 credit
*Additional supplies must be purchased by the student as needed.

This course is designed for junior and senior students who have a strong interest in manipulating digital images. The class will cover the basics of photography and will incorporate Adobe Photoshop as the primary source for editing.

Concert Choir - 8500

PREREQUISITE: None
Fee: \$11.00 1.00 credit

Concert Choir is a mixed voice group ensemble that performs a wide variety of music including secular and sacred. Students will be expected to perform several evening concerts throughout the year as well as in-school performances. Performances may include Veteran's Day, Fall, Winter, and Spring Concerts. Non-school performances and contests may also be included. Choir members will develop skills in vocal production, reading music, sight reading music, phonics, diction, posture, and group performance skills. Attendance at all concerts and rehearsals is mandatory. The student's grade will be based upon participation in class as well as concerts and knowledge of the vocal parts. Students will be evaluated by their voices and ability to match pitch and vocal range. Choir members will be expected to wear a standard uniform as outlined in the choir handbook.

Shades of Blue - 8510

PREREQUISITE: Audition with director
Fee: \$60.00 1.00 credit

This choir is a select singing and dancing ensemble that meets daily. A singing and dancing audition is required to be part of this ensemble. This ensemble takes field trips during and/or after school hours to perform around the community. The goals of this ensemble are to more fully cover music education, boost student confidence, increase work ethic, and to facilitate school/community involvement in a way that develops strong character in

each student for success in their future endeavors. Students selected will be required to sign a contract of commitment for the school year. Students selected will be responsible for purchasing their performance uniform but fundraising will be made possible to help defray the cost.

Band - 8550

PREREQUISITE: Continued involvement in band while in intermediate school or pass an audition with the director.
Fee: \$5* 1.00 Credit
*Marching Band, has additional membership fees through the Brookville Band Boosters Association.

The BHS Instrumental Music Department consists of numerous ensembles that offer performance and travel opportunities for those students who play wind and percussion instruments. The high school band functions primarily as a competition style marching band in the summer/fall and transitions to a concert band in November every school year. In addition, students who are enrolled in this course are expected to participate in the Pep Band for high school basketball games and other community events. The marching band and concert band both compete in regional, state, and national events. Students also have the opportunity for extra-curriculars, including Winter Percussion, Winter Guard, honor bands, solos and ensembles, musicals, and private instruction on an instrument (some of these have additional fees). The instrumental Music Department exists to provide students opportunities to express and challenge themselves musically. High levels of musicianship and self-discipline are always expected when participating in the performing arts. Topics such as proper playing techniques, proper tone production, proper instrument maintenance, basic anatomy regarding posture and air-flow, rhythm, pitch, ear training, music theory and vocabulary, teamwork, leadership, and other 21st century skills are all taught within this class. Music to be played ranges from competitive marching band shows, pep tunes, staples of the concert band repertoire and fun popular music. All rehearsals and concerts are mandatory unless otherwise noted. This class is performance-based and grades are always earned and never given. We always strive to be the best that we can be!

Music Theory - 8800

Fee: \$20.00 (includes a workbook) 1.00 credit
NOTE: Offered in even numbered years

Music Theory is the study of how music functions are using that knowledge in practice to describe Western Art Music of the Common Practice Era. It is also the study of ear training and how to use it to describe what you're hearing. Topics in this course include rhythm, pitch, harmony, chord progressions, key signatures, scalar and intervallic relationships, form, aesthetics, dictation, and basic composition and notation. This class is designed to enhance music study while participating in band and/or choir. This class is highly recommended for students who plan on pursuing music at the collegiate level. Students should know how to read music in treble and bass clef to be successful in this course.

Music Technology - 8810

PREREQUISITE: None
Fee: \$5.00 .5 credit

NOTE: Offered in odd numbered years
Have you ever wondered what is involved with recording an album, editing audio for the radio, or writing the film score for a movie? Music Technology is a course that uses the computer as its main tool to understand the recording, composition, and notation of many musical styles. Topics include basic use of multi-track mixing and sequencing software, the MIDI (Music Instrument Digital Interface) system, and microphone and mixing board use. Students will learn by doing, creating their own music compositions, film soundtracks, and podcasts. Reading assignment, web-based homework, and recording projects will require weekly work outside of class.

Intro to Modern American Popular Music - 8820

PREREQUISITE: None
Fee: \$5.00 .5 credit

NOTE: Offered in odd numbered years
This course is a survey course of a majority of American Popular Music from our country's founding in 1776 to the present day. This course is open to any student who enjoys listening and learning more about music in addition to American history. Social, political and cultural changes throughout American History are used to describe the changing function and taste of popular music overtime. Keep an open mind and this is a class you're sure to enjoy.

NOTES

The courses listed in this section meet the fine arts requirement for graduation