

# COURSE DESCRIPTIONS

## ART

The art program gives students an opportunity to express themselves using a variety of media and techniques. The program helps students develop sensitivity towards the elements and principles of art and an appreciation for forms of art, both past and present. It is recommended that students planning an art career take studio art each year.

Course#	Credit	Course Name	Course Description	Pre-Req
1542	1	Advanced Art	Advanced Art is designed to meet the needs of students whose interest and ability in art is outstanding. It allows for in-depth study by the individual student and offers experiences like Art I but on a more challenging level. Units in Advanced Art move between two-dimensional media, three-dimensional media, and Art History.	Successful completion of the following: 1545, 1546
1543	1	Independent Art Study 1	Independent Advanced Art Study I is designed to encourage those outstanding art students who may choose a field of Art as a career, or whose future field of interest may relate indirectly to some aspect of art, or those students who seek, through the creating of art objects, self-fulfillment of joy in becoming a connoisseur of art. The involvement with media and techniques will involve more mature efforts in creative expression and will utilize materials and tools used by the professional artist. The student and instructor will decide the art projects which most meet the needs of each individual student. Students will meet with the instructor at the beginning of each semester to design and set a plan of study. Successful students at this level will be self-motivated and exemplify good classroom behavior, attendance and work habits.	Successful completion of 1542
1544	1	Independent Art Study 2	In addition to the criteria of Independent Advanced Art Study I, the Advanced Art II student will be expanding on that course, researching the various universities, colleges, and art schools, and developing a portfolio appropriate for the student's selection of post-secondary school education.	Successful completion of 1543
1545	.5	Painting	Painting I is designed as the first level of painting for the student who is interested in working solely in the paint mediums. Students will work in watercolor and acrylic painting completing assignments that center on landscape, still life, figure, and non-objective subject matter. Students will progress through the curriculum; building knowledge based upon experiences and learned techniques. Students will participate in making art, talking about art, and learning historical perspectives related to art.	
1546	.5	Drawing	Students will be introduced to new techniques and media within the drawing realm. Subject matter will vary to enhance the student's drawing experiences and abilities. Students will look at and discuss master artists and their drawings. Critiques will be used to enrich the student's feedback concerning artistic growth.	
1548	.5	Ceramics	Ceramics I is designed to review learned ceramic information and build upon that knowledge and experience through-out the semester. Students will gain useful information relating to hand building techniques and wheel throwing techniques. Students will learn about the entire ceramic realm, from initial construction to different firing processes. Students will learn about the rich history of ceramics throughout the world.	

1549	1	Honors Art	<p>An Honors Art class is designed for advanced and serious art students in their junior or senior years. Students petitioning for this class need to be members of the National Art Honor Society, have a history of self-motivation and desire for knowledge and abilities in the visual arts, as well as a 90% in studio and 85% overall GPA. The Honors selection is open for negotiations from the current course offerings of the Art Program. Students can select a studio specific concentration or choose to be more eclectic in their choice of methods, media, and techniques.</p> <p>Each Honors student will have an individualized program of study drawn up and agreed upon by the student and teacher. Part of the individualized program will include two short research papers on an agreed-upon topic. Honors students are also required to serve on one of the two gallery committees. The Honors classroom reaches outside of the halls and walls of our school building. Students will be encouraged to attend art openings in the community and in the area. A special trip to the Philadelphia Art Museum may be a part of the course. Students will be introduced to local professional artists on multiple occasions during the school year. Students will also begin building a portfolio as soon as they decide upon pursuing additional training in the visual arts.</p>	Successful completion of 1542
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## **BUSINESS**

The goal of Business courses is to provide the foundation to prepare students for college or the workforce. Students will have the opportunity to use the most popular software available in college classrooms and business offices today. By enrolling in business courses, students will have the opportunity to acquire a background in these areas prior to college enrollment or a career in business. Knowledge of business is essential for today's world and tomorrow's future.

<b>Course#</b>	<b>Credit</b>	<b>Course Name</b>	<b>Course Description</b>	<b>Pre-Req</b>
1470	.25	Computer Applications	This 9th grade quarter course is designed for students to apply and evaluate basic computer operations and concepts. Throughout the course students will focus on applying and enhancing word processing, spreadsheet and database skills.	This course is part of the Freshman Block.
1471	1	Business Basics	Business Basics is a year-long elective course designed for students that are interested in advancing their education in business or pursuing a career in the field. This course introduces students to key areas of business, including decision making, type of business ownership, marketing, promotion, economics, motivation, management and leadership and the global business market.	
1474	.5	Personal Finance	This semester course will inform students of their financial responsibility and will help to develop their financial literacy as a consumer in the business world. Topics covered include money management, budgeting, paychecks, banking, buying a car, finding a place to live, credit and investing.	<i>* This course is required for graduation.</i>
1475	.5	Sports and Entertainment Marketing	This semester course is offered to students in 10-12th grade. This course offers an introduction to marketing within the sports, entertainment and business industries. Sports & Entertainment Marketing will provide students with a strong foundation in key areas such as marketing, sponsorship, public relations, advertising, licensing and other industry related topics.	
1476	.5	Entrepreneurship	This semester course is offered to students in 10-12th grade. This course focuses on identifying business opportunities, starting, operating and maintaining a business. Students will develop a detailed business plan as part of the course.	
1477	.25	Futures	The Futures course is designed to assist 9th-grade students in exploring various career pathways, discovering their interests, strengths, and values, and developing the skills necessary to make informed decisions about their future careers. This course will also equip students with essential study skills and strategies to succeed academically. Through interactive	This course is mandatory and part of the

			activities, guest speakers, virtual field trips, and self-assessment tools, students will embark on a journey of self-discovery and exploration to identify potential career options that align with their aspirations and goals.	Freshmen Block
1480	1	Accounting	This full year course provides a complete study of double-entry accounting as it applies to a proprietorship, partnership and corporation. Students will gain a thorough understanding of key concepts such as debits, credits, the accounting cycle, journalizing, posting, trial balance, adjusting entries and closing entries. Accounting simulation projects will be completed to reinforce and apply the material covered.	
1482	.5	Business Economics	Business economics is a semester course for students in 10-12th grade. This course will introduce students to the world of business and economics. Throughout the course, students will explore key economic concepts, including supply and demand, market structures, the role of government, international trade and the effects of global economic events on local economies.	

### **ENGLISH**

<b>Course#</b>	<b>Credit</b>	<b>Course Name</b>	<b>Course Description</b>	<b>Pre-Req</b>
1102	1	English 9	The primary purpose of ninth grade English is to span the transition from reading to literature and to expand the skills of writing and speaking our American English language. Ninth grade English expands on the comprehension and application of grammar especially in terms of developing a writing style. In addition, various literary genres-novels, short stories, drama, and poetry are examined using specific intrinsic guidelines. Finally, students will prepare for the PSAT through vocabulary acquisition and practice of specific reading strategies and study skills.	
1103	1	English 9 Honors	The English Honors section will generally realize a greater sense of independent study as part of the various areas covered in this course. English 9 Honors goes beyond skills in language arts by focusing on a commitment to learn and explore the depths of the various subjects. Students will be expected to take advantage of opportunities for independent study and cooperative learning. Finally, students will prepare for the PSAT through vocabulary acquisition and practice of specific reading strategies.	
1106	1	English 10	Students in English 10 will continue to grow in the areas of reading, writing, listening, and speaking as outlined in the Pennsylvania Academic Standards for English -Language Arts. This academic course offers an in-depth study of literature, nonfiction, communication, critical thinking skills, and vocabulary development. Diverse reading and writing assignments are meant to prepare students for the required Keystone Literature Exam and future high school English courses. Students will complete a research project focused on investigating their career options. This course will broaden the perspectives of students as they encounter a variety of literature, and they work to write compositions to become culturally, technologically, and academically literate citizens within our communities.	
1107	1	English 10 Honors	Students in English 10 Honors will continue to develop a growing independence in their preparation for college- level skills in the areas of reading, writing, listening, and speaking as outlined in the Pennsylvania Academic Standards for English -Language Arts. This academic course offers a study of literature, nonfiction, communication, critical thinking skills, and vocabulary development. Diverse readings and writing assignments are meant to prepare students for the required Keystone Literature Exam and future Honors English courses. Students will complete a research project focused on	

			investigating their career options. This course will broaden the perspectives of students as they encounter a variety of literature, and they work to write compositions to become culturally, technologically, and academically literate citizens within our communities. Additionally, the Honors sections of this course will complete more in-depth studies of novels, as well as more demanding assessments throughout the course of the school year. By interacting with classic, modern, and contemporary works, students will have the opportunity to independently broaden their understanding of the world in which we live.	
1109	1	English 11	The focus of this course is the connection between academic topics, personal experience, and workplace skills. The curriculum, which builds on the study of communication initiated in tenth grade, emphasizes critical reading and thinking skills, effective writing skills, organization, information gathering, and team communication. Students will read and analyze literature, complete a variety of writing assignments, and deliver technology-enhanced presentations. Students who did not reach proficiency on the Keystone Literature Exam in tenth grade may be scheduled into this course.	
1111	1	American Literature Honors	The scope and sequence of this course is primarily designed to follow a historical context based on genre to include autobiography, short story, poetry, and novel. The American body of literature will be the focus of analysis employing the upper levels of Bloom's Taxonomy, which will result in essays, research papers, and presentations utilizing modern technology.	*This is an LCCC Concurrent Enrollment course. ENG 101
1113	1	English 12	English 12 emphasizes critical thinking, reading, and writing skills as students explore the units of the College Application Essay, Technical Writing, Fiction & Non-Fiction Text Analysis, all to discover their own philosophies about life and their roles in society. To enhance this study, students will analyze and evaluate web sites, news articles, various forms of media, and literature. To demonstrate mastery of these core issues, students engage in various simulations that promote active learning. When possible, English 12 will be integrated with other content area classes.	
1118	1	British & World Literature Honors	British and World Literature is a literary survey course that serves as a transition from secondary-level expectations to college-level expectations. Students will engage in active, inquiry-based learning that will promote independent, critical thinking. By analyzing and evaluating the genres of prose, poetry, drama, and non-fiction using critical literary theories, students will explore multiple interpretations of texts through asking essential questions. Students will demonstrate and validate their interpretations through creative writings, analytical essays, and persuasive essays, or by completing individual and group presentations implementing 21st century research and technology skills. Due to the honors notation, instruction will be differentiated so that students will be required to read literature of greater complexity.	Must have successfully completed course #1111. This is an LCCC concurrent enrollment course. ENG 102
1115	1	AP English Literature & Composition	Advanced Placement English: Literature and Composition is a college-level course for highly motivated students who desire an intensive study of literature. Using college-level materials, students evaluate literary texts using literary theories with an emphasis on the new-critical / formalist approach. After mastering the skills associated with the new-critical / formalist approach, students will apply these strategies as well as other literary theories to evaluate a variety of texts in the genres of fiction, drama, and poetry. In addition, students will independently analyze three novels or dramas. <i>Students enrolled in this course will be required to take the College Board's AP English Literature &amp; Composition exam.</i>	85% or better in a prior English honors course. This is an LCCC concurrent enrollment course. ENG 102.

1116	1	Creative Writing	This course welcomes those enthusiastic about enhancing their creative writing skills. It provides a laid-back and engaging atmosphere aimed at helping students discover the joy of writing. Through the creation of diverse projects, both large and small, students will actively participate in critical peer review and share their work. Class participation is required. We will explore the intricacies of the writing process, including the reading of representative shorter works by established authors to model styles of writing and to develop a critical sense. The course follows a workshop format, encompassing journaling, drafting, revising, and publishing students' works in poetry, memoir, fiction, and more. Students will create a polished portfolio spanning genres and submit work to various contests. The year will culminate in the publication of our literary magazine, <i>Prometheus</i> . Prepare for a transformative journey, where storytelling becomes an art form, and creativity knows no bounds!	
1121	1	Journalism 1	This course provides a wide range of print media experiences. In addition to learning the fundamentals of news gathering, writing, and editing, students are trained in photography, layout, and computer-assisted production and publication. They examine the media, the concept of our community's needs to know, its right to know, and its responsibility to know. All students interested in any of the topics listed are invited to be part of the Red & White, a Bloomsburg High School tradition.	This is an LCCC concurrent enrollment course. JOR 101
1122	1	Journalism 2 Honors	This second level course is for those students who have completed Journalism I and are interested in becoming part of the award-winning Red & White's editorial board. This group of student editors coordinates the staff of the high school newspaper, designs the publication format and layout, chooses the content, edits stories, and represents the paper as part of the school community. This course allows students to apply at a more professional level the skills acquired in Journalism I	
1123	1	Journalism 3 Honors	Students electing to take the third level of Journalism will be working on and with the school newspaper on a specialized basis designed around the interests of the student. This could include advanced levels of design, news and/or feature writing, or editorial work.	
1125	1	Publications 1	This first Publications course is focused on beginning and advancing your photography and Photoshop skills as part of a highly motivated staff that produces our high school yearbook and school-wide slide show. Throughout the year, students will work with InDesign and page layout in preparation for print projects and planning the following year's Memorabilia.	
1126	1	Publications 2 Honors	The advanced program (Honors weighed) is for students who want to take their photography, design, technology and writing skills to another level as production editors of our 128-page, full-color high school yearbook. Students must be ready to assume leadership roles that will involve decisions, deadlines, and creativity in a fast-paced, pressure-packed environment.	
1129	1	Publications 3 Honors	Students electing to take the third level of Publications will be working on the school yearbook with students in Publications I and II in an advanced and specialized role based upon the unique interests and skills of the Publications III student. Publications III students will also have assignments outside of the project of the yearbook to complete, such as newsletter for publication, literary magazine publication, and special projects.	Teacher Recommendation
1117	1	Fundamentals of Speech	The course Fundamentals of Speech is the study of various types of formal speeches that are most commonly required on the college level. This course is designed to integrate critical thinking skills, research skills, listening skills, and speaking skills with an emphasis on effective nonverbal and verbal communication to demonstrate mastery of public speaking skills for a variety of audiences. Throughout the course,	This is an LCCC concurrent enrollment course. SPE 125

			students will have opportunities to practice and refine their speaking techniques including vocal variety, pacing, volume dynamics, eye contact, gestures, facial expressions, and implementation of multiple media resources.	
1119	.5	SAT Prep-English  (Pass/Fail)	This semester-long elective course is designed to help students develop the critical reading, writing, and language skills necessary for success on the PSAT/SAT. Through focused instruction and practice, students will learn strategies for analyzing complex texts, identifying key ideas and details, improving grammar and sentence structure, and crafting high-scoring essay responses. The course incorporates timed practice tests, vocabulary building, and personalized feedback to target individual strengths and weaknesses. By the end of the semester, students will gain confidence and proficiency in the skills required to excel on the PSAT/SAT and in future academic pursuits.	

### **FAMILY & CONSUMER SCIENCE**

<b>Course#</b>	<b>Credit</b>	<b>Course Name</b>	<b>Course Description</b>	<b>Pre-Req</b>
1560	.5	Culinary Arts	Culinary Arts is open to all students and will introduce students to the basics of food preparation and kitchen safety. Skills explored include measuring, mixing, cooking, baking, basic nutrition, and dishwashing. This class must be taken before enrolling in any other culinary course.	
1561	.5	Food Preparation I	In this course, students will learn about the Food Service Industry. Students will explore hospitality, knife skills, and a variety of cooking methods. Nutrition, preparation, and menu cost are a component for this course.	Course #1560
1562	.5	Food Preparation II	In this course, students will build on skills learned in Food Prep I. Students will learn about food science, meal preparation and planning, food preservation techniques and more. Appetizers, main dishes, casseroles and salads will be on the menu!	Course 1561
1564	1  (Semester Course)	Foods & Nutrition	Students will explore healthy eating patterns, the nutrients and their functions through guided labs and nutrition activities. They will practice the preparation of healthy foods and learn to make wiser food selections. This is a semester-based course.	Course #1560 This is an LCCC concurrent enrollment course. HPE-130
1567	.5	Baking 1	In this course, students will explore the science of baking as well as mixing methods used to produce high quality baked goods. We will explore the functions of ingredients, using our knowledge to make a variety of quick breads, cookies and more.	Culinary Arts Course #1560
1568	1	Baking 2	Baking II is a Penn College concurrent enrollment course. This is a year long course and is an extension of Baking I. Acquired skills will be utilized to prepare a variety of baked products including pies, cakes, yeast breads, pastries and more. Upon successful completion of this course, students will earn 3 college credits.	Culinary Arts Course #1560 and Baking 1 Course #1567  11 <sup>th</sup> and 12 <sup>th</sup> Grade Students Only  This is a PC NOW concurrent enrollment course FHS 137
1569	.5	Regional Foods	In this class, students will take a food tour across the United States with a tasting adventure along the way. Students will discover why foods are popular in some areas over others, where our food influences come from and more. Students should be open to trying a variety of foods when considering this course.	Course #1560

1570	.5	International Foods	In this class, students will take a culinary tour around the world with a tasting adventure of ethnic foods. Students will research the culture and dining habits of selected nations, then prepare samples of their studies. Students should be open to tasting a variety of flavors when considering this class.	Course #1560
1571	.5	Fiber Arts	This course introduces students to the fiber arts world, exploring various techniques such as weaving, knitting, crocheting, sewing, and quilting. Students will learn about the history of fiber arts worldwide while developing their creative expression and craftsmanship. Through hands-on projects, students will create their textile pieces, gaining an understanding of the materials, tools, and processes used in fiber arts.	
1572	.5	Advanced Yarn Applications	This course examines yarn-related crafting processes in greater detail. Students will learn how to combine basic stitches in patterns and create more advanced textile pieces.	Introduction to Fiber Arts (1571) OR permission of instructor upon demonstration of prior knowledge
1573	.5	Advanced Fabric Applications	This course examines fabric-related crafting processes of sewing, quilting, and embroidery in greater detail. Students will learn how to construct more advanced fabric items for everyday use.	Introduction to Fiber Arts (1571) OR permission of instructor upon demonstration of prior knowledge

## **MATHEMATICS**

Mathematics provides the basis for every field wherein measurement is required. As a discipline, it enables students to think clearly, sequentially, and logically. Students should choose mathematics courses which will provide the background necessary to pursue desired career goals. The sequences are designed to meet varied needs. A student can move from one sequence to another or to schedule concurrent courses with department approval provided that the prerequisites (if any) have been met. The forward progression of courses will always be required. Each student must consult with his or her math teacher before selecting a course. At the end of scheduling and at the end of the school year, all course selections and student grades will be reviewed. If a student's grades have changed in such a way that the chosen course prerequisite has not been met, the student may not move on to that course. For honors/upper-level course work, summer work will be assigned prior to the school year in which the student takes the course. Students must complete the summer work for the course.

<b>Course#</b>	<b>Credit</b>	<b>Course Name</b>	<b>Course Description</b>	<b>Pre-Req</b>
1201	1	Algebra 1A	Algebra 1A will give students a foundation of algebraic concepts. This course, in combination with Algebra IB, will cover all the material necessary for Keystone Algebra. <i>*A scientific or graphing calculator is required for this course.</i>	
1204	1	Algebra 1 B	Students will continue topics from Algebra IA and complete topics for Keystone Algebra. It will also prepare them for Algebra IIA and/or Geometry A. <i>* A scientific or graphing calculator is required for this course.</i>	Successful Completion of Course 1201
1206	1	Algebra 1	Algebra 1 is for the student who wants to pursue course work in academic mathematics. In this course, concepts of arithmetic basic to understanding algebra are solidified. In logical sequence, more difficult algebraic concepts are introduced. Wherever possible, applications of these concepts are used so that the	

			student realizes the relevant, real-life uses of algebra. Problem solving is a vital component of this course. Students learn to read a problem, analyze it, put it into the form of an equation and then discover a way to solve it. <i>A scientific or graphing calculator is required for this course</i>	
1203	1	Algebra 2 A	This is another course in a sequence designed to follow Algebra IB and it prepares students to complete the study of basic algebra and proceed into more advanced topics. <i>A scientific or graphing calculator is required for this course.</i>	Successful Completion of Course 1204
1202	1	Geometry A	Geometry 1202 will cover all the basic geometry ideas and principles, as well as a few related algebraic concepts. <i>A scientific or graphing calculator is required for this course.</i>	Successful completion of 1206 & 1203 OR 1201 & 1204
1207	1	Geometry	Geometry is the third course in a sequence designed for the student who is pursuing a course in academic mathematics. Geometry integrates “thinking skills” into the entire course. It develops logical, deductive reasoning by having the student make, test, and prove conjectures. Students must use accepted statements (definitions, theorems, postulates, and given information) to reach conclusions. <i>A scientific or graphing calculator is required for this course.</i>	Successful Completion of Course 1206 or 1209
1208	1	Geometry Honors	This is an accelerated course for students who have successfully completed Algebra 2 Honors. More material is covered than in Geometry 1207 and a more thorough examination of the included concepts is undertaken. <i>A scientific or graphing calculator is required for this course.</i>	Successful Completion of Course 1210 with 87% or higher
1209	1	Algebra 2	Algebra 2 is designed for the student pursuing an academic mathematics series of classes. Algebra 2 completes the study of basic algebra; it then proceeds into topics involving polynomials, quadratics, and rational expressions. Practical applications are essential in each chapter along with <i>instruction that requires the use of a scientific, or graphing calculator, or computer.</i>	Successful Completion of Course 1206
1210	1	Algebra 2 Honors	Algebra II completes the study of basic algebra and then proceeds into topics involving polynomial expressions and functions, radicals, quadratic functions, rational expressions, and conic sections. Application problems used throughout the course are designed to show how the math is used in the real world. <i>Any student who wishes to take this course in the 10th grade year must schedule Geometry Honors 1208 in the same year.</i> <i>A scientific or graphing calculator is needed for this course.</i>	Successful completion of 1206 with a 93% or higher
1216	1	Consumer Math	Students will learn practical real-life applications including, but not limited to, personal finance, taxes, banking, and business math.	11 <sup>th</sup> & 12 <sup>th</sup> Grade Only  Completion of 1202, 1203, or 1204
1215	1	Probability & Statistics	This course is geared toward students who have completed at least Algebra I. The statistical applications are drawn from various disciplines,	Successful Completion of Course 1206



			including natural sciences, social sciences, business, economics, education, engineering, and computer science. <i>A TI-83 or higher graphing calculator is required.</i>	
1211	1	Pre-Calculus	Pre-Calculus is the fourth course in a sequence designed for the student pursuing an academic mathematics series of courses. Pre-Calculus offers a comprehensive overview of the mathematical skills needed for students to succeed in a rapidly changing technical world. Students will cover, in detail, relations and functions, trigonometry, conics, logarithmic and exponential functions, and sequences and series. <i>A graphing calculator is required for this course.</i>	Successful Completion of Course 1207 & 1209
1212	1	Pre-Calculus Honors	Pre-Calculus Honors is an advanced course designed for those students who have successfully completed (87% or better) both Algebra II Honors and Geometry Honors. One semester will be devoted to the study of Trigonometry. Other topics covered are logarithmic and exponential functions, sequences and series, and the calculus concepts of limits and derivatives. <i>A graphing calculator is required for this course.</i>	Completion of Course 1208 & 1210 with an 87% or better.
1213	1	Calculus Honors	Calculus is an accelerated course. The emphasis is on the application and techniques of both differential and integral calculus. The course consists of functions, limits, differentiation and integration of algebraic and transcendental functions, plus practical applications of the derivative and integral. <i>A TI-89 graphing calculator is required.</i>	Successful completion of 1211 or 1212 with 87% or better
1214	1	AP Calculus A/B	The course is based on college level materials and college level teaching strategies in Calculus. Students will be required to take the College Board's AP exam in May. <i>A TI-89 graphing calculator is required.</i>	Successful completion of 1212 or 1213 with 87% or better
1218	1	Survey of Mathematics	Explores the role of mathematics in modern culture emphasizing techniques and applications in the social, natural, and management sciences, as well as those in technological fields. Topics studied include problem solving, set theory, logic, number theory, the real number system, probability, and statistics.	Completion and passing of 1206, 1209, & 1207 and the required LCCC entrance exam
1219	.5	SAT Prep-Math (Pass/Fail)	This semester-long elective course is designed to prepare students for success on the PSAT/SAT Math sections. Students will strengthen their understanding of key mathematical concepts, including algebra, geometry, data analysis, and advanced math topics. The course emphasizes problem-solving strategies, time management skills, and practical techniques for tackling multiple-choice and grid-in questions. With regular practice tests, targeted reviews, and personalized feedback, students will build confidence and proficiency to achieve their best possible PSAT/SAT Math scores.	Successful completion of 1206  Grades 10-12
1481	.5	Daktronics	This elective course introduces students to the basic features of the Daktronics control system equipment and software language. Students will learn about Daktronics display operations, All Sport control consoles, Show Control, Content Studio, and DakStats. They will also explore objective-oriented event planning, in-game video operations, seamless display operations and fan enhancements. Typical assignments and projects include producing sports	Understanding of basic computer skills.

			and school spirit related game-day display content, working with the community and sponsors to create sponsor-related display content, and operating video and Daktronics equipment during sporting events.	
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## **MUSIC**

<b>Cour se#</b>	<b>Credit</b>	<b>Course Name</b>	<b>Course Description</b>	<b>Pre-Req</b>
1500	1	Band	The course of study used in band class or band rehearsals includes (1) a study of the various instruments of the band. (2) Rehearsing with emphasis being placed on musical blend, pitch, intonation, timbre, rhythm, etc. (3) a study of music history using period music. (4) The use of scales, arpeggios, personal disciplines as related to band performances such as marching, concerts, parades, etc. Required performances include football games, competitions, parades, and concerts.	
1501	.5	Band Front	Band Front meets 5 days each week for the first marking period. Students will learn basics in flag techniques, dance, marching techniques, and drill. Students will combine these basics to enhance the visual presentation of the Bloomsburg High School Marching Band. Performances at all rehearsals, football games, competitions and parades scheduled during the school year are required for this course.	
1502	1	Band/Chorus	Band students who would like to participate in the choral program could elect to do so by selecting this course of study named Band/Chorus. An arrangement of three band periods and three chorus periods would complete the six-day requirement. During the first nine weeks chorus will meet two times, band three times a week.	
1503	1	Band/Band Front	Band students who would like to participate in band front could do so by selecting this course. This elective meets daily combining band front for the first nine weeks and band for the remaining marking periods.	
1504	1	Band Front/Band/ Chorus	Students have the option to participate in all three musical electives through participation in Band Front during the first nine weeks and completing the year with the Band/Chorus component.	
1505	1	Band Front/Chorus	Students will participate in Chorus twice per week during the first nine weeks then five days a week from second nine weeks to the end of the year.	
1508	1	Chorus	Chorus is offered five times a week. The following areas of music will be explored by students who select this one credit course: 1) Rhythm, melody, form, and tone color using choral music. 2) Various periods and styles of choral music; 3) Techniques of singing; 4) Performance of music in required public performances. Students will also try out for County and District Chorus Festivals.	
1509	1	Voice 1	Are you unhappy with the sound of your voice? Do you want to sing like your favorite pop icon? Do you eat, sleep, drink and breathe the desire to be a singer? Do you just want to learn more about singing? Check out Voice Class I. You will learn to sing with ease! There are several ingredients to the success puzzle for aspiring	

			vocalists: diction, a fancy word for pronounces words correctly, efficient use of the body to breathe and shape sounds, phrasing, and dynamics. One of the tools that will help you to learn diction is the secret language of IPA. You will have to take the course to learn how to use it effectively.	
1510	1	Voice 2 Honors	If you loved the first level, you would certainly want to delve deeper into vocal study. This course is designed for the serious vocal student that wants to study voice in college or pursue singing more actively after high school. The curriculum is designed to encourage you to dig deeper into singing technique, so the voice is more effortless and more expressive. More practice is required in this level. Students will be required to complete prerequisite work for the honors distinction, i.e. Learn repertoire over the summer or complete a book review.	Successful Completion of 1509
1511	1	Voice 3 Honors	This course is designed for students that have completed Voice Class 2 with an average of 90 including the final and approval of the instructor will be given to the opportunity to extend their vocal study. Students must be enrolled in chorus or band/chorus for the year. Students will be required to complete prerequisite work for the honors distinction (i.e. learn repertoire over the summer and/or complete a book review).	Successful Completion of 1509 & 1510
1512	.5	Guitar	In this semester class, students will be given the opportunity to further their technique on guitar. They will also develop an understanding of the theoretical concepts of harmony through the completion of online and group instruction. Fundamental skills like scales will be explored through improvisation in class. Beginning students are welcome, but experienced guitar players are preferred.	
1513	1	Theater Appreciation	This course is an introduction to the nature of theatre art and its representative dramatic genres, and the functions of the basic practices of the playwright, actor, director, and design technicians. The course is designed to help students bring critical thinking skills into their experience as theatergoers and increase their appreciation and evaluation of theatre presentations. By reading, discussing, and seeing plays, students will have a better understanding of the various elements of theatre and theatre production as art. Available to Sophomores and up	This is an LCCC concurrent enrollment course. THR 100
1506	1 (Sem. Course)	Music Appreciation	An introduction to Western music including the elements of music, various musical styles, medias and forms, stylistic periods, and significant composers. Available to Sophomores and up.	This is an LCCC concurrent enrollment course. MUS 150
1516	1	Introduction to Acting	In this course, students will explore specific techniques in acting. The students will prepare monologues and dialogues, will explore body awareness, gestures, and movement through space, will study vocal inflection, and will analyze monologues for content and delivery. The goal is to equip students as young actors to communicate the text and "POP" more effectively in the limelight of the spotlight. Available to Sophomores and up.	This is an LCCC concurrent enrollment course. THR 101

## **PHYSICAL EDUCATION AND HEALTH**

Physical Education is a mandatory co-ed program at Bloomsburg Area High School. These planned programs include activities that contribute to the individual's overall physical development during their high school years. The curriculum includes team sports, individual sports, lifetime recreational activities, and an emphasis on physical fitness.

A sequential program of health units is offered. These programs contribute to personal and community health and encompass mental, emotional, social, spiritual, and physical part of the human being.

<b>Course#</b>	<b>Credit</b>	<b>Course Name</b>	<b>Course Description</b>	<b>Pre-Req</b>
1709	.25	PE 9	PE 9 focuses on leadership, sportsmanship, and team-building activities. The concept is to help create a positive and cooperative school environment through class lessons that challenge students to work together.	
1710	.25	PE 10	Physical Education 10 is the second of 3 required physical education courses. It is a generalized approach including team building skills, personal fitness, and team sports participation. Personal improvement over the semester is the objective, so that students learn lifelong fitness activities and skills.	* This course is required for graduation and part of the freshman block.
1711	.5	Individual Sport Activities/Fitness	Students will be introduced to several different individual lifetime sports. Activities may include but are not limited to Table Tennis, Pickleball, and Badminton. Emphasis will be on basic skill development and sport strategy. Activities will conclude with instruction and participation in a fundamentally competitive scenario. This course also involves the use of the fitness center.	Successful completion of 1710
1712	.5	Team Sports	Students will be introduced to several different team lifetime sports. Activities may include but are not limited to Basketball, Hockey, and Volleyball. Emphasis will be on basic skill development and sport strategy. Activities will conclude with instruction and participation in a fundamentally competitive scenario. This course also involves the use of the fitness center.	Successful completion of 1710
1714	.5	Personal Fitness 1	This course is designed to give students the opportunity to acquire knowledge of fitness concepts and conditioning techniques used for obtaining optimal physical fitness. Students will learn the fundamentals of strength training, aerobic training, and overall fitness and conditioning. Students will understand the influence of lifestyle choices on personal health as well as participate in very rigorous exercise regimens.	Successful completion of 1710
1715	.5	Personal Fitness 2	Personal Fitness is a personalized program of physical activity and strength conditioning. Students learn to use resistance exercise to gain muscle mass, mobilize joints, and improve cardiovascular and pulmonary fitness. Open to grades 11 and 12.	1714
1719	.25	Health 9	Health 9 is a course in which we introduce the students to such topics as: the health triangle, self-esteem, goal setting, decision making, coping with stress, nutrition essentials and food groups. Throughout the course the student will learn how each topic will affect him/her physically, mentally, and socially. The students will also learn how to use this information in personal, family and community interactions.	* This course is required for graduation and part of the freshman block.

1720	.25	Health 10	Health 10 includes topics of healthy diet, substance use, death and dying, human sexuality, healthy relationships, mental health, and basic health care. Throughout the course the student will learn how each topic will affect him/her physically, mentally, and socially. The students will also learn how to use this information in personal, family and community interactions.	
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## **SCIENCE**

The science curriculum is designed to emphasize the process of scientific inquiry so that students can think clearly, solve problems, participate in scientific discoveries, and interpret scientific data. These areas of emphasis are designed to fulfill three goals for students: 1) to prepare for further study and potential careers in biology, medicine, chemistry, physics, environmental science, etc.; 2) to instill such ongoing scientific curiosity that the student will continue to ask and answer scientific questions; and 3) to develop an appreciation for the role of science and scientists in the world of expanding technology. Inquiry and curiosity are stimulated through lecture and discussion, review of current scientific literature, and laboratory activities.

Any student in the honors program who leaves the program may not re-enter the program. It is not recommended that more than one science course be taken during the same semester due to the sequential nature of science courses. Please refer to page 7 for Honors guidelines.

<b>Course#</b>	<b>Credit</b>	<b>Course Name</b>	<b>Course Description</b>	<b>Pre-Req</b>
1301	1	Environmental Science	Environmental Science is the first in a two-course sequence developed to help students prepare for the Biology Keystone Exam. Environmental Science will focus on the Keystone assessment anchors found in module B-Continuity and Unity of Life. Basic biological principles, ecological concepts, and the theory of evolution will be the focal points of the course. All course content is aligned with the Assessment Anchors for the Biology Keystone Exam. The Assessment Anchors for the Keystone Exam are defined by the Eligible Content statements established by the Pennsylvania Department of Education. A laboratory component will be incorporated into the course to support the major concepts covered in the class.	
1302	1	Biology	Biology is the second course in a two-course sequence designed to help prepare students for the Biology Keystone Exam. This course will complete our study of the Assessment Anchors for the Biology Keystone Exam. The Assessment Anchors are defined by the Eligible Content statements established by the Pennsylvania Department of Education. The course will focus on the following assessment anchors: The Chemical Basis of Life, Bioenergetics, Cell Growth and Reproduction, and Genetics. A significant laboratory component will be incorporated into the course to support the major concepts studied in class. Students will take the Biology Keystone Exam at the conclusion of this course.	
1303	1.5	Honors Biology	Honors Biology is designed to provide students with a strong foundation in the biological sciences. The focus of the course will include the nature of Biology, Principles of Ecology, Chemical Basis of Life, Cellular Biology, Reproduction, Genetics, and Evolution. The class will promote science inquiry by challenging students to think critically; justify answers; and	

			think like a scientist. Effective teaching strategies will include lecture, group discussion activities, projects, web-based resources, and a significant laboratory component. The goal of this course is to challenge academic students who plan to further their education after high school or pursue a career in the science and science related fields. The course content is aligned with the assessment anchors for the Keystone Exam for Biology. Upon completion of the course, students will be required to complete the Keystone Exam for Biology as defined by the Pennsylvania Department of Education.	
1304	1	Biology 2 Honors	Biology II Honors is a course designed to provide students with a curriculum equivalent to an introductory level college biology course. The curriculum will focus on the areas of the chemistry of life, the cell, genetics, taxonomy, and basic human systems. A significant laboratory component is integrated with each topic area. Students will be required to analyze, interpret, and communicate an understanding of the theories and principles of biology. The intent of the class is to challenge students who plan to pursue a career in the biological sciences or other related scientific fields.	This is an LCCC concurrent enrollment course. BIO 101
1305	1	Integrated Science	This year-long course provides students with a solid foundation in biology and chemistry. It focuses on reinforcing key biology concepts and addressing areas of difficulty, helping students build essential skills for success. In the first half, students strengthen their understanding of biology, covering core principles and practical applications. The second half introduces foundational chemistry, including the structure of matter, chemical reactions, and the role of chemistry in everyday life. Hands-on activities support student learning and engagement	Teacher Rec. Only
1306	1	Chemistry	The course will cover matter and change, measurements and calculations, atoms and their arrangement of electrons, chemical bonding, chemical formulas and compounds, chemical equations and reactions, and gas laws with more emphasis on everyday chemistry and less emphasis on math. Lab work is included throughout the course.	
1307	1	Chemistry Honors	This course is an advanced college-prep course that will study matter and change, measurements and calculations, atomic structure, quantum mechanics, periodic law, chemical bonding, chemical formulas and compounds, chemical equations and reactions, stoichiometry, gas laws, acids and bases, biological chemistry, and organic chemistry. Lab work is included throughout the course. This course is math intensive.	This is an LCCC concurrent enrollment course. CHE 111
1309	1	Applied Physical Science	This course content will include topics of motion, Newton's laws, momentum, energy, and gravitation. Work in heat and thermal energy, wave motion, sound, light electricity and magnetism and astronomy topics will be included. This course will involve minimal amounts of math with an emphasis toward practical application. The course will rely more on description and examples through both	

			demonstration and experimentation. This course is not intended to prepare students for college physics classes.	
1311	1	Physics Honors	Physics is an advanced college-prep course designed for students in their junior or senior year of school currently on the Honors science track of study, with high success in math and science courses. The course begins in mechanics with a study of motion, forces, energy, and the conservation laws and continues with wave motion, fluid dynamics, a study in heat and thermal energy and electricity and magnetism. Laboratory exercises will be included to allow for a more practical understanding of the concepts being developed. This course is extremely challenging, with a rigorous workload. It will prepare students for the physics classes needed in engineering, physics, or advanced sciences in college.	Currently taking Honors Pre-Calculus or Calculus
1313	1.5	AP Biology	Prospective students must have maintained an 85% average in both courses. Students enrolled in this course will be required to take the College Board's AP Biology exam. AP Biology is a college-level course for highly motivated students who plan to further their education in a scientific field. The course is designed to be the equivalent of a two-semester college introductory biology course. The goal of the course is to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. A significant laboratory component will be integrated into the curriculum. The class differs from Biology II Honors with respect to the range and depth of topics covered, the kind of laboratory work done, and the time and effort required of students. Due to the volume of material to be covered, students will be expected to assume responsibility for their own learning by completing several assignments during the summer.	Successful completion of Honors Biology (1303) and Chemistry Honors (1307).  This is an LCCC concurrent enrollment course BIO 101
1314	1	Anatomy & Physiology Honors	Human Anatomy and Physiology is a full year course that focuses on the structure and function of the human body. Students will study the biochemical composition, basic organization, and major body systems of the human body. The course will focus on anatomical terminology, anatomical identification, and the physiological process of the human body systems. An emphasis will be placed on an understanding of the functions of the human body systems and how the systems maintain homeostatic balance. The course will feature labs that will further explore key content and is designed for students pursuing a degree in the health sciences, biological sciences, or nursing field.	Successful completion of 1303 or 1307 and maintained an 85% average in both courses.  This is an LCCC concurrent enrollment course. BIO 135
1315	.5	Meteorology	Meteorology offers students an in-depth exploration of the dynamic and complex field of weather science. Through a combination of theoretical study, practical observation, and hands-on experiments, students will delve into the fundamental principles governing Earth's atmospheric processes and weather phenomena. This course will provide a comprehensive overview of meteorology,	Juniors & Seniors only

			covering topics such as atmospheric composition, weather patterns, climate systems, severe weather events, and the impact of human activities on the environment.	
1317	.5	Forensics	The Forensics course introduces students to the field of forensic science, exploring its applications in solving crimes and contributing to justice. Through a combination of theoretical knowledge and hands-on activities, students will develop an understanding of the scientific principles and techniques used in forensic investigations. This course will cover various aspects of forensic science, including crime scene investigation, evidence collection and analysis, forensic biology, forensic chemistry, forensic anthropology, forensic psychology, and the role of technology in modern forensic practices.	Juniors & Seniors only
1320	1	Introduction to Aviation	This course will introduce students to basic aircraft and UAS structures and their major components, principles of flight, and the fundamental physical laws affecting flight. Students will learn about basic aerodynamics and forces that act on aircraft in flight. This course will also introduce the main systems found on large and small airplanes and UAS. AOPA Aviation STEM Curriculum Standard Alignment	

## **SOCIAL STUDIES**

The social studies curriculum is built upon the foundation disciplines of history, geography, economics, sociology, psychology, anthropology, and political science. The specific courses and topics which comprise the curriculum rest on this foundation and focus on the past, present and future interaction of human beings and their environment.

The special purpose of social studies is citizen education and the civic learning of everyone. The Bloomsburg Area School District has as its goal the development of a contributing and productive individual possessing self-awareness, knowledge, skills, and a sense of responsibility as a member of the family, school, local community, state, nation, and the world.

Each of the core social studies courses are to be taken in order of their course number. This sequence is Civics/Civics Honors— World Cultures/World Cultures Honors—American Cultures/American Cultures Honors/AP U.S. History. Exceptions will be considered on an individual basis and only when the regular order is impossible, such as might occur when a student transfers from another school. Please refer to page 7 for honors guidelines.

<b>Course#</b>	<b>Credit</b>	<b>Course Name</b>	<b>Course Description</b>	<b>Pre-Req</b>
1400	1	Civics	This course is designed to give freshmen students an understanding of government operations as they affect the everyday life of the American citizen. Students examine citizenship in our democracy and then turn to a study of current problems facing school, community, and family life. A solid review of the government process ensues at the national, state, and local levels. The purpose of the course is centered on the growth of students into becoming responsible citizens with the ability to be contributing members of society. Appreciation of	



			current events is also a significant part of the course structure.	
1401	1	Civics Honors	This course is designed for the highly motivated freshman student. The student will be required to do research, provide oral reports, participate in cooperative learning, and write short papers. The course begins with a general review of citizenship in our democracy. It then turns to an independent inquiry of the citizen in society. The course continues by reviewing specific information about the traditions of democracy by providing a detailed study (reworded) of our federal system of government to explain the functions and activities of each of the three branches of government. Students also examine the powers, duties, and organization of state and local government to receive a clearer understanding of how the federal system works. The course then looks at the citizen in government with an in-depth look-at the key elements of the American political system - elections, political parties, interest groups, public opinion, and the media. It finishes with students being introduced to the concept of foreign policy focusing on past and future foreign policy challenges for the United States. Appreciation of current events is also a significant part of the course structure.	
1402	1	World Cultures	This sophomore course is designed to foster an understanding and appreciation of the political, cultural, and social aspects of the world's cultures from the rise of absolutism in Europe to the present. The purpose of this course is to develop students' understanding of the world as global community and their roles as citizens in that community.	
1403	1	World Cultures Honors	The Honors World Cultures course extends the depth and breadth of the sophomore World Cultures course. Honor students are expected to be well versed in current events and issues. Integrated into the coursework are more extensive and challenging projects, assignments, and assessments.	This is an LCCC concurrent enrollment course. HIS 102
1404	1	American Cultures	The American Cultures class is intended to be taken during your junior year. American Cultures is an attempt to teach a fundamental knowledge of the culture and history of the American people arising out of a belief that the future destiny of any society can be to a large degree molded through a sound knowledge of its past. Students are encouraged to develop the habit of critical thinking and analytical reasoning as an integral part of American Cultures.	
1405	1	American Cultures Honors	American Cultures Honors is designed to expose junior students to a more in-depth exploration of the American Cultures curriculum. Additionally, honors students can expect a higher level of questions and topics within class, and on examinations. This curriculum lends itself well to the exploration of primary sources and the linking of past to present using critical thinking skills.	This is an LCCC concurrent enrollment course. HIS 202
1406	1	Current Issues in History	Current Issues in History is an elective senior year course. This course is an extension of American Cultures around the time of the Cold War and	

			moving until the present day. Unlike American Cultures, Current Issues in History will also look at the history of the rest of the world in past centuries and how that history has implications on current world relations. In addition, it investigates the roles of government and economics and their impact on today's society and world affairs. A strong focus on current events is ever-present, which allows students to focus on current history as it is taking shape. This allows students to become more knowledgeable about current domestic and international affairs, leading to students who will be better prepared for their role as productive citizens.	
1409	1	Early US History: Colonial Period -1877 Honors	Students interested in taking the AP US History course should take this course prior to 1410 AP US History: 1877-Present. This course is designed to introduce students to the necessary skills needed to succeed on the APUSH College Board Exam. Students will be introduced to the format of the exam, including multiple choice, short answer, long answer and document-based questions. Throughout the course of the year, students will discuss the history dating back to the discovery and colonial period of our country and lasting until post-Reconstruction era following the Civil War. Students will learn to interpret primary and secondary resources and to apply them to their historical knowledge of the time period. Students should learn to assess historical materials – their relevance to a given interpretive problem, their reliability, and their importance – and to weigh the evidence and interpretations presented in historical scholarship.	This is an LCCC concurrent enrollment course. HIS 201
1410	1	AP US History	<p>The AP program in United States History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials – their relevance to a given interpretive problem, their reliability, and their importance – and to weigh the evidence and interpretations presented in historical scholarship. An AP United History course should thus develop the skills necessary to arrive at conclusions based on an informed judgment and to present reasons and evidence clearly and persuasively in essay format. Students enrolled in this course will be required to take the College Board's AP Psychology exam.</p> <p><b>For the 2026-2027 School Year:</b> The AP program in United States History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States history. This course will further strengthen the skills taught in the previous course to ensure that students are prepared for the type of questions that will be asked on the exam in May.</p>	<p>Early US History (1409)</p> <p>This is an LCCC concurrent enrollment course. HIS 202</p> <p>12<sup>th</sup> Grade Students (2025-2026 SY)</p>

1411	1	AP Psychology	The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students will also learn about the ethics and methods psychologists use in their science and practice. Students enrolled in this course will be required to take the College Board's AP Psychology exam. 11 <sup>th</sup> & 12 <sup>th</sup> grade only.	An average of 85.0% or better in a previous Social Studies honors course.  This is an LCCC concurrent enrollment course. PSY 103 & PSY 213
1412	1 (Semester Course)	Psychology	Psychology is a one semester elective course for interested juniors and seniors. This course will spend time investigating the subfields of Psychology. The program will focus on topics such as social psychology, psychological disorders and their treatments, sensation and perception, and learning.	This is an LCCC concurrent enrollment course. PSY 103
1413	1 (Semester Course)	Sociology	This one semester elective course will explore the Sociological Perspective; Doing Sociology; Research Methods; Culture; Socialization and Development; Social Interaction and Social Structure; Group Structures; Communities; Society; Deviance and Criminal Behavior; Social Stratification; Racial and Ethnic Minorities; and Gender Roles today. The course is open to both juniors and seniors.	This is an LCCC concurrent enrollment course. SOC 101
1414	1 (Semester Course)	Vietnam	In this course students will be analyzing the Vietnam War Era (1945-1975). We will begin with a background of colonialism & conflict in Vietnam that which predates the American invasion. Students will study and gain knowledge throughout the course of the Cold War policies which shaped the U.S. military strategies in Vietnam, the social & political impacts of the war at home, and the multifaceted ramifications following the war's end & American withdrawal. The course will be taught at an upper-level, college pace. Students will be expected to take notes, complete independent readings, engage with primary & secondary sources, demonstrate understanding through written reflections, class discussions, projects, and assessments.	This is an LCCC concurrent enrollment course. HIS 259
1416	1 (Semester Course)	Western Civilization 1	This elective course is a survey of the main stages of the history of western civilization up to the beginning of the 17th Century. It emphasizes the concepts, forces, ideas, events, and people that shaped the complex dimensions of the contemporary world. After a brief consideration of the earliest civilization phase, the course explores the classical period, from about 1000 B.C.E. to 500 B.C.E., the spread of civilization period, 500 to 1400 C.E., and the spread of the Renaissance and Reformation.	This is an LCCC concurrent enrollment course. HIS 101
1417	.5	Cultural Geography	This course is a study of cultural practices that have been developed in particular regions of the world over time by human populations. We will explore the complex relationship between people and land and discover the changes that have been made on the earth's surface by human cultures. Students will explore the relationships between people and their	Juniors and Seniors only.

			environments, focusing on how culture shapes and is shaped by the world around us.	
1418	.5	Physical Geography	This course will introduce students to the study of geography. Geography allows us to find answers to questions about the world around us. We will explore the processes that shape the earth, the relationships between people and environments, and the links between people and places. This course aims to develop students' spatial awareness, critical thinking skills, and appreciation for the interconnectedness of the natural world.	Juniors and Seniors only.

## **TECHNOLOGY AND ENGINEERING EDUCATION**

The Technology & Engineering curriculum offers courses that develop higher order thinking skills and problem solving through the practical application of science and mathematics. Students are provided creative opportunities to develop hands-on skills in a variety of technical areas making them more competitive in future career opportunities after graduation. Technology & Engineering Education courses also deliver skills and practical knowledge that could lead to further study in engineering, manufacturing, STEM related careers and vocational professions. The STEM correlated activities offered within each of these courses can provide a better insight to the man-made world and its materials, products, and processes.

<b>Course#</b>	<b>Credit</b>	<b>Course Name</b>	<b>Course Description</b>	<b>Pre-Req</b>
1520	.5	Introduction to Technology Education	This semester course is designed to provide introductory exposure to various aspects of engineering and construction. At the entry level there will be an overview of manufacturing, materials, machine safety, and computer-aided machining. Each student will construct several simple projects using various construction techniques and materials in addition to learning how to use the computer-aided machinery available in the engineering lab.	Not available to students that took 1529
1521	.5	Computer Design and Engineering	This course is designed to allow students to explore a variety of different Computer Aided Manufacturing (CAM) applications. Students will utilize 3D modeling programs in addition to Computer Aided Design (CAD) software to design and create a variety of mechanical and artistic projects. Emphasis will be placed on the computer design aspects of engineering and related computer-assisted machining of those ideas. Students will be using a laser cutter/engraver, 3D printer, CNC router and vinyl cutter to create unique projects as part of this course	Student should possess strong computer skills & have a good background in math and science. Not available to students that took 1529
1523	1	Robotic Design	This course is intended to challenge students to apply elements of engineering to design, create and manufacture robots that can solve specific real-world problems. Students in this course will have the opportunity to participate in several robotic competitions, i.e. Battle Bots IQ, to test their solutions against other schools from across the state and country. Participating students will develop a multidisciplinary set of engineering skills and knowledge as they design and build a functioning robot from scratch using tools and equipment	Strong math, science and technology background is recommended.

			available in the Technology Education classroom and materials laboratory.	
1524	1	Robotic Design 2	This course is a follow-up to Robotics Design I where the advanced student is expected to become a class mentor to the Robotics Design I students. The expectations for those students who select this course are high, but hard work has its own rewards. Personal achievement and referencing experience and success will get the attention of college admissions officers. Battle Bots IQ, The High School Challenge is an engineering program of studies that offers many avenues for achievement. Level II students are expected to participate in this or a comparable event which will entail spending time outside of class to complete the require work.	Course 1523
1525	1	Computer-Aided Design  This course is offered every other year – 2025-2026	This course provides students with exposure to a variety of different computer-aided design program experiences. Students will utilize CAD to solve problems of visualization of multi-view drawings using AutoCAD and SolidWorks. Students will develop 3D models that they can then print using the 3D printers to analyze the fundamentals of design, mass, center of gravity and other engineering elements. In addition, students will utilize architectural design software to create new home and building designs as well as study construction methods and proper use of materials and space.	This course is offered as Concurrent Enrollment through Penn College CCD 103 &104  11 <sup>th</sup> and 12 <sup>th</sup> Grade Students Only
1526	1	Architectural Drawing  This course is offered every other year – 2026-2027	This elective course is an in-depth study of residential home and commercial building designs. Student will learn the fundamentals of building design and will replicate a variety of different home styles. By the end of the course, each student will be responsible to design and draw a complete set of plans necessary in the building of a residential home. The student will use the computer program, Chief Architect and Revit to complete these activities. Offered every other year, opposite of CAD.	
1529	1	Technology Education	This course is designed to provide a study of various aspects of engineering. At this level there will be a major emphasis placed on manufacturing, machine safety, and computer-aided machining. Students will get the opportunity to utilize a 3D printer, Laser Cutter/Engraver, Vinyl Cutter, CNC Router and a variety of different design software needed to run the machines in the laboratory. Each class will construct a group project using various construction techniques and computer-aided machining. There will also be time for individual study/projects in a particular area of student interest. There will be a minimal fee involved to help defray the cost of the individual projects.	
1530	1	Technology Education 2	This course is a student-centered exploration of engineering and technology. The course allows students to explore a variety of manufacturing operations and procedures. Students will utilize various software applications to further develop their computer-aided machining and computer-aided design capabilities while refining their hands-on construction capabilities.	Course 1529

1531	1	Technology Education 3	This course is designed to develop competence in material manufacturing and computer-aided machining as a means towards the production of major projects, with the emphasis upon the proper and efficient use of equipment and materials. Individual laboratory work experience in the construction of a major project will be supplemented by classroom activities, lecture, and demonstrations.	Course 1530
1532	1	Technology Education 4	This course is designed to give students the flexibility to develop advanced skills in a particular area of interest. Students will be required to research and develop specific skills necessary to become competent in this chosen field of concentration. For students to participate in this independent study, they should have successfully completed at least the first three levels of Technology Education.	Course 1531

### **WORLD LANGUAGES**

Research shows that students who have taken several years of a language learn much more about English in the process. As a result, they tend to achieve high scores on the verbal portion of college entrance tests. Language study can also make graduates more competitive in the job market. The in-depth study of a world language gives students an awareness of cultural differences among nations, resulting in better international understanding. College-bound students should complete at least a two-year sequence of one world language before graduation from high school. Careers in Foreign Service, international trade and government, interpreting, education, the media, and travel involve knowledge of world languages. Please refer to page 8 for honors guidelines.

<b>Course#</b>	<b>Credit</b>	<b>Course Name</b>	<b>Course Description</b>	<b>Pre-Req</b>
1450	1	Spanish 1	Spanish 1 introduces the language and culture of the Spanish-speaking world. It is designed to help each student attain an acceptable degree of proficiency in the four skills of listening, speaking, reading, and writing. The emphasis is on communication as ample opportunities are provided for the students to interact among themselves and with the teacher.	
1451	1	Spanish 2	Spanish 2 continues the study of the language and culture of the Spanish-speaking world that was begun in Spanish 1. In this level of study, some of the more complex structures of basic Spanish are presented and the cultural themes studied last year are expanded. The course is designed to help each student to acquire a command of the key vocabulary and structures necessary for personal communication as well as an appreciation of the breadth and variety of the Spanish-speaking world.	75% average in Spanish 1
1452	1	Spanish 3	In this third level of study, the basic language skills taught in the prior courses are further developed. Along with a review of grammar, the student is introduced to Hispanic literature and culture. While oral expression is still stressed, greater emphasis is now placed on reading and writing.	75% average in Spanish 2  This is an LCCC concurrent enrollment course. SPA 101

1453	1	Spanish 4	This fourth level of study begins with a review and expansion of language topics covered in the first three years of study. Additional vocabulary and grammatical structures are then presented along with a more in-depth study of the art and literature of the Hispanic world. The students will read selections from classic and contemporary Hispanic literature, view artistic masterpieces, and discover the many aspects of the dynamic Hispanic culture.	90% average in Spanish 3  This is an LCCC concurrent enrollment course. SPA 102
1455	1	French 1	French 1 is an introduction to the French language and culture. Level 1 is designed to move students as quickly as possible from working with individual words and memorized material to dealing with sentences and using the language creatively. Students are placed into realistic contexts that allow them to use the language they learn in meaningful communication. The four skills (listening, speaking, reading and writing) are integrated and mutually supportive. Class activities will be conducted in French as much as possible in order to guarantee maximum exposure to the target language.	
1456	1	French 2	French II is a continuation of French I. In addition to reviewing and expanding topics and functions presented in Level I, Level II introduces new topics that allow students to further communicate their concerns and interests. The emphasis is now placed more systematically on the receptive skills (reading and listening). Culture continues to be an integral part of the program.	75% average in French 1  This is an LCCC concurrent enrollment course. FRE101
1457	1	French 3	French 3 focuses on the concerns of everyday life for young people in France and other French speaking countries. Students learn about current social issues as well as French customs and heritage. In terms of language skills, greater emphasis is now placed on reading and writing which serve as the catalysts for listening and speaking.	75% average in French 2  This is an LCCC concurrent enrollment course. FRE102

### **CTE Programming**

There are currently 3 CTE Programs at Bloomsburg High School

Business Management ♦ Diversified Occupations ♦ Education

### **BUSINESS MANAGEMENT**

The goal of Business and Technology CTE Program is to provide a basic foundation to prepare students for college or the workforce. Students will have the opportunity to use the most popular software available in college classrooms and business offices today. By enrolling in business and technology courses, students will have the opportunity to acquire a background in these areas prior to college enrollment or a career in business. Knowledge of business and technology is essential for today's world and tomorrow's future.

LCCC BUS- 101	1	Introduction to Business	This course will provide the business student with a solid foundation that they need to succeed in today's competitive business world. It will include the following topics: the business environment, including global business; business trends, including forming a business and franchises; management; human resources, including motivating and satisfying employees; marketing; business strategy, including accounting and decision making, and e-business; and finance.	
LCCC - CIS-100	1	Basic Computer Skills	This course is intended for students whose familiarity with computers and computer applications is limited. The student will learn basic Windows operating system concepts and commands, management of files and folders on computers and USB drives, use of the Internet (for research, e-mail, and college classes), word processing with Microsoft Word, creating a presentation using Microsoft PowerPoint, and an introduction to spreadsheets with Microsoft Excel.	
LCCC - CIS-108	1	Introduction to Computer and Programming Concepts	Principles of computing associated with electronic information processing and its utilization are presented. Hardware and software, input-output techniques, storage techniques, data communications, internet, web design, networking concepts and introduction to object-oriented programming are studied to acquaint students with the latest methods used to accumulate process, store and interpret data. Topics in databases, computer ethics, privacy and security, current events, systems analysis and programming will also be covered.	
LCCC- BUS 209	1	Business Communication	Developing skill in clear, persuasive writing; style and correct work is supplemented by practical exercise in composing credit, collection, adjustment, inquiry and sales letters; students prepare job applications and a brief report.	
LCCC - BUS- 201	1	Principles of Marketing I	The scope and significance of marketing; the markets for consumer and industrial goods; the wholesaling and retailing of consumer goods; the marketing of agricultural and industrial goods and the marketing policies and practices of business firms.	
LCCC - ACC- 111	1	Principles of Accounting I	This course presents the accounting cycle covering both service and merchandising activities of a sole proprietorship. It also analyzes a business transaction from a journal entry through the preparation of the financial statements (income statement, statement of owner equity, and the balance sheet) to closing journal entries. This course includes but is not limited to, perpetual inventory, accounts and notes receivable, and accounting for plant and intangible assets	



LCCC - ACC-112	1	Principles of Accounting II	The principles of accounting are continued from Principles of Accounting I with the major emphasis on accounting as related to corporations and manufacturing concerns. Topics include manufacturing systems and controls, liabilities, bonds, corporation equity, statement of cash flows and financial statement analysis.	
LCCC - HRM-110	1	Human Resource Management	The course forefronts the people aspects of a managerial position in the hospitality industry. It provides an understanding on how to find and hire the right people; then develop, train, supervise and motivate those individuals. The laws governing the hospitality workplace are explained to help protect the business entity from legal disputes while ensuring that employees and customers rights are also protected. The importance of developing employee standards of performance and quality are emphasized along with administering various competitive employee benefit and compensation programs existent in the hospitality industry.	
LCCC - BUS-261	1	Business Law I	The fundamental principles of commercial law with emphasis on laws of society, contracts, bailments, personal property; cases relating to topics of discussion will be utilized to give application to the basic principles.	
LCCC - BUS-299	1	Business Internship	Students will be placed in selected Businesses to perform internships designed to give students the opportunity to make practical application of their course work in a business setting.	
		Microsoft Certification	This course will teach what is necessary to pass an exam in a specific Office program to earn a Microsoft Office Specialist certification. Being certified as a Microsoft Office Specialist demonstrates you have the skills needed to get the most out of Office.	

### **DIVERSIFIED OCCUPATIONS**

4000	1	Work-Based Learning	Available to students during their junior year of high school, this course will prepare students for Work-Based Learning II and work during their senior year. Course work includes Orientation to Co-op (Diversified Occupations), Career Development and Planning, Employment Acquisition, Human Relations, Health & Safety as well as the OSHA Career Safe online general industry 10-hour certification.	
4500	1	Work-Based Learning 2	Available to students during their senior year if they completed Work -Based Learning I during their junior year. Course work includes Employment Retention, Communication Development, Legal Awareness, Professional Organizations, Consumer Skills, Economics, Future Planning and Technical Related Instruction.	
3000	3	Cooperative Education	Available to seniors who have completed Work Based Learning I and are enrolled in Work-Based	

			<p>Learning II –To qualify for cooperative education, you must be on track for the necessary credits to earn your diploma, have good attendance history and good work ethics. You will also need 3-5 periods available for work in your schedule. These blocks are usually at the start or end of a school day depending on your place of employment. Your position must be a paid position. Students must work a minimum of 15 hours per week and student work hours must include time during the school day.</p> <p>Successfully completing the Cooperative Work Placement will provide the student with a better understanding of the world of work as well as occupational training. This course will:</p> <ul style="list-style-type: none"> <li>• Enhance the co-op student's educational experience with real-world career related work experience.</li> <li>• Allow the co-op student to develop skills and knowledge applicable to an identified career field.</li> <li>• Allow the co-op student to explore, through on-the-job experience, the career options related to their academic work, and to verify their career choice.</li> <li>• Increase the co-op student's maturity level by exposure to the professional work environment.</li> </ul> <p>Establish credentials for the co-op student to enhance their opportunities after graduation for employment or admission to college.</p>	
3500	.25/Qt	Internship	<p>Available to seniors ONLY. This follows our traditional model. To qualify for this internship, you must be on track for the necessary credits to earn your diploma, have good attendance history and good work ethic. Students will need to have 1-3 blocks available at the beginning or end of the school day. This internship can be paid or unpaid. Scheduling can be flexible to meet student needs. Credits are based on scheduled time. This Course will:</p> <ul style="list-style-type: none"> <li>• Enhance the co-op student's educational experience with real-world career related work experience.</li> <li>• Allow the co-op student to develop skills and knowledge applicable to an identified career field.</li> <li>• Allow the co-op student to explore, through on-the-job experience, the career options related to their academic work, and to verify their career choice.</li> <li>• Increase the co-op student's maturity level by exposure to the professional work environment.</li> <li>• Establish credentials for the co-op student to enhance their opportunities after graduation for employment or admission to college.</li> </ul>	

### **EDUCATION**

EDU-150	1	Introduction to Education	An introductory course in the field of education. It presents an overview of the historical, philosophical, and social foundations of education. Current trends,	
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EDU-151	1	Educational Technology	<p>Interested in technology? Love learning new things? This is the course for you!</p> <p>Students will work with current trending technologies, such as AI, and discuss possibilities it brings for students and teachers. Students will explore other online tools such as video/photo editors, interactive slideshow tools, design tools (like Canva), virtual learning tools, screen casting and recording tools, studying and note taking tools, learning games, classroom management tools, 3D modeling and printing tools and much more. Students will learn how to use the Makerspace /Recording Studio equipment. Students will be encouraged to explore their learning passions during the course and will be able to incorporate these tools immediately into their current learning opportunities.</p> <p>Although this Career and Technology Education (CTE) course is designed for those exploring a career in teaching, this course will greatly benefit those on other career paths by exploring new tech that will make learning more effective, engaging, and fun in high school, college, and beyond. This course will be beneficial to anyone interested in a career that requires communicating information and ideas or training others.</p>	This is an LCCC concurrent enrollment course.
EDU-152	1	Principles of Teaching & Learning	<p>This course is designed to equip students with essential skills and strategies for effective classroom management and the development of comprehensive lessons and unit plans. Students will explore various techniques to create a positive learning environment and learn how to design educational experiences that are engaging, inclusive, and aligned with educational standards.</p>	EDU-150
EDU-155	.5	Education Independent Study- Year 1	<p>This independent study course provides students with the opportunity to gain practical experience and deeper insights into the teaching and learning process through structured classroom observations. Students will observe classrooms in various educational settings, logging their hours and documenting key interactions, teaching strategies, and classroom dynamics. Total logged observation hours should be 63 hours.</p>	

EDU-156	1	Education Independent Study- Year 2	This independent study course provides students with the opportunity to gain practical experience and deeper insights into the teaching and learning process through structured classroom observations. Students will observe classrooms in various educational settings, logging their hours and documenting key interactions, teaching strategies, and classroom dynamics. Total logged observation hours should be 126 hours	
EDU-157	1-3 based on student schedules	Education Internship	This course provides students with hands-on experience in an educational setting through a supervised internship. Students will work closely with educators, administrators, or other professionals in schools or educational organizations, applying theoretical knowledge to practical challenges.	12 <sup>th</sup> Grade Year