

# Morrisville High School



## Program of Studies *2018-2019*

Approved: March, 2018

## **EQUAL EDUCATIONAL AND EMPLOYMENT OPPORTUNITY**

The Morrisville School District is an equal opportunity education institution and will not discriminate based on race, color, national origin, sex, or handicap in its activities, programs, or employment practices as required by Title VI, Title IX, and Section 504.

For information regarding civil rights or grievance procedures, contact the Title IX and Section 504 Coordinator at 550 W. Palmer Street, Morrisville, PA 19067, telephone 215-736-5374. For information regarding services, activities, and facilities that are accessible to and usable by handicapped persons, contact the School Psychologist at 215-736-5926.

Morrisville School District offers vocational programs in Business, Family and Consumer Sciences, Industrial Arts and a variety of vocational/technical programs at the Bucks County Technical School.

Morrisville School District will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs.

*El Distrito Escolar de Morrisville es un sistema escolar de igualdad educacional y no discriminara a base de raza, color, origen nacional, sexo, o incapacidad fisica o mental en sus programas educacionales y en sus procedimientos de empleo. (Titulo VI, Titulo IX y la Seccion 504)*

*Para mas informacion sobre sus derechos civiles y los servicios disponibles a las personas con impedimentos fisicos, llame a 215-736-5926.*

*Se ofrecen programas vocacionales relacionados con la familia y el hogar, la oficina y la artesanía en adición a los programas de Bucks County Technical School.*

*El Distrito Escolar de Morrisville no se les niega a sus estudiantes cuyo idioma no sea el inglés acceso a todo programa educacional.*

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### **A FLEXIBLE EDUCATIONAL PROGRAM**

The Morrisville School District believes that the basic requirements established are designed to give all students a sound educational background. Beyond these, students may elect courses that are best suited to their abilities, interests, and future plans. It is suggested, however, that every student elect enough courses in one or two areas to gain a foundation for further study or immediate employment upon graduation. Prospective employers and college admissions people will study the applicant record to see what quality of performance has been achieved throughout the program and in what fields the student has shown continued interest and accomplishment.

\* Courses and electives will be offered only if there is sufficient enrollment.

### **ROLE OF THE COUNSELOR**

Guidance can best be described as the services available to each student to facilitate academic success; to aid in understanding individual strengths and limitations; to identify interests; and to assist in planning for and attaining realistic goals. The emphasis is always upon the individual, even when students meet in groups for guidance purposes.

Counseling, the primary activity of the counselor, provides professional assistance to each student by helping him/her to be more objective and realistic as he/she seeks self-understanding and self-development. Individual counseling helps the student interpret and relate facts about the world and one's self. This knowledge, when applied, aids in solving everyday problems and in making realistic educational and occupational plans.

The individual needs dictate the course of action to be followed. Resource and supportive personnel services are an integral part of the counseling process. One or all of these services may be needed to satisfy the unique needs of any individual in the educational setting.

Students, in planning a high school program, must attempt to match interests, aptitudes, values, and goals with available courses and programs. It is the function of the counselor to assist the student in this process.

### CLASS RANK & GRADE WEIGHT

Each student's rank in class is determined yearly by his/her cumulative Grade Point Average (GPA) for all courses completed. Dual Enrollment, High School Enrichment, Honors, Gifted and AP courses are the only weighted classes.

#### LETTER NUMERIC GPA

A+	97-100	4.00
A	93-96	3.88
A-	90-92	3.67
B+	87-89	3.33
B	83-86	3.00
B-	80-82	2.67
C+	77-79	2.33
C	73-76	2.00
C-	70-72	1.67
D+	67-69	1.33
D	63-66	1.00
D-	60-62	0.67
F	00-59	0.00

One point is added to the value of each weighted course if the grade is B or better. For example: A+ = 5.0; A = 4.88; A- = 4.67; B+ = 4.33; etc. One and a half points is added to the value of each Advanced Placement Course. For example: A+ = 5.5; A = 5.38; A- = 4.17; B+ = 3.83. These numerical equivalents are used in the computation of GPA. Pass/Fail classes are not included in the GPA computation. Class rank is determined by cumulative GPA at the end of the year for freshmen, sophomores, and juniors and at the end of the third quarter for seniors.

### PROMOTION POLICY

All students should move forward in a continuous pattern of achievement and growth that is in harmony with their development. Senior High students are classified as freshman (9th), sophomores (10th), juniors (11th), and seniors (12th).

Class of 2019 and beyond:

To earn a diploma: A student must earn 27 total credits, and students must complete courses in each of the core subjects (at least 4 English, 4 math, 4 social studies, 4 science, 2 wellness credits, 2 arts or humanities, and elective credits).

### SUMMER SCHOOL

Students who fail one or more required courses during the regular school year should attend summer school. Summer School options are available in the guidance office.

## **GRADING**

Teachers must be consistent, fair, honest, and as objective as possible. Above all, teachers should ensure that the student understands why he/she received a certain grade. All test scores should be recorded so those grades can be easily justified, if necessary. The final grade should be based upon class participation, outside assignments, quizzes, tests, and class projects or any other criteria the teacher explains to the students. Midterms and finals are given midway through and at the end of each course respectively.

## **EXAMINATION POLICY**

See student handbook

Morrisville Senior High School (grades 9-12) requires students to take final exams for all courses. Exceptions to this requirement must have prior administrative and teacher approval. An exam schedule will be posted before any final examination. Students failing to take their scheduled exam may fail the course. Students are not allowed to make up an exam unless they have an excused absence or prior administrative and teacher approval.

## **GRADUATION OPTION**

College in Lieu of Senior Year

College in Lieu of Senior Year is designed for students of academic ability who wish to complete their senior year of high school while at the same time begin their studies toward a college degree. The high school diploma will be issued by the Borough of Morrisville School District and freshman college credits will be granted by the cooperating institutions. In cooperation with participating schools, students develop individual schedules designed to meet the graduation requirements of the home school, participating colleges, and the student's individual interests.

To qualify for College in Lieu of Senior Year, a student must first be accepted by a college into its program and then receive a letter of permission from the high school counselor. This letter will outline the courses the student needs to complete in order to fulfill all graduation requirements.

The cost of the program must be assumed by the student and his/her family in accordance with the college requirements. Financial aid may be received from the various state and federal or private programs providing aid for college students. Students interested in this option will work with their counselor in investigating the various programs available to them.

After providing written documentation of his/her satisfactory completion of college work, a student will receive his/her Morrisville diploma at the annual commencement of his/her class in June.

## SCHEDULING PROCEDURES

### Scheduling Procedures of High School (9-12):

The following is an outline of suggested scheduling procedures that will aid the student in selecting the most appropriate course of study. Parents and/or guardians are urged to assist the student in the selection process.

1. Carefully read the descriptions of courses found in the Program of Studies booklet.
2. Review the recommended Sequence of Courses found in the Program of Studies booklet.
3. Review the Graduation Requirements found in the Program of Studies booklet to ensure satisfactory completion of all course requirements.
4. Discuss any concerns you might have about your educational program with your school counselor.
5. Upon receiving a course selection sheet in the spring, carefully review and discuss your selections with your counselor.

Students are requested to be careful and thorough in their selection of courses. All students are expected to continue in and complete, the courses selected. All schedule changes must be made prior to the opening of school in September.

Adequate schedule planning for students, teacher, and classroom space can be completed only when school officials can consider student schedule requests to be final and binding. There are times when a change in this schedule request is desired. When this happens, a conference with the counselor is required. Parents should be involved with this conference in order to assist the student and counselor to arrive at a reasonable decision.

The only course changes that will be considered after the opening of school are those meeting the following requirements:

- a. The request has been reviewed at a conference set up at a mutually convenient time.
- b. The student plans to maintain the same number of credits prior to the request.
- c. The student is better suited to take a more demanding course in a core subject.

The following are not considered valid reasons for course changes:

- a. Teacher preference
- b. Reduction of course loads because of outside employment.
- c. Change of mind as to personal preference or course content.

The Senior High School daily schedule consists of 8 total periods. Students are required to schedule all 7 academic periods and 8th period is a lunch. Many courses offered require specific prerequisites. Students should determine whether they meet the prerequisites of a given course before electing it by referring to the course descriptions. Additionally, students should consult with teachers, counselors, and their parent(s) prior to selecting an appropriate program of studies.

The number of students electing a course and the availability of teachers will determine whether a course will be offered.

### CORE COURSE GRADUATION REQUIREMENTS

A student must successfully complete all ninth through twelfth grade requirements to qualify for a diploma from Morrisville Senior High School. These requirements are based upon state and local requirements.

Subject	Credits	
English	4	Each student must carry and pass a full credit of English each year.
Social Studies	4	Each student must carry and pass a full credit of Social Studies each year.
Mathematics	4	Each student must carry and pass a full credit of Math each year.
Science	4	Each student must carry and pass a full credit of Science each year.
Wellness	2	1 semester per year
Business	.5	Career Prep *
Arts or Humanities	2	Each student must carry and pass 2 full credits of Arts of Humanities by the conclusion of their senior year.
Additional approved courses	Depends on the number needed to graduate. See promotion policy.	Electives are taken each year

*Special Note:*

In addition, students must take the Keystone Exams. If they are not proficient Morrisville will offer remediation either in their current class or with a remediation course.

If a student does not receive a proficient score on each exam, they will be required to re-take the exam and/or complete a project-based assessment.

All questions or concerns regarding the fulfillment of the district graduation requirements should be directed in writing to the high school principal.

\* For students who enroll in their 9<sup>th</sup> or 10 grade year.



### CORE CURRICULUM SUGGESTED SEQUENCE

Below are course sequences that are a guide for students. There are many options for students as they progress through their high school year.

DEPARTMENT	GRADE 9	GRADE 10	GRADE 11	GRADE 12
ENGLISH	English 9	English 10	English 11	English 12
SOCIAL STUDIES	American History I (1865-1920)	Government	American History II (1920-Present)	World Cultures College Course
SCIENCE	Biology Biology A	Chemistry Biology B	Chemistry Physics Environmental Science	Physics Environmental Science College Course
MATH	Algebra IA Algebra IB Algebra II Geometry	Algebra IB Algebra II Geometry	Algebra II Geometry Pre- Calculus Foundations & Applications of Math I	Geometry Algebra II Pre-Calculus Calculus Foundations & Applications of Math II College Course
WELLNESS/HEALTH	Wellness	Wellness	PE 11/12	PE 11/12
BUSINESS	Career Prep	Career Prep		
LANGUAGES	Foreign Language	Foreign Language	Foreign Language	Foreign Language College Course
ADDITIONAL ELECTIVES	Add. Electives	Add. Electives	Add. Electives	Add. Electives

*Honors courses are available in each core subject (Math, English, Science, Social Studies) with prior approval.*

## ENGLISH DEPARTMENT COURSE OFFERINGS

### ENGLISH 9: Grade 9 1 Credit

The ninth grade English course is designed to furnish the student with a well-balanced academic program. It utilizes all aspects of thinking, reading, writing, speaking and listening skills. The process includes an introduction to various genres of literature, using a variety of novels, ranging from the classic to the contemporary literature. Instructional technology will be utilized for literary support and comprehension development. Skill develop will support Keystone Exam performance. This is a yearlong course.

Teacher Recommendation: Honors: In addition to the above objectives, student's language activities will challenge higher-level thinking processes. Writing assignments will be given on various styles of writing. Public Speaking assignments will showcase student research. Time-management is a critical component of advanced level classes. Honors courses will be offered in each of the above classes with prior approval. Courses may run in conjunction with one another if there is insufficient enrollment.

### ENGLISH 10: Grade 10 1 Credit

Reading, writing, speaking, listening and critical thinking assignments will involve students in the literature from the major periods of Western and Eastern Civilizations. Students will have challenging weekly vocabulary and grammar study. Students will benefit from various written assignments and analytical language activities. Instructional technology will be utilized to support literature and comprehension development. Preparation for the Keystone Exam will be given. This is a yearlong course.

Teacher Recommendation: Honors: In addition to the above objectives, students will have intensive vocabulary study in preparation for the Keystone and SAT test, as well as challenging writing assignments on various styles of writing. Public Speaking assignments will showcase student research. Time-management is a critical component of advanced level classes. Honors courses will be offered in each of the above classes with prior approval. Courses may run in conjunction with one another if there is insufficient enrollment.

### ENGLISH 11: Grade 11 1 Credit

Selected literature from the American experience will provide a springboard for reading, writing, speaking, listening, and thinking activities. Readings will be taken from the period of 1945 to the present. The students will benefit from their involvement in increasingly challenging analytical language activities. Students will have intensive weekly vocabulary and grammar study. Students will have intensive vocabulary study in preparation for the Keystone and SAT test, as well as exposure to various writing formats. Instructional technology will be utilized to support literature study and comprehension skills. This is a yearlong course.

Teacher Recommendation: Honors: In addition to the above objectives, students will have intensive vocabulary study in preparation for the Keystone and SAT test, as well as challenging writing assignments on various styles of writing. Public Speaking assignments will showcase student research. Time-management is a critical component of advanced level classes. Honors courses will be offered in each of the above classes with prior approval. Courses may run in conjunction with one another if there is insufficient enrollment.

**ENGLISH 12:**

Grade 12

1 Credit

Students will analyze and evaluate the literary and thematic features of the assigned readings to develop correlations of Social change. These readings which include Inherit the Wind, Hamlet, Brave New World, and A Separate Peace, as well as a satire unit will include works from Edward Albee, Mark Twain, and Jonathan Swift. Instructional technology will support literature study, as well as comprehension skills. This is a yearlong course.

Teacher Recommendation: Honors: In addition to the above objectives, students will have intensive vocabulary study and complete various writing assignments throughout the course to prepare for college studies. Public Speaking assignments will showcase student research projects. Time-management is a critical component of advanced level classes. Honors courses will be offered in each of the above classes with prior approval. Courses may run in conjunction with one another if there is insufficient enrollment.

**KEYSTONE LITERATURE:**

.50 Credit

Prerequisite: Teacher Recommendation

This course is designed to support those students that did not score proficient or advanced on the Literature Keystone Exam. Each student will be given a pre-test that assesses strengths and weaknesses of literary analysis. Student will use Instructional technology, in order to develop comprehension. Individualized instruction will also be available on a daily basis. In addition, practice tests will be given to ensure familiarity with the Keystone Exam. If needed, instruction for the completion of the Project Base Assessment will take place in the yearlong course of study. This is a semester course.

**PUBLIC RELATIONS:**

Grades 9-12

.50 or 1 Credit

This general course introduces the students to the practice of public relations. The field of public relations will be examined with emphasis placed upon the development and production of various workings including newsletters, newspapers, and press releases.

**JOURNALISM**

Grades 9-12

.50 Credit

This course is designed to expose students to various styles of writing: Persuasive, Informative, and Entertaining. Students will review grammar usage, and analyze varied writing styles, as well as develop essential communication skills needed to produce effective Journalism for various target audiences. Students selecting this class will utilize the writing process: brainstorming, draft, review, revise, and edit.

**SHORT STORIES**

Grades 9-12

.50 Credit

Students selecting this elective course will read and will analyze selected short stories, as well as write short stories. Reading, writing, listening, and speaking are core components of this course. Students will share creative ideas with their peers. Presentations will be done to showcase student's culminating activities. Grammar and writing skills will be strengthened in this short story course.

**FOUNDATIONS OF WRITING**

Grades 9-12

.50 Credit

This course will review the foundations of writing. Students will strengthen grammar skills, as well as learn to write more in depth on various topics. Students will brainstorm, draft, and edit all papers, and will develop skills to stay on topic. This course will strengthen students' skills needed on the SAT and Keystone Exams.

**POETRY**

Grades 9-12

.50 Credit

During this course students will read classic and modern poetry by famous poets, as well as write creative poetry of their own. Students will analyze the meaning of poems and apply their knowledge to interpret current trends in society. Grammar and usage will be discussed in their course, as well as literary elements of poetry: tone, mood, etc.

**COLLEGE READING READINESS**

Grades 9-12

1 Credit

This course is an intensive reading intervention for students who are college and career bound, and are in need of significant improvements in reading and writing. This course is designed as a blended model where students will receive direct instruction from their teacher and complete independent assignments online. A rigorous review process by a multidisciplinary team is required for prospective students to be considered for eligibility. This includes a review of evaluations, report cards, teacher input, and observation. Participation in this class will prepare students for post-secondary opportunities such as technical schools or college.

## MATHEMATICS DEPARTMENT COURSE OFFERINGS

ALGEBRA IA: Grades 9 1 Credit

This course is the first half of Algebra I. The students will develop fundamental algebraic skills and concepts based on the structure of the system of real numbers. Topics covered will include operations with real numbers and expressions, solving linear equations, using proportions, percent, probability and statistics, and an in-depth study of linear functions. This is a yearlong course.

ALGEBRA IB: Grades 9-10 1 Credit

Prerequisite: Algebra IA and/or Teacher Recommendation

This course is the second half of Algebra I. Topics covered will include solving inequalities and absolute value sentences, solving systems of equations and inequalities, laws of exponents and exponential functions, operations with polynomials, factoring polynomials, and simplifying radicals. The students will take the Keystone Algebra I Exam near the end of this course. This is a yearlong course.

ALGEBRA I: Grades 9-10 1 Credit

Prerequisite: Pre-Algebra

The student will develop fundamental algebraic skills and concepts based on the structure of the system of real numbers. Topics covered will include operations with real numbers and expressions, solving linear equations, using proportions, percentages, probability and statistics, an in depth study of linear functions, solving inequalities and absolute value sentences, solving systems of equations and inequalities, law of exponents and exponential functions, operations with polynomials and factoring polynomials. This is a yearlong course.

GEOMETRY: Grades 9-12 1 Credit

Prerequisite: Algebra I

This course will cover the basic concepts of geometry including topics of basic terms, angle measurement, introduction to proof and logic, postulates and theorems, polygons, quadrilaterals, triangle congruence, perimeter, area, surface area, volume, similarity, circles involving chords, arcs, tangents, inscribed angles and angles formed by secants and tangents. This is a yearlong course.

ALGEBRA II: Grades 9-12 1 Credit

Prerequisite: Algebra I

This course is a second year of algebra that focuses on solving linear equations and inequalities, the study of relations and functions, linear systems in linear equations and inequalities, matrices, quadratic functions, and polynomial and rational functions. This is a yearlong course.

PRECALCULUS: Grades 11-12 1 Credit

Prerequisite: Algebra II or Honors Algebra II and Geometry or Honors Geometry

This course will include the study of exponential and logarithmic functions, analytic geometry, matrices and determinants, statistics and probability. This is a yearlong course.

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CALCULUS: Grades 11-12 1 Credit

Prerequisite: Pre-Calculus

This course will include the basic concepts of calculus including topics of limits, differentiation, and applications of differentiation, integration, and applications of integration, logarithmic function, and exponential functions. This is a yearlong course, which is weighted.

FOUNDATIONS AND APPLICATIONS OF MATHEMATICS I AND II: Grades 11-12 1 Credit

Prerequisite: Teacher Recommendation (Foundations and Applications of Mathematics I is NOT a prerequisite for Foundations and Applications of Mathematics II).

This supplemental math program emphasizes the use of essential elements of mathematics while utilizing and reinforcing basic math skills. Each student's plan of study is developed to meet his or her math abilities and needs. This course will include, but not be limited to such topics as: mental math computation/estimation, fractions/percentages/decimals, rates/ratios, algebra, geometry, and consumer math. \*Placement in Foundations and Applications of Mathematics I does not guarantee placements in Foundation and Applications of Mathematics II for the following year.

MATH FOR COLLEGE READINESS: Grade 12 1 Credit

Prerequisite: Teacher Recommendation

This course provides a fourth-year math curriculum focused on developing the mastery of skills identified as critical to postsecondary readiness in math. This full year course topics include solving equations with addition, subtraction, multiplication and division; fractions and decimals; inequalities; functions and sequences; system of equations; rational expressions; and data analysis. This is a yearlong course.

KEYSTONE ALGEBRA: .50 Credit

Prerequisite: Teacher Recommendation

This challenging course is designed to provide remediation for the student who did not score proficient or advanced on the Algebra I Keystone Exam. Each student will be given a pre-test and then work on all the standards on which he/she needs additional support. Instructional technology will be used, in addition to individualized and small group instruction. Keystone Exam practice tests will also be utilized in this remedial course. This is a semester course.

## SCIENCE DEPARTMENT COURSE OFFERINGS

PHYSICAL SCIENCE:

Grade 9

1 Credit

This academic lab course will cover the structure of matter, as well as the nature of forces, motion, and energy. The focus of the course will be the mathematic relationships of the natural world as well as the nature of scientific inquiry. This course is designed to give students a strong foundation for the studying of chemistry and physics. This is a yearlong course.

BIOLOGY I:

Grade 9-10

1 Credit

This course is designed for college bound students. It begins with the study of living things at the molecular and cellular levels and continues with the study of genetics and biotechnology during the first semester. The second semester will involve the study of ecology, plants, invertebrates, and vertebrates. This is a yearlong course. The Biology Keystone will be taken during the spring of this course.

BIOLOGY A:

Grade 9-10

1 Credit

This course begins with an in-depth study of both living things at the molecular and cellular levels and continues with the studies of genetics and biotechnology. This is a yearlong course.

BIOLOGY B:

### Grades 10-11

1 Credit

This course will be an in-depth exploration of ecology, plants, invertebrates, and vertebrates. This is a yearlong course. The Biology Keystone will be taken during the spring of this course

KEYSTONE BIOLOGY

Grades 11

**.50 Credit**

This course is designed to support those students that did not score proficient or advanced on the Biology Keystone Exam. Each student will be given a pre-test that assesses strengths and weaknesses. Students will use instructional technology, in addition to individualized and small group instruction. Individualized instruction will also be available on a daily basis. In addition, practice tests will be given to ensure familiarity with the Keystone Exam. If needed, instruction for the completion of the Project Base Assessment will take place in the yearlong course of study. This is a yearlong course.

CHEMISTRY:

### Grades 11-12

1 Credit

Prerequisite: Passing grade in Biology

Chemistry introduces a logical, sequential development of major chemical principles. The course begins with the basic mechanics of chemistry, the structure of matter and the mole concept. The course then deals with the behavior of acidity, gas laws, and solutions. The laboratory provides the student with a variety of experiences designed to introduce or reinforce the discovery of chemical principles. Quantitative aspects of laboratory procedures are emphasized. The course is intended for college bound students. This is a yearlong course.

**PHYSICS:**

Grade 12

1 Credit

Prerequisite: Algebra II, Geometry

This class is intended for college bound students. Physics is the basic science underlying the investigation of all physical phenomena. The basic concepts of motion, force, energy, and electricity are investigated from both the theoretical and laboratory levels. Concepts are stressed over mathematical computation. Intelligent living in the modern world requires some acquaintance with the principles of physics, which continue to shape our world and our future. This is a yearlong course.

Science Teacher Recommendation: Honors courses will be offered in each of the above classes with prior approval. Courses may run in conjunction with one another if there is insufficient enrollment.

**ENVIRONMENTAL SCIENCE:**

Grades 11-12

1 Credit

This course is designed to provide a study of selected topics in our environment. Students relate the concepts of chemistry to a variety of environmental problems such as acid rain, toxic waste, and endangered species, etc. Laboratory and field studies are included in this course. This is a yearlong course.



## SOCIAL STUDIES DEPARTMENT COURSE OFFERINGS

### AMERICAN HISTORY I: Grade 9 1 Credit

This course will introduce students to the cultural, political, economic, and social development of the American people. Topics will range from the post-Civil War period up to 1920. In this course, students should develop and maintain skills involving reading, outlining, verbal expression of ideas, research, critical examination of historical figures and citizenship. This is a yearlong course.

### GOVERNMENT: Grade 10 1 Credit

This course is a study of our political system and how it identifies, defines, and resolves problems. It is a study of our republic, our Constitution, and the exercise of government at the local, state, and federal levels. Students will also be introduced to alternative forms of government as found in other countries. Students will then contrast these alternative forms with our own democratic republican system. This is a yearlong course.

### AMERICAN HISTORY II: Grade 11 1 Credit

This course will introduce students to the cultural, political, economic, and social development of the American people. Topics will range from the 1920 period up to the present day. In this course, students should develop and maintain skills involving reading, outlining, verbal expression of ideas, research, critical examination of historical figures and citizenship. This is a yearlong course.

### WORLD CULTURES: Grade 12 1 Credit

This course addresses major periods in world history, with special emphasis on the events and people, which shaped and enriched both Western and Eastern Civilization from 1500 to the present. Economic, social, and political topics will afford students the challenge to become knowledgeable learners. Writing, speaking, and listening experiences will aid students in the classroom setting. This is a yearlong course.

Social Studies Teacher Recommendation: Honors courses will be offered in each of the above classes with prior approval. Courses may run in conjunction with one another if there is insufficient enrollment.

### ECONOMICS Grades 9-12 .50 Credit

This course aims to provide the student with a knowledge and understanding of contemporary economics and related conflicts between unlimited wants and limited resources. The evolution of economics is reviewed and the student studies the concepts of the factors of production, the circular flow of income, money, and credit. This is a semester course.

### HUMANITIES I: Grades 10-12 .50 Credit

This course offers the humanistic approach to the study of history, which enables students to grow personally on different levels. It will also introduce students to great figures and works in literature, music, philosophy, painting, sculpture, and architecture. Each topic is discussed in terms of its historical significance and perspective. The course focuses on Mesopotamian, Egyptian, Greco-Roman, Judeo-Christian, Byzantine, Medieval, and African influences on Western culture. Excerpts from great epics such as The Odyssey and The Aeneid are included in the required reading. Students will be expected to critically and aesthetically respond to the material presented. The course will focus on instruction and assessment on the educational theories of project-based learning and multiple intelligences. An end of the course project, which reflects the curriculum, is a requirement. This is a semester course.

**HUMANITIES II:** Grades 10-12 .50 Credit

**Prerequisite:** Successful completion of Humanities I and/or Teacher Recommendation

Students study the great movements and accompanying ideologies that contributed to the Modern Era. Included in the curriculum is study of the Renaissance, The Reformation and Romanticism. It will highlight some of the outstanding contributions made in the areas of music, literature, art and architecture. Students will have the opportunity to critically examine and aesthetically respond to the works of Machiavelli, Moliere, Handel, The Romantics and Frank Lloyd Wright to name a few. An end of course project, which reflects the curriculum, is a requirement. This is a semester course.

**PSYCHOLOGY:** Grades 10-12 .50 Credit

This course is designed to familiarize students with the basic methods of behavioral science research. This introductory course examines the fundamental principles and findings in the areas of human development, learning, perception, personality and mental illness, and how psychologists work toward solving psychological problems in our modern society. The content offers a wealth of information, which is useful to both college-bound and the non-college bound. This is a semester course.

**MODERN MILITARY HISTORY:** Grades 9-12 .50 Credit

This course will examine modern history primarily from a military perspective. The course will analyze major military topics throughout American history with an emphasis on the 20th and 21st century conflicts that have shaped the modern world. Furthermore, the course will look at the leaders, strategists, and soldiers who waged these wars. The course will also examine the evolution of technology and its impact on warfare. This is a semester course.

**SOCIOLOGY** Grades 9-12 .50 Credit

In this course, students will learn about connections between individuals and society, culture and individual personality, and personal choice and mass social change. All of the information students learn will relate to one big idea: understanding the social world around them. The following three themes will be discussed:

Sociology is imaginative: Sociology offers a way of seeing the world that helps one understand their connection to society. It also helps one see how personal choices have a social context.

Sociology is a science: Social scientists use scientific processes to test and examine ideas and concepts in sociology.

Sociology has multiple perspectives: Individuals view the world in different ways. Sociology resembles a conversation between people with varying points of view.

This is a semester course.

**CRIMINOLOGY I:** Grades 10-12 .50 Credit

This course introduces students to the common theories and practices involved with the study of crimes, criminal behavior and law enforcement. Topics covered will include (but are not limited to) a history of the study, Criminal law and justice, as well as violent crime. There will be several opportunities for the students to present projects during the course. Students should be aware that delivering presentations will be one of the required components of this class. This is a semester course.

**CRIMINOLOGY II:** Grades 10-12 .50 Credit

**Prerequisite:** Criminology I

This course affords students the opportunity to explore the nature and the extent of crime in greater depth. Topics covered will include (but not limited to) Political Crimes and Organized Crime, Terrorism, Economic Crimes, Public Order Crimes, Cyber Crimes and Organized Crime. There will be several opportunities for students to present projects during this course. Students should be aware that delivering presentations will be one of the required components of this class. This is a semester course.

## FOREIGN LANGUAGE DEPARTMENT COURSE OFFERINGS

**SPANISH I:** Grades 9-11 1 Credit

Students will develop the four language skills of listening-comprehension, speaking, reading, and writing. The primary focus is on oral communication. Students will be introduced to Hispanic culture through short readings and related class activities. This is a yearlong course.

**SPANISH II:** Grades 9-12 1 Credit

**Prerequisite:** Must have successfully completed Spanish I

Emphasis is placed on increasing the student's ability to communicate in oral and written form. Realistic goals are established for students as they perfect their vocabulary and expand their knowledge of grammatical structure and appreciation of cultural differences. This is a yearlong course.

**SPANISH III:** Grades 10-12 1 Credit

**Prerequisite:** Must have successfully completed Spanish II

Students continue to develop their skills in listening comprehension, speaking, reading, and writing. More complex grammatical concepts are introduced and students are encouraged to apply these through written and oral projects. Literary selections are presented during the second semester. This is a yearlong course.

**SPANISH IV:** Grades 11-12 1 Credit

**Prerequisite:** Must have successfully completed Spanish III

Students utilize acquired skills to express themselves in oral and written form in Spanish. Grammatical topics are reviewed when necessary. Emphasis is placed on application of language skills through project-centered learning. Students in this program may be integrated with Spanish V students due to scheduling demands. Grade Weighted Course. This is a yearlong course.

**SPANISH V:** Grade 12 1 Credit

**Prerequisite:** Must have successfully completed Spanish IV

Students refine their language skills with particular emphasis on speaking and writing. Class discussions and related assignments will focus on literature from Spain and Latin America and contemporary articles from newspapers and magazines. Students in this program may be integrated with Spanish IV students due to scheduling demands. Grade Weighted Course. This is a yearlong course.

**FRENCH I:** Grades 9-12 1 Credit

Students will develop the four language skills of listening-comprehension, speaking, reading, and writing. The primary focus is on oral communication. Students are introduced to the culture of France through readings and related activities. This is a yearlong course.

**FRENCH II:** Grades 9-12 1 Credit

**Prerequisite:** Must have successfully completed French I

Students will continue to develop and reinforce their skills of oral communication, build a strong grammar base, learn and practice new vocabulary in daily life situations and practice their written skills. The use of videos and films for special projects will be introduced to enhance the students' cultural awareness. This is a yearlong course.

**FRENCH III:** Grades 10-12 1 Credit

**Prerequisite:** Must have successfully completed French II

Students continue to develop their skills in listening comprehension, speaking, reading, and writing. Students will become more active learners by applying their knowledge of complex grammatical concepts and idiomatic phrases to their oral and written work. An introduction to French poetry and literature will emphasize critical analysis. A survey of French life and politics will be introduced through individual and group projects. This is a yearlong course.

**FRENCH IV:** Grades 11-12 1 Credit

**Prerequisite:** Must have successfully completed French III

Students will use their acquired skills to express themselves in written and oral form. Emphasis is placed on French short stories and literary selections by author® representative of their period. French history will be covered through group projects. Students in this program may be integrated with French V students due to scheduling demands. Grade weighted course. This is a yearlong course.

**FRENCH V:** Grade 12 1 Credit

**Prerequisite:** Must have successfully completed French IV

This course is an extension of French IV. Students will refine their expressive use of the French language through spoken and written exercises, study of French literature, and immersion in French culture. Group projects will focus on history, newspapers, and multimedia activities. Students in this program may be integrated with French IV students due to scheduling demands. Grade weighted course. This is a yearlong course.

## ART DEPARTMENT COURSE OFFERINGS

**BASIC STUDIO ART:** Grades 9-12 .50 Credit

This course is designed for the student with an interest in an exploration of the basics of art. This course will prepare the beginning student for more advanced study. The fundamentals of drawing, painting, lettering and various three dimensional arts will be introduced.

**ADVANCED STUDIO ART:** Grades 10-12 .50 Credit

**Prerequisite:** Basic Art and/or Art Teacher Recommendation

This course is a continuation and expansion of Basic Studio Art. Greater emphasis will be placed on creativity and imagination. Students will develop and begin to express an individual style and approach to problems in the field.

**PORTFOLIO PREPARATION:** Grades 11-12 1 Credit

**Prerequisite:** Basic and Advanced Art and/or Teacher Recommendation

This course is intended for college bound art students only. Concentrated work will be done to meet portfolio requirements for college entrance.

**INTRODUCTION TO SCULPTURE  
AND CERAMICS:** Grades 9-12 .50 Credit

**Prerequisite:** Basic Studio Art

Students will carve, assemble, and model both relief and freestanding sculptures. Ceramics students will be throwing on the potter® wheel and using various hand built methods. Beginning basics will be included. No prerequisite required.

**ART INDEPENDENT STUDY:** Grades 10-12 .50 Credit

**Prerequisite:** Basic Studio Art, Advanced Art, and/or Art Teacher Recommendation

This course is designed for those students wishing to further their interests in crafts, printmaking, ceramics, or other fields of art. Students will be expected to develop and complete advanced and well-crafted projects.

**ART HISTORY:** Grades 10-12 .50 Credit

This course is designed to enrich the students understanding and love of history as well as visual arts. Students will look at connections among various types of artwork that have been created over time. They will be introduced to the discipline of art history and gain an understanding of the Artists attempt to create. The students will create and explore variety of mediums in creating works that reflect certain time periods.

ADVANCED SCULPTURE AND CERAMICS:      Grades 9-12      .50 Credit

Prerequisite: Basic Sculpture or Teacher Recommendation

This course is an expansion of Basic Sculpture and Ceramics. There is a greater emphasis on the techniques in creating structures and throwing on the potter's wheel. Students will express their individual style and approach to these techniques through their work.

CARIBBEAN ISLAND ART:      Grades 9-12      .50 Credit

This class is both Art History and Island art. It explores the Caribbean with its mixture of different origins that make up art in the Caribbean. The student will learn to demonstrate artistic and cultural influences from these areas and use it to create their own works of art. Students will develop a sense of the colors and techniques that they will apply to their work.

SCHOOL SPIRIT ART A and B      Grades 9-12      .50 Credit

This course focuses on the historical and contemporary exploration of murals. Creation of Murals and motivational art work in the school. It also involves gym night activities, and selective school related activities. This course helps to promote school spirit through the artistic style of the students.

PAINTING STUDIO      Grades 9-12      .50 Credit

This course focuses on the fundamentals of painting. Emphasis will be put on the techniques, color theory, and mixed mediums. This course will consist of still life, portraits and landscapes, etc.

## BUSINESS DEPARTMENT COURSE OFFERINGS

CAREER PREP: Grade 9 .50 Credit

This course is designed to address the PA State requirements for College and Career Standards. The first of these is College and Career Preparation Skills. Students will learn how to research various career opportunities, fill out job applications and the proper way to conduct themselves during interviews. The second area deals with communication skills where students will begin to develop a professional portfolio. Finally, this course will cover topics relate to Personal Finance. Required.

ACCOUNTING I: Grades 10-12 .50 Credit

This course is an introduction to the basic principles, concepts, and procedures of accounting designed to provide students with knowledge of the accounting cycle and an understanding of basic business/personal accounting procedures using manual and computerized techniques.

ACCOUNTING II: Grades 11-12 .50 Credit

Prerequisite: Must have successfully completed Accounting I

This course is designed to reinforce the accounting skills acquired in Accounting I and to develop the principles needed to interpret accounting information. Emphasis will be placed on the use of computers to enter and interpret accounting data using software applications.

PERSONAL FINANCE: Grades 9-12 .50 Credit

This course is designed to help students understand basic concepts related to managing money and household expenses. Students will learn the impact of individual choices on personal, occupational, and future goals. Students will learn how to plan their future earnings potential. Real world topics covered will include income, money management, spending, saving, credit, and investing. Students will design household budgets, simulate the use of checking accounts, and simulate preparing individual income tax forms. Students will demonstrate knowledge of the stock market and risk management. Students will learn about the use of credit. Other topics will include auto, life, and home/rent insurance. This course will provide a foundational understanding for making informed personal financial decisions.

COLLEGE & BUSINESS SOFTWARE APPLICATIONS: Grades 10-12 .50 Credit

This course is designed to involve students in a variety of computer applications including: Word Processing, Excel Spreadsheets, and Power Point. The goal of this course is to give students an advanced understanding of these computer applications for use in both a college and work environment. College and businesses today need students that can create graphs, charts, diagrams, and other presentation documents. This course will prepare students with the skills and knowledge essential for creating effective multimedia presentations for high school, college, and business tasks. Students will also develop improved and effective search skills using the internet more efficiently and verify sources in preparing assignments for high school and college.

RETAIL SELLING: Grades 10-12 .50 Credit

Students who may become a business owner or manager will benefit from taking this course. Major emphasis is on Advertising, Marketing Strategies, and Product Distribution. Simulated and practical job related activities would be utilized discussing topics such as business selection, location, personnel, buying, pricing, promotion, and related retailing strategies.

**INTERNATIONAL BUSINESS:** Grades 9-12 .50 Credit

The world of business has gone global. Gone are the days when businesses were limited to geographical locations. Small businesses located in one area of the globe can now sell their goods and service to customers all over the world. The internet has allowed local businesses to become international businesses. New challenges come with the changing global business markets comes for these expanding companies. This course is designed to give students some insight into the challenges related to the growing international world of business.

**SPORTS/ ENTERTAINMENT  
MANAGEMENT:** Grades 9-12 .50 Credit

The sport, arts, and entertainment industries in the United States account for over 250 billion dollars per year in consumer spending. It is a substantial part of today's American and international economy. Many careers in the businesses of sports, arts, and entertainment are challenging, fast-paced and exciting. If students are interested in a career in business, sales, promotion, or management in this dynamic field, they should take this course. Learn about the facts and myths that surround one of the most interesting business fields.

**WEB PAGE DESIGN:** Grades 9-12 .50 Credit

Students will learn how to design exciting and effective web pages for both personal and business use. Guidelines, tips, and examples of effective and ineffective web sites will be discussed and viewed. Using Microsoft FrontPage, students will be able to learn to use tables, forms, graphics, icons, thumbnails, and other advanced features to create sophisticated webpages.

**BUSINESS LAW:** Grades 10-12 .50 Credit

Students will become aware of their rights and responsibilities as citizens and consumers by studying the basic facts concerning the manner in which our laws are enacted and enforced. This course will cover the roles of the three branches of government as they relate to Crimes & Torts, Rights & Freedoms, and Laws on Family Life and Everyday Problems.

**DESKTOP PUBLISHING:** Grades 9-12 .50 Credit

Desktop Publishing is a course designed to teach students how to design and print a wide variety of documents. Using simulated activities, students will create flyers, cards, calendars, simple resumes, business forms, business cards, and general newsletters. Students will also learn how to design creative buttons, t-shirts, and logos. This course will provide students skills that they can apply to personal and business applications.

**COLLEGE AND CAREER READINESS** Grades 9-12 .50 Credit

This course will prepare students to enter college and/or careers of their choice. Topics to be covered include: exploration of colleges and programs of study (using the Naviance program), career paths, post-secondary admission processes, SAT testing, scholarships, resumes, presentation skills, job searches, workplace skills, current events, technology, and study skills.



## TECHNOLOGY EDUCATION DEPARTMENT COURSES

### TECHNOLOGY SYSTEMS: Grades 9-12 .50 Credit

This course will examine technological systems that impact our lives. The students will explore the areas of biotechnology, construction, simple machines, & design. Students will gain knowledge and experiences in problem solving, working with materials, applying tools, machines and processes, using computers and learning about the technological nature of our rapidly changing society. Student activities and projects may include (but are not limited to) the following: designing and building model of a controlled environment for plants, model bridge to be weight tested, K(Nex machines, R/C robots and more. Emphasis will be placed on integrating science, technology, engineering math (STEM) into the activities.

### ENERGY, POWER, AND TRANSPORTATION: Grades 9-12 .50 Credit

This course will examine technological systems power and move our lives. The students will explore the areas of electrical power generation, storage, and transmission, transportation systems and how an internal combustion engine (like the one in your car) works. Students will gain knowledge and experiences in problem solving, working with materials, applying tools, machines and processes, using computers and learning about the technological nature of our rapidly changing society. Student activities and projects may include (but are not limited to) the following: designing and building parallel and series circuits, model race cars (CO2 Dragsters) cardboard glider, paper rockets and more. Emphasis will be placed on integrating science, technology, engineering, and math (STEM) into the activities.

### BASIC WOODWORKING: Grades 9-12 .50 Credit

An introduction class to machine woodworking. Students will learn about wood structure and species, measurement, joinery, gluing procedures, finishing techniques and proper use of machinery. Students will complete numerous student-designed projects that demonstrate proficiency in all areas taught. Safety will be stressed at all times. This course is a problem-solving course that requires students to design, build, and evaluate their projects.

### WOODWORKING/ ADVANCED & INDEPENDENT: Grades 10-12 .50 Credit

Prerequisite: Must have successfully completed Basic Woodworking

Woodworking Advanced and Independent courses are offered together. Students will continue to apply the Technological Design Loop as they design, build, and evaluate their projects. More advanced instruction will be given on joinery and other woodworking topics. Students are encouraged to pursue improved skills in areas of basic woodworking they enjoyed. Safety will be stressed at all times.

### DIGITAL PHOTOGRAPHY: Grades 9-12 .50 Credit

This course will focus on the proper use of digital cameras and camcorders. Students will learn to capture and manipulate digital images for use in various multimedia applications. Students will learn photography basics such as composition, shutter speed, and aperture. Other topics to be covered include business practices as a free-lance photographer and consumer tips on buying digital imaging equipment. Projects may include creating a printed ad, producing a short video, developing a power point presentation that incorporates digital images & video and examples of specific styles of photography (Action, Portrait, and Selective Focus).

ADVANCED DIGITAL IMAGING: Grades 9-12 .50 Credit

Prerequisite: Must have successfully completed Digital Photography

This course is designed to enhance a student's knowledge of Adobe Photoshop. Students will be able to apply their basic understanding of Photoshop to a variety of image projects. Students will be exposed to advanced applications of these basic tools. Students will also learn new Photoshop Tools that they will be able to apply to these projects.

MOVIE MAGIC- Grades 9-12 .50 Credit  
BEHIND THE SCENES:

In this course, students will learn about cinema history, influence, and techniques. This course will focus on the various communication technologies used to create movies. We will be viewing and discussing a selection of AFI 100 Greatest Films to compare and contrast the people, practices, and effects that have had a lasting impact on the film industry. We will focus on some of the groundbreaking technology used to make the movies of yesterday and today. Some of the technologies include matte painting, animation, animatronics, pyrotechnics, sets, models, and motion capture CGI.

## MUSIC DEPARTMENT COURSE OFFERINGS

### THEATRE ARTS: Grades 9-12 .50 Credit

This class offers students a chance to learn what acting is all about. In Theatre Arts students will learn to develop characters, write original monologues and scenes and gain experience by performing in front of a live audience. Theatre Arts is a course of study that allows students to discover much of what is involved in putting on a live stage production. In addition to creative writing and performance, students will also have a chance to learn about set design, lighting, direction, and production. All students who enroll in Theatre Arts will have a chance to perform in character and learn to work behind the scenes as well. Lights, Camera, Action! Class only offered 2<sup>nd</sup> Semester.

### BEGINNING KEYBOARD: Grades 9-12 .50 Credit

This course is for students who do not already know how to play the keyboard. Students will review the notes for the treble and bass clefs. They will learn the keys letter names on the keyboard. Students will learn the basic position for playing the keyboard. Students will learn basic songs on the keyboard. Students will be tested and graded on treble and bass clefs notes, the name of the keys on a keyboard, the different hand positions on the keyboard and on songs assigned in class. This is a semester course.

### INTERMEDIATE KEYBOARD: Grades 9-12 .50 Credit

This course is for students who have a little knowledge of playing the keyboard. Students will review the notes for the treble and bass clefs. They will review the names of the notes on the keyboard and the basic position for playing the keyboard. Students will be given basic songs on the keyboard. Students will be tested and graded on treble and bass clef notes, the name of the keys on a keyboard, the different hand position on the keyboard and on songs assigned in class. This is a semester course.

### ADVANCED KEYBOARD: Grades 9-12 .50 Credit

This is for students who do know how to play the keyboard. Students will review the notes for the treble and bass clefs. They will review the names of the notes on the keyboard and the basic position for playing the keyboard. Students will be given basic songs on the keyboard. Students will be tested and graded on treble and bass clef notes, the name of the keys on a keyboard, the different hand positions on the keyboard and on songs assigned in class. This is a semester course.

### MODERN MUSIC HISTORY Grades 9-12 .50 Credit

This is a semester course for students interested in exploring modern western music through an immersive listening experience throughout the decades. Students will discover the origins of jazz, rock and roll, folk, rap, and pop music in addition to the influences these genres drew from historical events of the time period. The course will focus on the overlapping of these genres and their development to hone a greater cultural understanding of our history.

### WORLD MUSIC STUDIES Grades 9-12 .50 Credit

This is a semester course for students interested in discovering music from all over the world. Students will embark on a journey through South America, Africa, Europe, Asia, and Australia. The course focuses specifically on local folk music and traditions to these areas and a variety of different instruments native to these countries.

### MUSICALS: Grades 9-12 .50 Credit

This course introduces students to the dynamic world of musical theatre through a variety of experiences including but not limited to viewing, writing, and performance. Students will have the opportunity to immerse themselves in popular musicals both past and present, discussing the production, music, and societal impact while developing an appreciation for the Arts.

## PHYSICAL EDUCATION DEPARTMENT COURSE OFFERINGS

WELLNESS: Grades 9 – 10 .50 Credit

This course focuses on a broad range of topics covering the Wellness Education Standards set forth by the state of Pennsylvania. This Wellness course is a combination of Health and Physical Education relating health and wellness issues to physical education and fitness activities. Throughout the marking period, time will be spent in both the classroom and gymnasium. The following principles are the main focus: Physical, Mental, and Social areas of health, Risk Behaviors, Benefits of an active lifestyle, Exercise specificity, Aerobic and Anaerobic fitness, Nutrition and its role as part of a healthy lifestyle, The Importance of Goal Setting, Personal Safety, and more. This is a semester course.

PHYSICAL EDUCATION 11/12: Grades 11-12 .50 Credit

A senior high based course that utilizes a combination of team sports, small group activities and individualized activities with a common goal of improving each student's level of physical fitness. Fitness tests are done on a pre and post-test basis to gauge improvement. Classes are structured so that each individual can succeed at his/her current ability level through the use of drills, lead-up games and other suitable modifications. This is a semester course.

ADAPTIVE PHYSICAL EDUCATION: Grades 6-12 .50 Credit

Adaptive Physical Education is available for students who are unable to participate in the regular physical education program because of a physical limitation. Strength, agility, and coordination are developed through a variety of specialized activities. This is a semester course.

## SPECIAL EDUCATION DEPARTMENT COURSE OFFERINGS

### LEARNING SUPPORT:

Grades 4-12

Any student who is determined eligible to be classified as having a disability and requires specially designed instruction must be offered special education services. The student IEP Team is responsible for determining the student individualized educational program as well as the least restrictive environment in which the program can be delivered. Keeping in mind that special education is a service and not a location, service delivery options are deemed flexible based on the current needs of the student.

### STUDY/ORGANIZATIONAL SKILLS:

Grades 9-10

1 or .50 Credit

This recommended course is offered to assist students in developing study skills that can be integrated and utilized through the curriculum. Topics addressed are organization, time management, goal setting, good study habits, test taking strategies, and Keystone preparation. In addition, students continue to develop their reading, writing, and mathematical skills through individualized assessments and curriculum based assignments.

### COOPERATIVE WORK EXPERIENCE:

Grades 11-12

1-2 Credits

This program combines in-school instruction and on-the-site job training to provide students with basic entry-level skills to help establish a smooth transition from high school to employment. After completing daily graduation requirements, students will be released from school early to be trained on the job. Employment is part time and may extend beyond the regular school day. Compensation will be at minimum wage or better. Every effort will be made to insure that the students will gain employment in situations related to his/her vocational interests. Students will be supervised by a job coach. Students who elect this program may not be able to participate in certain after school extra-curricular activities. Students in grades 11 and 12 who meet the following eligibility requirements may apply:

- Students must be at least 16 years of age and have working papers.
- Students who have demonstrated poor attendance and/or tardiness will not be eligible to participate.
- Students must sign the Work Study Program Contract and comply with the agreement in order to remain in the program and receive credit.

### ADVANCED MANUFACTURING AND WORKFORCE TRAINING:

Grades 12

1-2 Credits

Bucks County Community College Youth Workforce Program 12<sup>th</sup> grade students taking this course will receive valuable workforce development training consistent with the PA Department of Education Career Education and Work Standards: Career Awareness, Career Acquisition, Career Retention and Advancement and Entrepreneurship. Lessons include project based occupational skills training, career and college readiness, and college industry speakers and tours. Students receive Occupational; Safety and Health Administration (OSHA) 10 hour training. One college credit for "College Success Seminar" (required course for BCC Freshmen can be earned for successful completion of the program, if the student enrolls in a degree or certificate program at Bucks County Community College upon high school graduation."

### ENGLISH AS A SECOND LANGUAGE

Grades 9-12

1 Credit

Prerequisite: Teacher Recommendation

Placement in this course will be based on the Home Language Survey and results on an individual language assessment. Students are grouped according to English abilities, and instruction is based on both English Language Proficiency Standards and content area standards. This course provides an opportunity for English language learners to develop reading, writing, listening, and speaking skills in English and receive help in other content areas.

## OTHER ELECTIVE COURSE OFFERINGS

INDEPENDENT STUDY OPTIONS: Grades 10-12 1 or .5 Credit

Independent study options are based on individual needs and teacher/counselor recommendations. These options may include, but are not limited to mentoring, work release, independent courses in a specific discipline, community service, distance learning, advanced placement, and internship programs. Students receive a grade based on a pre-arranged agreement with the instructor, guidance, and/or institution.

THE WORLD OF GOOGLE AND KNOWLEDGE: Grades 9-12 .50 Credit

Google has been the most recognizable Internet platform since its debut in 1998. Every year there are 1.2 trillion searches on Google, about 40,000 per second. Even the word Googling has become a vocabulary word for online searching. This course will examine the phenomenon of Google, the founders Sergey Brin and Larry Page, and how Google is not just a search engine. Through Google Apps, learning and sharing information has expanded what we can do to create new information along with the ability to share that knowledge with others. Some of the features this course will be investigating are: Google Docs, Sheets, Slides, Maps, Earth, News, and Scholar. Students are expected to participate in individual and group projects, and assist in discussion periods throughout.

INFORMATION TECHNOLOGY PRINCIPLES OF DIGITAL LEARNING: Grades 9-12 .50 Credit

This course will provide a platform to create original content via digital technology. The length of the course will be broken into two parts. #1 An overview of information in the 21st century that covers topics such as: The impact of social media, digital responsibility, intellectual freedom (1st Amendment). #2 the role of the student from absorber of information to creator of new content. Students will create projects using online resources. Students will be responsible for succeeding in three objective areas. 1) Students will be able to design a WordPress blog site, which will serve as the basis of personalized learning content, such as response blogs, which will demonstrate shared learning on pre-determined topics. 2) Students will be able to practice responsible and ethical behavior towards adding appropriate, scholarly material within an online forum. 3) Students will be able to demonstrate digital learning through construction of original online content.

SAT Prep Grades 10-11 .50 Credit.

The SAT prep course is designed to help students prepare for the SAT test. The primary goal of this course is to identify and implement test taking strategies and use prerequisite knowledge to become more successful in the math portion of the exam.

### GIFTED COURSE OFFERINGS

BEETLES: AN EXPLORATION OF ENTOMOLOGY, BRITISH ROCK, AND GERMAN ENGINEERING:                      Grades 9-12                      .25 Credit

A bit of play on words, this course will use non-fiction texts to learn about beetles (the insect), the VW Beetle, and the Beatles. How has each of these influenced or shaped literature, a time period, our history, or our culture? This writing-intensive course runs on a four-year rotation as a two day per week pull-out program. It requires a teacher recommendation and instructor approval.

VIETNAM KALEIDOSCOPE:                      Grades 9-12                      .25 Credit

Vietnam Kaleidoscope explores the many perspectives of those involved in the events leading up to the Vietnam War and its aftermath. Through fiction, non-fiction, and historical texts, students will develop a broader understanding of how events came to pass and how they shaped multiple histories. This writing-intensive course runs on a four-year rotation as a two day per week pull-out program. It requires a teacher recommendation and instructor approval.

UTOPIAS, DYSTOPIAS, AND THE QUEST FOR THE PERFECT SOCIETY                      Grades 9-12                      1 Credit

This Honors-weighted, writing-intensive class will use literature to explore the concept of “utopia.” What commonalities exist among utopic texts? What reasons do humans have for inventing idealized societies? Conversely, what historical events have led to the writing of dystopias? These questions and others will be explored through the reading of *Candide* (George Orwell), *Utopia* (Sir Thomas More), *Anthem* (Ayn Rand), *Animal Farm* (George Orwell), and *1984* (George Orwell). Additionally, students will create their own utopian society, influenced by the content, questions, and discussions covered in class.

THE LITERATURE OF WORLD WAR II:                      Grades 9-12                      .50 Credit or 1 Credit

Through fiction, non-fiction, memoirs, historical texts, and film, students will discover the stories of World War II and the many people it affected by it. This writing-intensive, weighted course runs on a four-year rotation.

### **PROSPECTIVE COLLEGE ATHLETES**

If you are planning to enroll in college as a freshman and you wish to participate in Division I or II athletics, you must be certified by the NCAA Initial - Eligibility Clearinghouse.

PLEASE NOTE: The NCAA meets each summer, and the requirements can change as a result of these meetings. If you believe you will be a Division I or II athlete, please check with your Athletic Director and Counselor in the fall to learn if these requirements have been changed.

### **HIGH SCHOOL ENRICHMENT**

Students in grades 9-12 are able to take High School Enrichment courses through Bucks County Community College. Students interested in taking courses at the college must first meet the requirements on Bucks County Community College placement test. State funding is no longer available therefore; students are responsible for the full payment of each course and books. Courses are offered at the Bucks County Community College campus, or online. Colleges may cancel a class if there are not a sufficient number of students enrolled. Students who opt to take classes at Bucks County Community College or other campuses are responsible for their own transportation. Anyone who withdraws from a course after the designated drop date or fails a class is still responsible for the full payment of the course. High School Enrichment courses are weighted (B or higher) and successful completion counts as one credit toward high school graduation and applicable college credit. High School Enrichment courses may be taken in place of core requirements for graduation with subject coordinator and parent's written consent. Morrisville High School does not select the High School Enrichment professors and has no control over their curriculum, grading, or classroom policies. Students must direct questions or concerns about the classes to the professor and/or sponsoring college or university.

### **DUAL ENROLLMENT**

Students in grades 9-12 can get a head start on college while in high school. These courses are college level and are preselected by the High School. They are taught by the Bucks County Community College faculty after school hours. Students are responsible for the payment of each course unless funding becomes available. Bucks County Community College may cancel a class if there are not a sufficient number of students enrolled. Dual Enrollment courses are weighted (B or higher) and successful completion counts as one credit toward High School graduation and applicable college credit. Students must direct questions or concerns about the classes to the professor/sponsoring college or university.