

CLAYMONT HIGH SCHOOL
2017-2018
REGISTRATION BOOKLET AND COURSE SELECTION GUIDE

This registration booklet and course selection guide is designed to provide information to students and parents concerning the subjects offered at Claymont High School and the requirements necessary for graduation. The student and the parent/guardian need to consider: **(1) New Graduation Requirements, (2) Personal Interests, (3) Individual Aptitudes, and (4) Post High School Plans** when selecting next year's courses.

Parents are urged to contact the high school guidance counselors concerning the registration process and the selection of courses. Appointments, if needed, may be made to speak with the counselors by contacting the school at (740) 922-3471.

Freshman/Sophomore Counselor- Mrs. Vonda Garabrandt
Junior/Senior Counselor- Mrs. Lauren Castello

PLANNING A COURSE OF STUDY

The best high school course of study is one planned before the student enters high school and the one planned as a comprehensive whole, to meet the needs, interests, and aptitudes of the student. It will start with a diversified program in the freshman and sophomore years and will concentrate in one or two special fields in the junior and senior years. The earlier a student discovers the field in which he/she has the most interest and ability, the easier will be his task of planning wisely the course of study.

All students are urged to plan their courses of study on a four-year basis around their special interests and aptitudes. Parents should aid students in making these tough choices.

THE COURSES IN THIS BOOKLET REPRESENT ALL COURSES THAT EXIST IN OUR CURRICULUM. HOWEVER, ALL COURSES MAY NOT BE OFFERED DUE TO VARIOUS FACTORS. WE DO HAVE SOME EXCITING NEW OFFERINGS FOR NEXT YEAR. Please consider the wave of the jobs in the future when considering electives.

ACADEMIC POLICIES

Registration

The process of selecting and enrolling in specific courses is required of each student yearly. Many of the items found in this booklet will form the basis upon which the registration process can be accomplished more beneficially.

ALL COURSES LISTED IN THIS BOOKLET FOR ONE (1) CREDIT ARE FULL YEAR COURSES. ALL COURSES LISTED FOR ½ CREDIT WILL LAST FOR ONE (1) SEMESTER (ONE HALF YEAR). PHYSICAL EDUCATION COURSES ARE ¼ CREDIT AND WILL LAST FOR ONE (1) SEMESTER. P.E. OR AN EQUIVALENT IS REQUIRED BY THE OHIO DEPT. OF ED.

Weighted Grades

1. ALL AP classes taught at the high school will have weights of 5.0 for A, 4.0 for B, etc. and ALL students in AP classes MUST take the end of course exam. This has been the practice since the inception of AP classes.
2. Upper level courses taught at the high school, such as (but not limited to) Physics, Anatomy & Physiology, Chemistry E, Biology E, Trigonometry, III/IV years of foreign languages, and the enriched English 9, 10, 11, and 12 classes will be weighted on a 4.5 system. This is to encourage students to take more challenging courses, which colleges reward as well.
3. Beginning with the new College Credit Plus regulations, post-secondary classes will be weighted if equivalent to and in the same subject area as a weighted course at Claymont High School.

* The approved class list that receives weighted grades will be determined by a committee consisting of the Curriculum Director, Gifted Coordinator, High School Principal, and appropriate high school department heads, on an annual basis. If the committee cannot reach a decision on a specific class, the Superintendent will make the final determination.

Grading Scale and Quality Points

The following scale will be used to determine letter grades and quality points for cumulative averages for all courses that receive letter grades:

A	92 - 100	4.00
B	83 - 91	3.00
C	74 - 82	2.00
D	65 - 73	1.00
F	00 - 64	0.00

AP courses are weighted so that A=5.00, B=4.00, C=3.00, etc.

Honors courses may be weighted so that A=4.5, B=3.5, C=2.5, etc.

Course Load

1. **Each** student is required to enroll in no fewer than six (6) credits per year. **According to Ohio High School Athletic Association policy, a student must have passed five (5) credits (or the equivalent) in the preceding grading period, to be academically eligible to participate on an athletic team.**
2. Students should select classes so their schedules will include no more than one (1) full study hall per day, per semester.
3. Students are expected to be in school the full school day.

****Class Change Policy**

The purpose of registration is to gather relevant information to serve as the basis for planning the master schedule. We schedule staff for the coming school year according to the master schedule.

Once registration is completed, schedule changes will be permitted only in extreme circumstances. Before any change may take place, it must be approved by the parent/guardian, the student's counselor, and the principal.

Schedule changes will be made only because of:

1. Clerical errors by the office
2. Program changes such as Claymont High School to Buckeye Career Center
3. Buckeye students wishing to transfer back to Claymont High School
4. Documented health concerns
5. Adding a class in place of a study hall

Other than the above, the following policy will govern all schedule changes:

1. No course may be added after five class days
2. A course dropped after the twelfth (12th) day of class will result in a grade of WITHDRAWN FAILING (WF). This is figured in the grade point average as an F.
3. Required courses may not be dropped
4. Extenuating circumstances will be reviewed by the counselor and principal on an individual basis.

Student Classification

The class standing of students is determined as follows:

Freshmen	Fewer than five (5) credits
Sophomores	Minimum of five (5) credits
Juniors	Minimum of ten (10) credits
Seniors	Minimum of fifteen (15) credits

HONOR ROLL

Students are selected for the Honor Roll based on their grade point averages for the nine-weeks grading period.

Principal's List

The Principal's List is the highest of the academic honor rolls. To be eligible for the Principal's List a student must have a nine-weeks grade point average of 4.00 or above, with no grade below a "C."

High Honors

To be eligible for the High Honors List, a student must have a nine-weeks grade point average ranging from 3.60 – 3.99 with no grade below a "C."

Honors

In order to be selected for the Honors List, a student must have attained a nine-weeks grade point average ranging from 3.20 – 3.59 with no grade below a "C."

CRITERIA FOR DIPLOMA WITH HONORS

Beginning with the Class of 2012, the Ohio Board of Education has outlined the following guidelines, with the college prep student being required to meet seven out of the following eight requirements:

1. Four units of English;
2. Four units of mathematics, which shall include Algebra I, Algebra II, Geometry, and another higher level course or a four-year sequence of courses which contain equivalent content;
3. Four units of science, including one unit of physics and one unit of chemistry; these must be science content classes with labs;
4. Four units of social studies;
5. Three units of one foreign language or two units each of two foreign languages;
6. One unit of fine arts;
7. Maintain an overall high school GPA of at least 3.5 on a 4.0 scale up to the last grading period of the senior year;
8. Obtain a composite score of 27 on the ACT assessment (excluding the optional writing test) or a combined score of 1210 on the CollegeBoard's SAT verbal and mathematics sections (excluding the required writing section)

TECHNICAL/VOCATIONAL DIPLOMA WITH HONORS

The student who completes an intensive career-technical education curriculum while in high school (BCC) must meet any seven of the following eight criteria(graduating in 2012 & beyond):

1. Four units of English;
2. Four units of mathematics, which shall include Algebra I, Algebra II, geometry and another high level course or a four-year sequence of courses which contains equivalent content;
3. Four units of science including two units of advanced science "beyond the current OGT level" (inquiry based science content classes with labs);
4. Four units of social studies;
5. Four units in a career-technical education program that leads to an industry-recognized credential, results in an apprenticeship, or is part of an articulated career pathway, which can lead to post-secondary credit;
6. Achieve the proficiency benchmark established for the Ohio Career-Technical Competency Assessment or equivalent assessment aligned with state-approved and industry validated technical standards;
7. Maintain an overall high school grade point average of at least 3.5 on a 4.0 scale up to the last grading period of the senior year;
8. Obtain a composite score of 27 on the ACT (excluding the optional writing test) or a combined score of 1210 on the CollegeBoard's SAT verbal and mathematics sections (excluding the score obtained on the required writing section).

THE EDUCATIONAL PROGRAM

Credit Requirements

All courses are given credit based upon the number of hours the courses are in session. Academic classes must meet 120 clock hours to earn one (1) full credit. Laboratory classes must meet 150 hours for one (1) unit of credit. Physical education classes must meet a minimum of 60 hours for ¼ credit.

Students who are participating in the College Credit Plus option must have a minimum of 5 classes per semester between the two schools.

Graduation Requirements

To meet the requirements for graduation, a student must successfully complete (pass) a minimum of twenty-one (21) credits. The following are mandatory for all students graduating from Claymont High School (including students attending Buckeye Career Center or College Credit Plus classes).

English	4 Credits (English 9, 10, 11, 12)
Social Studies	3 ½ Credits Integrated History American History American Government World Civilization (1/2 credit) – Class of 2020 and beyond
Science	3 Credits
Mathematics	4 Credits (including Algebra II)
Health	½ Credit (1 semester)
Phys. Ed	½ Credit (2 semesters)
Fine Arts	1 Credit (this credit can be earned anytime in grades 7-12; BCC students are exempt from this requirement)
Business	Personal Finance (1/2 credit)
Electives	At least 5 credits of various electives

Graduation Requirements Class of 2018 – Beyond

In addition to the above required twenty-one (21) credits, students in the Class of 2018 and beyond must earn points toward graduation on seven end of course exams. These exams replace the Ohio Graduation Tests. The courses in which students take an end of course exam will be: English 9 and 10, algebra I, geometry, biology, American history, and American government.

With few exceptions, students must accumulate a minimum of 18 points from scores on their end of course exams to become eligible for a diploma.

For additional information on the new graduation requirements, please see the enclosed information sheet titled ‘**Earning an Ohio High School Diploma**’.

**EDUCATION PLANNING
RECOMMENDED COURSE SEQUENCE**

FRESHMAN YEAR

<u>VOCATIONAL</u>	<u>TECH/JR. COLLEGE</u>	<u>COLLEGE PREP</u>	<u>ADVANCED</u>
English 9R	English 9R	English 9E	English 9E
Pre-Alg	Pre-Alg	Algebra I	Algebra I
Physical Science	Physical Science	Phys. Science E	Phys. Science E
Integrated History	Integrated History	Integrated History	Integrated History
Health	Health	Health	Health
P.E.	P.E.	P.E.	P.E.
Electives	Foreign Language Electives	Foreign Language Speech Electives	Foreign Language Speech Electives

SOPHOMORE YEAR

<u>VOCATIONAL</u>	<u>TECH/JR. COLLEGE</u>	<u>COLLEGE PREP</u>	<u>ADVANCED</u>
English 10R	English 10R	English 10E	English 10E
Algebra I	Algebra I	Geometry	Geometry/Algebra II
Biology	Biology	Biology E	Biology E
American History	American History	American History	American History
P.E.	P.E.	P.E.	P.E.
Electives	Foreign Language Electives	Foreign Language Electives	Foreign Language Electives

JUNIOR YEAR

<u>VOCATIONAL</u>	<u>TECH/JR. COLLEGE</u>	<u>COLLEGE PREP</u>	<u>ADVANCED</u>
BCC or CHS English	English 11R	English 11E	English 11E
BCC or CHS Algebra II	Geometry	Algebra II	Trigonometry
BCC or Envir. Science	Chemistry	Chemistry E	Chemistry E/Physics
BCC or CHS Government	Government	Government	Government
BCC or Personal Fin.	Personal Finance	Personal Finance	Personal Finance
Electives	Foreign Language Electives	Foreign Language Electives	Foreign Language Electives

SENIOR YEAR

<u>VOCATIONAL</u>	<u>TECH/JR. COLLEGE</u>	<u>COLLEGE PREP</u>	<u>ADVANCED</u>
BCC or CHS English	English 12R	English 12 E	English 12AP
BCC or CHS Math	Algebra II	Transition/Trig	AP Calculus
BCC	Elective Science	Anatomy/Physics	AP Science
Electives	Electives	Electives	Electives

ENGLISH/LANGUAGE ARTS DEPARTMENT

Students must receive credit for one (1) English course at each grade level (English 9, 10, 11, and 12) in order to meet the requirements for graduation.

#040 English 9R

Required for graduation
PRE-REQUISITE: None

1 Credit
Fee: None

This course focuses on developing a student's skills in the following areas: reading, writing, critical thinking, vocabulary development, listening, and speaking. Informational texts, literary fiction, nonfiction selections, epics, novels, and plays will be included as required reading assignments. Writing skills will include practice in writing correct, clear, and varied sentences. Organization structure and development will be emphasized when writing essays. Proofreading and editing will be required for all writing assignments. State standards will drive the course instruction and many short cycle assessments will be graded in preparation for standardized tests. Class participation is required as most assignments are completed in class.

#041W English 9E

weighted class

Required for graduation

PRE-REQUISITE: English Teacher Recommendation and Excellent Attendance Record

1 Credit
Fee: None

Students **MUST** meet both prerequisites in order to enroll in this course. This is an **accelerated** class that is designed for the self-motivated student who understands that homework is necessary to increase academic achievement. Participating actively and thoughtfully during discussions is mandatory and often assessed. **In addition to independent study and responsibility in meeting deadlines, students must possess above average reading comprehension and writing skills in order to be successful in this class.** Students need to have a computer/laptop because many homework assignments must be accessed online and writing assignments must be typed. This course focuses on analyzing challenging reading selections from the following genres: fiction, nonfiction, information texts, essays, plays, epics, and novels. Students will be expected to compose explanatory, argumentative, analytical, and research essays both in and out of class. Vocabulary development and grammar exercises will also be covered. Students may be required to purchase novels for this course.

#050 English 10R

Required for graduation
PRE-REQUISITE: English 9

1 Credit
Fee: None

English 10R focuses on improving reading and writing skills, including the study of literature, composition and grammar. The grammar portion is a review of basic grammar skills with emphasis placed on helping the student express himself/herself in clear sentences and paragraphs, stressing variety in form. The literature consists of fiction, nonfiction, poetry, and drama. Emphasis is placed on vocabulary, literary concepts, and writer's devices. Research skills and selection of potential sources are introduced. Students should be prepared for both written and oral reports and essays in this course.

#051W English 10E

weighted class

Required for graduation

PRE-REQUISITE: At least a "C" average in English 9E or an "A" in 9R
AND Teacher Recommendation

1 Credit
Fee: None

English 10E is an **accelerated** class designed for the self-motivated English student who understands that homework is necessary to increase academic achievement. Participating actively and thoughtfully during discussions is mandatory and often assessed. Students will continue to develop mastery in reading comprehension, analysis, library/research work, interpersonal communication, and writing skills. Students need to have access to a computer/laptop in order to complete assignments. This course focuses on analyzing challenging reading selections in the following genres: fiction, nonfiction, informational texts, essays, plays, and novels. Student will be expected to compose explanatory, argumentative, analytical, and research essays both in and out of class. Vocabulary development and grammar exercises will also be covered. Student may be required to purchase novels for this course.

#060 English 11R

Required for graduation

PRE-REQUISITE: English 10

1 Credit

Fee: None

English 11R is a continuation of the concepts, basic principles, and general information about English grammar and American Literature. Additional skills in writing will be developed. American Literature, its authors, and works will be studied in the literature portion of this course. Students should be prepared for both written and oral reports and essays in this course.

#061W English 11E

weighted class

Required for graduation

PRE-REQUISITE: At Least a "C" average in English 10E

1 Credit

Fee: None

English 11E is an **accelerated** class designed to prepare students for college-level reading, writing and analysis. Students who enroll in this course should be self-motivated and understand that homework is necessary to increase academic achievement. Participating actively and thoughtfully during discussions is mandatory and often assessed. This course focuses on analyzing challenging reading selections from American Literature, including: fiction, nonfiction, informational texts, foundational texts, essays, poetry, plays, and novels. Students will continue to develop mastery in reading comprehension, analysis, library/research work, interpersonal communication, and writing skills. Students need to have access to a computer/laptop in order to complete assignments. Students will be expected to compose explanatory, argumentative, analytical, and research essays both in and out of class. Vocabulary development and grammar exercises will also be covered. Students may be required to purchase novels for this course.

#070 English 12R

Required for graduation

PRE-REQUISITE: English 11

1 Credit

Fee: None

English 12R focuses on the study of British Literature, authors, and time periods. The basic principles of grammar and writing skills will be reviewed with emphasis placed on improving and developing these skills. Students will be required to complete their career passports for graduation and will be assisted in this area. ACT review will also be offered. The student will also be assisted in the exploration and selection of post-secondary educational options.

#071W English 12E*weighted class*

1 Credit

Required for graduation

Fee: None

PRE-REQUISITE: At least a “C” average in English 11E

This course is designed for the above average English student who is highly motivated to work independently. The student will be involved in the study of British Literature and the historical time period the literature encompasses. Emphasis will be placed on developing the student’s reading and writing skills in preparation for college. In addition to ACT review, assistance will be offered with the career passport that is required for graduation. The student will also be assisted in the exploration and selection of post-secondary educational options.

#0521 Speech

½ Credit

Elective for Grades 9-12

Fee: None

PRE-REQUISITE: None

Speech is a one-semester course designed to develop a student’s public speaking abilities. Students will use library and computer research skills to develop speeches to introduce, inform and persuade. Emphasis is placed on improving critical thinking and listening skills, identifying propaganda, and outlining skills. This course is recommended for all college bound students.

#0631 Speech II/Communications

½ Credit

Elective for grades 9-12

PRE-REQUISITE: B or above in Speech and/or permission of instructor Fee: None

This course builds on the skills learned in basic speech class. It is designed to help students develop better speech habits and to achieve poise and self-confidence when speaking before an audience. Students will learn to give oral presentations prepared in a logical, well-organized manner. In addition to informative and persuasive speaking, the students will be introduced to debate and oral interpretation. Students will also explore interpersonal, intrapersonal, and intercultural communication. This class MAY be offered every other year, depending upon student demand for the class.

#053 Yearbook

1 Credit

Elective for Grades 10-12

Fee: None

PRE-REQUISITE: “B” in English AND Teacher Recommendation

Students will design the school’s yearbook - photographing school events, writing copy, and preparing page layouts. They will also be involved in several fundraisers and advertising projects requiring some after-school availability.

#0641 Literature of the Holocaust

½ credit

Elective for grades 10-12

PRE-REQUISITE: C or higher in English 9

Fee: None

The purpose of this class is to give students the insight into many historical, social, religious, political, and economic factors that cumulatively resulted in the Holocaust. Students will gain awareness of the complexity of the subject and a perspective on how a combination of factors can contribute to the disintegration of democratic values. The hope is for students to understand that it is the responsibility of citizens in any society to learn to identify danger signals, and to know when to react to prevent

actions, such as genocide, and the steps that may lead to it. Students are required to have certain books for class, which can be borrowed from past students or libraries, or purchased at student expense.

#0642 Modern Fiction

Elective for grades 10-12

½ credit

PRE-REQUISITE: Teacher Recommendation

Fee: None

This is an introductory survey of literature for young adults (ages 12-18), with an emphasis on current authors. Includes a discussion of the characteristics, needs, and reading interests of teenagers, a critical study of the literature, an overview of basic selection tools and practice in book talking. We will discuss from the perspectives of genre, theme, representations of adolescence and adulthood, and approaches to interpretation.

#091 Sigma Tri

Elective for all grades

1 credit

PRE-REQUISITE: Good attendance and teacher reference required.

Fee: None

Sigma Tri is a class that partners regular/gifted education students with special education students in an environment that fosters friendships while practicing and learning English Language Arts skills. Each day students will work in a project based environment to master English Language Arts standards and to learn how to help others, despite differences in age, gender and abilities. Upon arrival of our building facility dog, students in this class will interact with the dog in unique and motivating learning opportunities.

#062 Mock Trial

Elective for all grades

1 credit

PRE-REQUISITE: Previous member of the Mock Trial Team or Approval of Mock Trial Advisor

Each year volunteer attorneys create an original case around a current constitutional issue important to students. Mock Trial teams work with attorney(s)/judge(s) to prepare their case from both the plaintiff and defense perspective. Competitions at the district, regional, and state levels are conducted in an actual courtroom and are scored by panels of lawyers and judges. Enrollment in this class affirms the student's commitment to participate in Mock Trial competitions representing Claymont High School. Enrollment in the class is highly suggested for Mock Trial members, but due to a scheduling conflict, it is not mandatory as long as the advisor is aware of the scheduling conflict. In addition to preparing for competitions, this class will also include examining case studies on law and ethics in the context of real life.

Students need to be prepared to critically read and analyze issues, to engage in discussions/debates about these topics, to be assessed on topics related to the class and/or court cases, to participate in individual learning plans regarding their roles, and to be graded on their participation at team practices held by their individual legal counsel after school and on the weekends. Grades will also be given at scrimmages and district/regional/state competitions.

Mock Trial Objectives: improve critical thinking, reading, writing, public speaking and listening skills, develop understanding and appreciation for the law, court procedures, and the judicial system, understand constitutional rights and responsibilities, and recognize and reward students' academic and intellectual achievements.

SOCIAL STUDIES DEPARTMENT

Students must have a total of three (3) social studies credits to meet the graduation requirements from Claymont High School. Those MUST include one credit each in: Integrated History, American History, and American Government. All other classes will be considered as electives.

#151 Integrated History (1877-1943)

Required for Grade 9

1 Credit

Fee: None

This course focuses on American in the aforementioned time period, having an emphasis on: the Industrial Revolution, Imperialism, Progressivism, the Roaring 20's, the Great Depression, and historical documents. Throughout the year, the themes of racial segregation and the role of women will also be covered.

#160 American History (1940-present)

Required for grade 10

1 Credit

Fee: None

American History examines the story of modern America – its diverse people, its varied landscape, its sturdy democracy, and its great events. Students will make connections between the past and the present. Some of the topics covered include: the New Deal, WWII, suburbia, the Cold War, Civil Rights, the Korean Conflict, the Vietnam era, Watergate, political terrorism, and the post 9/11 world.

#170 American Government

Required for grade 11

1 Credit

Fee: None

The course is designed to help students gain an understanding of how our governmental system is organized and how the system functions. The course focuses on the organization of the legislative, executive, and judicial branches on the federal, state, and local levels. Students will also have the opportunity to register to vote and learn how the election process works.

#162 Psychology

Elective for grades 11 and 12 only

1 Credit

Fee: None

PRE-REQUISITE: Must have passed Integrated History, American History, and the OGT in SS

This course deals with others. What is creativity, and why do one out of every five people need some type of professional help? The course will also cover such topics as dreaming, hypnosis, memory, and hallucinations. In addition, the class will study how we learn language, how love grows, adolescence, maturity, self-images, and the development of personalities.

#1502 Current Events

Elective for grades 9-12

½ Credit

Fee: \$5

Current events, or “What’s happening in your current world?” The goal of this class is to raise student interest in, and to promote awareness of, the stories making headlines, by “staying on top of the news.” This class will use presentations, debates, discussions, and writing to help increase awareness of current issues and to achieve the goal of becoming informed citizens.

#1504 Sports in Society
Elective for grades 10-12

½ Credit
Fee: None

This class will spotlight the impact of sports on athletes and our society. Our study will focus on the social, cultural, economic, and intellectual context of sports both today and through the years. Students will understand why and how sports have become a popular cultural phenomenon. Students will also learn a greater appreciation for the issues that have affected sports, such as gender, discrimination, cheating, drugs, and gambling. Also, students will begin to recognize the influence of commercialization of sports and their economic impact on society.

#1505 History of War
Elective for grades 11 and 12

½ credit
Fee: None

This course will introduce you to important aspects of the social, political, economic and cultural history of the US from the end of the Spanish-American War to the present through video. The topics are organized chronologically, and will address a number of recurring themes, such as the role of government, issues of identity, the concept of culture, and America's relationship to the outside world. We will draw from primary and secondary resources (mainly video) and examine US history through a variety of perspectives. Course lectures, readings, discussions, and activities will require your active participation and will encourage reflection and self-exploration.

#1507 World Civilization
Required for all students in Class of 2020 and beyond

½ credit
Fee: None

World Civilization is a class designed to enlighten students to the different cultures around the world throughout history. This class will take an in-depth study of numerous civilizations, cultures, and eras that have greatly contributed to western civilization. Examples of these cultural studies include, but are not limited to, Rome, Greece, The Renaissance and Reformation, the Enlightenment, world religions, and geography.

SCIENCE DEPARTMENT

All students must pass three years of science to graduate. Physical Science and Biology are required of all students. The third year of science may consist of Environmental Science, or Chemistry, depending upon what you plan on doing after high school. Any student who is planning on attending college should take Chemistry, Physics, and as many other advanced science classes as possible.

#240 Physical Science 1 credit
Required for graduation – grade 9 Fee: \$10
PRE-REQUISITE: None 1 period

This class is designed around two of the most fundamental disciplines of science: physics and chemistry. These areas will be taught through minds-on activities that integrate everyday life. Students will see the connections between the sciences and how science is important in their lives. This course is designed to aid freshmen in preparing for the Ohio Graduation Test and future science courses.

#241W Physical Science E *weighted class* 1 Credit
PRE-REQUISITE: Teacher Recommendation Fee: \$10

This course is designed around two of the most fundamental disciplines of science: physics and chemistry. A shorter unit of space is also included. These areas will be taught through minds-on activities that integrate everyday life. Laboratory work, research projects, field work, journal reading, and math-science connections are the central core of this class. It is expected that students will work extensively outside of class. High level thinking, math, and writing skills will be utilized. This class will be fast paced and is intended to help students advance to higher level science courses with ease.

#250 Biology 1 credit
PRE-REQUISITE: Physical Science Fee: \$20
1 ½ periods

This course will focus on the central topics of life science including cells, genetics, energy transfer, DNA, ecology, evolution, and the kingdoms of life. Concepts, thinking skills, and writing skills will be emphasized. Projects will be assigned to allow for creativity and the utilization of technology. Preparation for the Ohio Graduation Test will be stressed.

#251 Biology E 1 credit
PRE-REQUISITE: *Weighted Class* Fee: \$20
For students with at least a B in Physical Science AND teacher recommendation

This course will provide a more in-depth study of the central topics in life science including the cell, genetics, DNA, ecology, evolution and the Kingdoms of Life. Work will require the students to not simply memorize facts, but to apply those facts beyond their normal thinking. Laboratory work, research projects, field work, journal reading and dissections will be the central core of this class. It is expected that students will work extensively outside of class. High level thinking and writing skills will be utilized. This class will be fast paced and is intended to help the student advance to higher life science courses with ease.

#262 Environmental Science 1 credit
PRE-REQUISITE: Teacher recommendation and passed Biology Fee: \$10

This single period course will explore a multitude of issues concerning our environment and how humans are affecting our planet. Climate change, overpopulation, pollution, diminishing resources and energy efficiency will be explored. Other topics to be studied include weather, biomes, endangered species, and wildlife management. This course is considered an advanced study of the Earth.

#260 Chemistry

1 credit

PRE-REQUISITE: C in Biology or teacher recommendation

Fee: \$20

Students should also be in Algebra II

1 ½ periods

The course focuses on the composition, structure, and properties of matter and the changes it undergoes. General topics of study include the organization of matter, the language of chemistry, phases of matter, the behavior of solutions, chemical reactions, organic chemistry, and nuclear chemistry. Weekly lab activities reinforce these topics by relating “real world” applications to each current area of study. Students will explore the impact of chemistry on modern society as well as its impact on their personal lives.

#261W Chemistry E (advanced option for college prep. students)

1 credit

PRE-REQUISITE: At least a B in Enriched Biology and teacher recommendation

1 ½ periods

Weighted class

Students should also be taking Algebra II

Fee: \$20

The course focuses on the composition, structure, and properties of matter and the changes it undergoes. General topics of study include the organization of matter, the language of chemistry, phases of matter, the behavior of solutions, chemical reactions, organic chemistry, and nuclear chemistry. Weekly lab activities reinforce these topics. Several extensive lab reports requiring work outside of normal school hours are mandatory. This class is planned in order to prepare students for post-secondary study in chemistry, biology, physics, geology, and engineering. Academic and behavior expectations for this course are the equivalent to those of a collegiate freshman level chemistry course.

#270W Physics

1 credit

PRE-REQUISITE: Passed Chemistry, taking Trig.

Fee: \$20

Weighted Class

1 ½ periods

This course is a study of the physical universe including kinematics, circular motion, sound, light, electrical circuits, nuclear decay, and optics. This class focuses on problem-solving skills and is very mathematically intensive. It will cover labs using lab pros, hands-on labs and simulation labs. Intensive study time and independent work are mandatory for success in this class. Any student wanting to enter post secondary study in chemistry, physics, geology, engineering, or medicine should take this course. Academic and behavior expectations for this course are the equivalent to those of a collegiate freshman level physics course.

#252W Anatomy & Physiology

1 credit

PRE-REQUISITE: “C” in chemistry or teacher recommendation

Fee: \$10

Weighted Class

1 period

This course will be an in-depth study of the human body and biotechnology. Dissection of animals and animal parts is an essential part of this course. Animals are used because they dove-tail many of the human structures and functions. This course is very student driven requiring a lot of self-discipline. The student is expected to memorize vast lists of relative body parts very much like what is required in college courses of the same. It is designed to prepare and enlighten students to the rigors

of the medical field. Students interested in nursing, medical profession in general, and veterinary medicine are encouraged to take this class.

#291 AP Biology - offered at the discretion of the administration based upon student interest

PRE-REQUISITE: Jr./Sr. status with a B or better in Biology and Chemistry plus teacher recommendation.

Weighted class

1 credit

1 ½ periods

Fee: \$80 + cost of text book IF you want to purchase it.

This class is intended to provide students with a solid background in modern biology and to help students gain an appreciation for the scientific process. This involves an incredible commitment on the student's part. We will be moving at a rapid pace in order to cover all materials for the AP exam in May. We will cover topics such as cellular organization and function, the transfer of energy through living systems, cellular reproduction, and classification of living things, the kingdoms of life, human systems and animal behavior. There will be extensive lab work to supplement the lectures. You will be expected to do much reading and scientific writing to keep up with the material. Be prepared to work! Behavioral and academic expectations for this course are equal to those of a college freshman level biology course.

#290 AP Chemistry - offered at the discretion of the administration based upon student interest

Weighted class

1 credit

PRE-REQUISITE: Jr./Sr. status, passed Algebra II, and a final average grade of B or higher in Chemistry

Enriched or Chemistry and/or teacher recommendation

Fee: \$80

The AP Chemistry course provides students with a college-level foundation to support future advanced course work in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. This course requires that 25 percent of the instructional time provides students with opportunities to engage in laboratory investigations. Students ask questions, make observations and predictions, design experiments, analyze data, and construct arguments in a collaborative setting, where they direct and monitor their progress. This includes a minimum of 16 hands-on labs, at least six of which are inquiry based. Behavioral and academic expectations for this course are equal to those of a college freshman level chemistry course.

The AP program enables willing and academically prepared students to pursue college-level studies – with the opportunity to earn college credit, advanced placement, or both – while still in high school. AP Exams are given each year in May. Students who earn a qualifying score on an AP Exam are typically eligible, in college, to receive credit, placement into advanced courses, or both.

THE PURPOSE OF THESE AP COURSES IS TO PREPARE STUDENTS TO PASS THE AP BIOLOGY AND/OR CHEMISTRY TEST. TEREFORE ALL STUDENTS ENROLLED IN THE COURSES ARE REQUIRED TO TAKE THE CORRESPONDING ADVANCED PLACEMENT TEST. THE TESTING FEE WILL BE REFUNDED BY THE SCHOOL BOARD WHEN STUDENTS PASS THE AP TEST WITH A GRADE OF 3-5.

MATH DEPARTMENT

In order to meet the graduation requirements for graduation from Claymont High School, a student must earn credit in four (4) math courses. According to the new state guidelines, every student must progress through Algebra II, beginning with the Class of 2014.

#341 Pre-Algebra

1 Credit

PRE-REQUISITE: Recommendation by 8th grade math teacher

Fee: None

This course is designed to act as a transition between 8th Grade math and Algebra I. It contains a review of general math principles and gradually introduces students to the algebraic concepts of variable, phrases, and equations.

#342 Algebra I

1 Credit

PRE-REQUISITE: None

Fee: None

This course is designed as the first high school math course for students in the general and college prep curriculum. The class will focus on the study of mathematical symbols, numbers, operations, and the relationships that exist between these items. The four basic operations of adding, subtracting, multiplying, and dividing will be applied to all numbers and symbols in a logical and consistent manner. The ability to think, concentrate, and organize material is very important. This is the basic course for work in higher levels of mathematics.

#362 Algebra Plus

1 credit

PRE-REQUISITE: Algebra I

Fee: None

This course is designed for students who have moderate Algebra I skills and who want to expand or improve those skills. Students will also be introduced to basic Algebra II concepts. The course is considered a precursor to Algebra II. Topics covered will be the study of math symbols, numbers, operations, and the relationships that exist between these items.

#351 Geometry

1 Credit

PRE-REQUISITE: Algebra I

Fee: None

This course is designed and recommended for the student who has completed Algebra I. Topics of geometry will be covered more theoretically with a higher level of difficulty. Topics covered include: angles, polygons, transformations, triangles, parallel lines, similar and congruent figures, coordinate geometry, surface area and volume, and deductive proofs related to geometric figures.

#352W Geometry Enriched

Weighted Course

1 Credit

PRE-REQUISITE: Algebra I/II Enriched or Teacher Recommendation

Fee: None

This course is designed and recommended for the student who has completed Algebra I enriched and/or Algebra II enriched. Topics of geometry will be covered more theoretically with a higher level of difficulty. Topics covered include: angles, polygons, transformations, triangles, parallel lines, similar and congruent figures, coordinate geometry, surface area and volume, and deductive proofs related to geometric figures.

#360 Algebra II

1 Credit

PRE-REQUISITE: Algebra I and Geometry

Fee: None

(May be taken concurrently with Geometry upon teacher recommendation)

This is a continuation of Algebra I, involving a more in-depth study of the relationships between numbers and symbols. A thorough analysis of quadratic, exponential, and rational functions will be presented. Rational expressions, probability, and data analysis will be explored.

#360W Algebra II Enriched*Weighted Course*

1 Credit

PRE-REQUISITE: Algebra I/Geometry Enriched or Teacher Rec.

Fee: None

This course is designed and recommended for the student who has completed Algebra I enriched and/or Geometry Enriched. This is a continuation of Algebra I, involving a more in-depth study of the relationships between numbers and symbols. A thorough analysis of quadratic, exponential, and rational functions will be presented. Rational expressions, probability, and data analysis will be explored.

#361W Trigonometry/Pre-calculus*Weighted class*

1 Credit

PRE-REQUISITE: "C" or higher in Algebra II and Geometry

Fee: None

And teacher recommendation

A study of triangles and their properties, analysis of practical trigonometry, and theory of trigonometry to gain insight into structure of trigonometry as a mathematical discipline is covered. Analytic geometry is a joining of the two fields of geometry and algebra. The study of the figures of geometry (circles, straight lines, etc.) is applied with algebra to graph these figures on rectangular coordinate systems.

#340 Algeo & Trig

1 Credit

PRE-REQUISITE: Algebra I and Geometry

Fee: None

This course is designed to explore concepts from Algebra and Geometry with a heavy emphasis on problem-solving and higher order thinking skills. A basic introduction to Trigonometry will also be covered. It is recommended for students who do not wish to take a higher level math course such as Trigonometry or Calculus.

#380 College Math

1 Credit

Students in grade 12

Fee: None

PRE-REQUISITE: Senior Status ONLY, C or better in Alg. II

This course is geared to the mathematical needs of the non-science or non-math major student who needs to have a good background for general college level mathematics. All topics are covered that prepare the non-science major for college with enough depth to help the student for college math success in a college Algebra course. The course level is not quite as rigorous or demanding as for those going into potential math and science fields in college. In the second semester, there will be an introduction to functions and matrices. Use of the graphing calculator will be emphasized.

#390 A.P. Calculus*Weighted class*

1 credit

Fee: \$80.00

PRE-REQUISITE: "A" or "B" in Trig./Pre-Calculus
Teacher RecommendationTextbook
(if purchased)

This class is intended for serious math students who have a mastery of algebra, geometry, and trigonometry. A very small portion of time will be spent on elementary functions. The majority of the course focuses on differential and integral calculus.

THE PURPOSE OF THIS COURSE IS TO PREPARE STUDENTS TO PASS THE AP CALCULUS TEST. THEREFORE, ALL STUDENTS ENROLLED IN THIS COURSE ARE REQUIRED TO TAKE THE AP TEST. THE TESTING FEE WILL BE REFUNDED TO STUDENTS WHEN THEY PASS THE AP TEST WITH A SCORE OF 3-5.

ANY DEVIATION IN PLACEMENT FROM THE SPECIFIED PRE-REQUISITES WILL REQUIRE WRITTEN PARENTAL ACKNOWLEDGEMENT THAT THE DEPARTMENT STRONGLY ADVISES AGAINST SUCH PLACEMENT AND THAT LACK OF SUCCESS OR EVEN STUDENT FAILURE IN THE COURSE IS A STRONG POSSIBILITY.

ACT PREP**#3631 ACT Prep Class**

½ credit

Elective for Grades 10, 11, 12

Fee: None

PRE-REQUISITE: Must be in a college prep curriculum

This elective course is designed to prepare students for success on the ACT. A review of key concepts as well as test-taking skills will be covered. The Army's March2Success ACT review program will be used in the class. Seniors should consider taking it before their final semester of high school.

COMPUTER/BUSINESS DEPARTMENT

A PRE-REQUISITE FOR ALL COMPUTER CLASSES IS THAT THE STUDENT MUST HAVE A SIGNED ACCEPTABLE USE POLICY (GRANTING INTERNET USE) ON FILE WITH THE SCHOOL DISTRICT.

#3733 PLTW Computer Science for Innovators and Makers

½ credit

In this new unit, students will discover computer science concepts and skills by creating personally relevant, visible, tangible, and shareable projects. Throughout the unit, students will learn about programming for the physical world by blending hardware design and software development. They will design and develop a physical computing device, interactive art installation, or wearable and plan and develop code for microcontrollers that bring their physical designs to life. Physical computing projects will promote student awareness of interactive systems, including Internet of Thing (IoT) devices, and broaden their understanding of abstract computer science concepts through meaningful and authentic applications.

#364 Computer Science Essentials

1 credit

Required for all students, PRE-REQUISITE: PLTW course above

Fee: \$5.00

In Computer Science Essentials, students will use visual, block-based programming and seamlessly transition to text-based programming with languages such as Python and HTML to create apps and develop websites, and learn how to make computers work together and to put their design into practice. Students will apply computational thinking practices, build vocabulary, and collaborate just as computing professionals do to create products that address topics and problems important to them.

#3731 Integrated Computer Applications

½ Credit

Elective for grades 9-12

Fee: \$5.00

Integrated Computer Applications is the perfect choice for students who want to build upon the skills that they acquired in Basic Computer Applications. Through a series of integrated office simulations which utilize Microsoft Word, Power Point, Publisher and Excel, students will be able to hone their skills while creating an assortment of business and financial documents, marketing pieces, promotional presentations, and much more.

#3711 Web Design I

½ credit

Elective for Grades 9-12

Fee: \$5.00

PRE-REQUISITE: Teacher Recommendation

Students will learn, create, and maintain their own web pages in this course. The tools for creation and the topics of discussion are HTML, CSS, and Graphic Design. All of the pages in this class will be created with fresh technologies – valid HTML5 and CSS. By the end of this course, students will have the skills to create and maintain their own personal web page.

#3712 Web Design II

Elective for Grades 9-12

PRE-REQUISITE: Web Design I, Instructor Approval

½ credit

Fee: \$5.00

This course will further develop the students’ understanding of HTML, CSS The Box Model, Javascript, JQuery, and PHP. Students will continue to develop the skills of creating interactive and dynamic web sites. Students will also maintain the Claymont Web Site by photographing and recording events from around the district. The topics of discussion are HTML, CSS, Javascript, JQuery, Photography, Video Creation for the web and PHP.

#6483 Video Editing

Elective for Grades 10-12

PRE-REQUISITE: Teacher Recommendation

½ credit

Fee: \$10.00

This course is designed to provide an appreciation of the video industry. Digital Video Editing software and PhotoShop will be used extensively in this class. Video and digital cameras and a portable video studio will also be used. Students **must be** willing and able to video tape some school events after school hours.

#6487 CMN NEWS

Elective for Grades 11-12

½ Credit

Semester Course

Fee: \$10 per semester

This course is designed to provide students an appreciation of the news industry. Digital video cameras and the portable studio will be used to give students an understanding of how news is produced. Students will edit using digital video software. Knowledge of Photoshop is recommended, but not required. **Students who take this class must be willing to appear on camera when necessary.** Students will conduct interviews and report on events occurring around the school and in the community or world.

#691 and #692 – Tech Prep (Interactive Media)

Elective for Grades 11-12

PRE-REQUISITE: see scheduling booklet, page 35, for complete description

3 credits per year

Fee: \$50

Students training in the area of interactive multi-media will become competent in creating, designing, and producing interactive multi-media products and services. This program of study emphasizes the development of digitally-generated or computer-enhanced media. Students will use multi-media technology to develop products/programs for business, training, entertainment, communications and marketing. Essential skill areas include, but are not limited to: Animation, Media Design, Interactive Digital Media, GUI Interfaces, Instructional Application, Application Design, Authoring Languages, Audio/Visual Production, and Digital Imaging.

****DUAL ENROLLMENT opportunities include Stark State College.**

****DUAL ENROLLMENT opportunities are now in association with *College Credit Plus (see page 31)***

Enrolled Student & Parent/Guardian must attend a CCP Informational Meeting. All requirements are based on the College Credit Plus requirements as set forth by the Ohio Board

of Regents and Ohio State Board of Education. Please see Mr. Mayo or Mrs. Castello with questions.

#3720 Personal Finance

½ Credit

Required for all students, taken in grade 11

Fee: None

This course is a graduation requirement that will emphasize personal finance management with a focus on consumer education. Areas of discussion include banking services, credit risk, money management, financial investments, wages, taxes and risk management. Successful completion of this course will require students to demonstrate proficiency in the Ohio Academic Content Standards for Financial Literacy.

#370 Accounting

1 credit

Elective for grades 10-12

Fee: None

Accounting is the basic language for all business. This course is designed to give you a basic understanding into how individually-owned companies, as well as partnerships, engage in business transactions. Why does one company's stock price go up while another decreases? With your knowledge of Accounting, you'll be able to understand this, and therefore, MAKE MONEY! Don't wait until college to get these skills – get the skills now!

#3721 Business Law

½ credit

Elective for grades 10-12

Fee: None

What is a monopoly? What is a tort? Who is the plaintiff and the defendant? What kind of and how much car insurance coverage should I get? This class is designed to introduce you to the law from both a personal and business perspective. From ethics and morals to mock trials, this class has it all. You will learn about several different types of law including housing and consumer and what the purpose is of each. Case studies, real life scenarios, and current events are also investigated and discussed in this class.

FOREIGN LANGUAGE DEPARTMENT

#440 French I

Elective for Grades 9-11
PRE-REQUISITE: None

1 Credit
Fee: None

The student will develop basic speaking, listening, reading and writing skills related to everyday life in a French-speaking country. The student will gain an awareness of contemporary life in France and the francophone world. Regular attendance is required for success in this course. Classroom participation is expected.

#450 French II

Elective for Grades 10-12
PRE-REQUISITE: "C" in French I

1 Credit
Fee: None

This class will further the student's ability to function in everyday situations in the French-speaking world. Students will increase their proficiency in speaking, listening, reading and writing, and will gain a deeper understanding of the culture of the French-speaking world. Classroom participation and good attendance are expected.

#460W French III

Elective for Grades 11-12
PRE-REQUISITE: "B" in French II

weighted class

1 Credit
Fee: None

This class will develop increasingly complex speaking, listening, reading and writing skills, with communication as the ultimate goal. Students will further develop an appreciation and understanding of the cultures of French-speaking countries. Classroom participation and good attendance are expected.

#470W French IV

Elective for Grade 12
PRE-REQUISITE: "B" in French III

weighted class

1 credit
Fee: None

This class is a continuation of French III. The student will continue to develop communication skills through more complex reading, writing, listening and speaking activities. Students will analyze, compare and discuss cultural norms of French-speaking countries. There will be frequent homework and quizzes, as well as chapter tests. Classroom participation and good attendance are expected.

#441 Spanish I
Elective for Grades 9-11
PRE-REQUISITE: None

1 Credit
Fee: None

Good memorization skills are crucial in order to do well in this class. Emphasis is on proper grammar and correct spelling in the Spanish language. Because of this, students need to have good English grammar skills in order to understand and make use of the corresponding grammar rules in Spanish. Excellent attendance and study habits are necessary for anyone taking this course. There will be frequent homework assignments and quizzes to help the student master the material being covered.

#451 Spanish II
Elective for Grades 10-12
PRE-REQUISITE: "C" in Spanish I

1 Credit
Fee: None

Students will advance their knowledge of Spanish by learning several verb tenses, grammar structures, and vocabulary. Listening, speaking, reading, and writing skills will be expanded as the student progresses through this level. The ability to memorize and utilize information is crucial. Excellent attendance and study skills are necessary for a student to do well in this class.

#461W Spanish III
Elective for Grades 11-12
PRE-REQUISITE: "B" in Spanish II

weighted class

1 Credit
Fee: None

Students will continue to learn communication techniques for use in real-life situations. Previously learned verb tenses and grammar structures will be expanded upon greatly. Writing, reading, speaking and listening skills will be put to the test in this class. Again, excellent attendance and study skills are a must for this class

FAMILY AND CONSUMER SCIENCE DEPARTMENT

#5411 & #5412 Personal Development I & II

Elective for 9-12 must sign up for both semesters

1 Credit per year & 1 period

Fee: \$15

This course is intended to provide students with knowledge and skills which will aid them in managing work and family responsibilities for the well-being of self and others. This course is a year-long course separated into two parts. During one semester the emphasis will be on career exploration, basic sewing skills, creating a living environment, balancing work and family, financial planning responsibilities, and self-esteem. The other semester will be spent exploring food choices, food preparation skills, making healthy food decisions, parenting responsibilities and improving family relationships.

#5731 Creative Cooking

Elective for Grades 9-12

PRE-REQUISITE:

½ Credit

Fee: \$30.00

This class is designed to provide students with basic cooking skills. Students will become familiar with, and be able to prepare quick breads, appetizers, small meals, desserts, and side dishes. The class will help students understand the correlation between good nutrition and good health. Topics covered include basic kitchen knowledge, safety dietary guidelines, and discussion and application of different food groups.

#5741 International Foods

Elective for Grades 10-12

PRE-REQUISITE: Sophomore, Junior or Senior status.

½ Credit

Fee: \$35.00

This class is designed to explore the connection between food, culture, and the world. Students will further their knowledge of cooking, including more advanced food and meal preparation techniques. This course content will cover foreign foods, main dishes, beverages, desserts, table settings, meal service and dining etiquette in the United States and abroad.

#5721 Parenting

Elective for Grades 10-12

PRE-REQUISITE: Sophomore, Junior, or Senior status

½ Credit

Fee: None

This course is intended to provide students with knowledge of the process of pregnancy and birth, to understand growth and development of children, and to help students become responsible parents in the future. Some topics that will be covered include: heredity and environment, characteristics and needs of infants, toddlers, preschoolers, and school aged children. Identifying and preventing child abuse will also be discussed.

ART DEPARTMENT

#640 Art I

Elective for Grades 9-12
PRE-REQUISITE: None

1 Credit
Fee: \$10.00

The purpose of Art I is to develop appropriate knowledge and appreciation of art through creative and manipulative experiences leading to an appreciation of art in society. Art I includes art history, aesthetics, social implications and studio which includes experiences in drawing, painting, collage, perspective, design, and developing an art vocabulary.

#650 Art II

Elective for 10-12
PRE-REQUISITE: Art I

1 Credit
Fee: \$10.00

Art II is aimed toward continuing the goals of the first year with more emphasis on three-dimensional art forms. Aesthetics, art history, social implications, and studio are stressed, as well as finding an artistic voice and style. Art II students will be expected to keep a sketch book.

#661 Ceramics I

Elective for 9-12
PRE-REQUISITE: None

1 Credit
Fee: \$25.00

This class is for those interested in furthering their skills in creating art works out of clay. Students will be able to wheel throw or hand build works of art. Also introduced in this class will be methods of firing, glaze making, and reclaiming clay. Ceramic terminology casting, modeling, molding, assemblage, carving, coiling, and slab work will be studied in depth.

#671 Ceramics II

Elective for 10-12
PRE-REQUISITE: Ceramics I

1 Credit
Fee: \$25.00

This class is for those interested in furthering their skills in creating art works out of clay. Students will be able to wheel throw or hand build works of art. Ceramic terminology, casting, modeling, molding, assemblage, carving, coiling, and slab work will be studied in depth. Ceramics II students will be introduced to various methods of firing, glaze making, and reclaiming clay.

INDUSTRIAL TECHNOLOGY DEPARTMENT

#6411 Mechanical Drawing

Elective for Grades 9-12

½ Credit

Fee: \$10.00

Any student desiring to pursue the fields of architecture, engineering, construction, or any math-related career would benefit from this class. The class stresses blue print reading and development and improvement of math skills. Some areas covered are basic drawing procedures, and all forms of measurement, lettering, geometric construction, orthographic projection, and isometric drawings.

#643 Wood Technology I

#653 Wood Technology II

#663 Wood Technology III

#673 Wood Technology IV

Electives for Grades 9-12

Full year Courses

1 Credit each

Fee: \$15 each

This class is an introduction to basic woodworking tools, materials, and processes with an emphasis on applied mathematical skills. Many math and geometric principles are also reinforced in this class. Students will learn basic hand and machine tool operation and safety. Hands-on, three-dimensional problem-solving skills are used to produce a variety of wood projects. In Wood II-IV an emphasis is also placed on joinery and advanced projects. Wood technology is recommended for male and female students. This course may be taken more than once with higher level projects being done each year.

#642 Machine Technology I

#652 Machine Technology II

#662 Machine Technology III

#672 Machine Technology IV

Electives for Grades 9-12

Full year Courses

1 Credit each

Fee: \$15.00

This course is designed for the student to learn various types of machinery used in industry today. It introduces students to the techniques and skills required in machining, welding, forging, foundry, plasma cutting, and heat treating of various metals with real world applications of mathematical concepts. Basic operation and safety involved in the use of the machines and basic hand tools will be stressed. This course should be a must to perspective engineers, architects, industrial designers, tool & die designers, mechanics, or anyone pursuing math related fields of study. Students will also have the opportunity to work with a new state of the art PlasmaCam system and Design Edge drawing program.

#6441 Sheet Metal

Elective for Grades 9-12

½ Credit

Fee: \$15

This semester course is designed to teach project planning development and basic hand-machine tool skills. Pattern development, making projects, fundamental metals, working hand-machine tool skills, and some welding are included. A tool box and at least one (1) additional project are required. Sheet metal technology is a class that places a lot of emphasis on geometric construction. Many fine jobs are available in the fields of architecture, engineering, construction, heating & cooling, automotive, drafting, or designing. Students will also have the opportunity to work with a new state of the art PlasmaCam system and Design Edge drawing program.

HEALTH/PHYSICAL EDUCATION DEPARTMENT

#8501 Physical Education Semester course ¼ Credit
Required for Grades 9/10 Fee: None

Physical Education is a combination of team and individual sports with an emphasis on “carry-over activities. It consists of sports such as: badminton, basketball, volleyball, soccer, physical fitness, football, ping pong, whiffleball, dodge ball, kickball, etc. Grades are based on participation and periodic written and skills tests. Personal cleanliness and neatness are also stressed.

#8601 Advanced Conditioning Semester course ½ credit
Pre-Requisite: None Fee: None

This course is designed to instruct and equip today’s athlete with the tools necessary to function, compete and thrive in the arena that is sport and fitness. These tools include weight training, station work, cardio-specifics as well as several other training methods. The student-athlete should be aware that marks will be given for effort, progress and form as well as periodic written assessments on a high level of comprehension.

#8701 Physical Education Waiver

Students who participate in interscholastic athletics, marching band or cheerleading for at least two (2) seasons can receive this waiver instead of participating in a Physical Education course.

#8421 Health Semester course ½ Credit
Required for Grade 9 Fee: None

The course content is designed to prepare our young people for the decisions they will face in the future and for recognition of the importance of those decisions. To meet this goal, the student will become acquainted with several media sources and a wealth of new information in order to find answers to their many questions. They are encouraged to express themselves both verbally and in writing on a high level of comprehension. Thus, the assignments are designed to help introduce fresh material, help student make decisions, recognize dangerous situations and know the consequences of their actions. Many community organizations offer programs to reinforce prevention of the problems that face our young people.

MUSIC DEPARTMENT

#944 Claymont Chamber Choir

Elective for 10-12

1 credit

Fee: \$10.00

The Chamber Choir is an auditioned choral ensemble open to students who meet specific musical and behavioral standards. Students rehearse and perform a variety of repertoire showcased in four concerts throughout the year as well as multiple performances outside the school day (performance schedule will be provided). **All performances are required and will count for a grade** including the extra performances. Students must demonstrate growth through each quarter in vocal technique, ensemble and sight-reading skills, musicianship skills, and will be graded on participation and engagement in the course. Participation in the chamber choir requires the highest level of student proficiency in musicianship/singing skills.

#941 Men's Chorale

Elective for 9-12

1 Credit

Fee: \$10.00

The Men's Chorale is a male chorus open to any male wanting to participate. Students rehearse and perform a variety of repertoire showcased in four concerts throughout the year. **All performances are required and will count for a grade.** Students must demonstrate growth through each quarter in vocal technique, ensemble and sight-reading skills, musicianship skills, and will be graded on participation and engagement in the course. This course is considered a prerequisite for concert choir.

#942 Women's Chorale

Elective for 9-12

1 Credit

Fee: \$10.00

The Women's Chorale is a male chorus open to any male wanting to participate. Students rehearse and perform a variety of repertoire showcased in four concerts throughout the year. **All performances are required and will count for a grade.** Students must demonstrate growth through each quarter in vocal technique, ensemble and sight-reading skills, musicianship skills, and will be graded on participation and engagement in the course. This course is considered a prerequisite for concert choir.

#943 Concert Choir

Elective for Grades 9-10

1 Credit

Fee: \$10.00

The Concert Choir is a mixed chorus open to students with at least one year of high school choir as a prerequisite for this course. Students rehearse and perform a variety of repertoire showcased in four concerts throughout the year. **All performances are required and will count for a grade.** Students must demonstrate growth through each quarter in vocal technique, ensemble and sight-reading skills, musicianship skills, and will be grades on participation and engagement in the course. Participation in the concert choir requires a higher level of student proficiency in musicianship/singing skills.

#940 Instrumental Music
Elective for Grades 9-12

1 Credit
Fee: None

Instrumental Music aims to teach the student the intellectual, emotional, and entertaining sides of music through active performance opportunities. The first nine weeks is dedicated to the Marching Band, the most visible ambassador of the band program. Marching Band is **REQUIRED** of all students in Instrumental Music, with the exception of those who are in a fall sport. They need to discuss their situations with the band director after registration. The Marching Band performs at several parades and band shows each fall. The Concert Band is the focus of the rest of the year. The Concert Band gives at least two concerts annually, and it is a group known for self-discipline, pride, and a passion for music.

LIFE SKILLS DEPARTMENT

Life Skills classes are designed to be part of a functional curriculum. All classes will be individually based, and goals and objectives will be varied, based on student ability levels.

#326 Life Skills Math

1 Credit

Fee: None

This course will introduce and reinforce independent living skills and is designed for students who have multiple challenges. It is designed to focus on basic mathematical computations, including: addition, subtraction, multiplication, and division (as it applies to daily life situations). Students will also learn measurement for functional use, money skills, shopping skills, and understanding time and its usage. Some students may also move on to banking, check writing, etc. based on ability levels.

#036 Life Skills English

1 Credit

Fee: None

This course will introduce and reinforce independent living skills while continuing to work on comprehension improvement. We will focus on use of reference books, materials such as cookbooks and telephone books, using order forms, filling out applications and using personal information when necessary, as well as understanding environmental print and safety signs. Basic letter writing and using technology for a purpose will also be taught.

#236 Life Skills Science

1 Credit

Fee: None

This course is designed for students who have multiple needs and will introduce and reinforce independent living skills. The focus will be on personal safety when dealing with emergency situations, weather, seasons, using electricity, everyday energy, classifying and sorting materials according to properties, and combining two or more materials to create a new material, as well as various other science related issues. Emphasis is placed on the transfer of information to home safety and independent living.

#126 Life Skills Social Studies

1 Credit

Fee: None

This course is designed for students who have multiple needs and will introduce and reinforce independent living skills. This course will focus on our community, area resources, our immediate environment and getting our way around our environment using maps. This course is designed to meet the graduation requirements included in the four (4) social studies credits beginning with the class of 2005, which includes Integrated Studies, World Geography or History, American History, and American Government.

#8461 Life Skills Health

½ Credit

Fee: None

This course is designed to help students with multiple needs learn about their bodies, healthy living and diet, as well as the importance of personal hygiene. We will emphasize making educated decisions about ourselves and health-related issues.

TECH PREP INFORMATION TECHNOLOGY ON INTERACTIVE MEDIA (CCP Required)

PRE-REQUISITES: Earn at least a C in Algebra I, with a 2.5 cum.
 GPA for all subjects Have a positive attendance record
 Earn the credits to be in line for graduation
 Application and interview — approved by teachers

FEE: \$50 2 year program

SUGGESTED HIGH SCHOOL COURSEWORK

9TH	10TH	11TH	12 TH
Eng. 9R/9E	Eng. 10R/10E	Eng. 11R/11E	Eng. 12R/12E
Alg. I or Geom.	Alg. II or Geom.	Alg. II /Trig	Trig./Trans.
Physical	Bio 1	Chem./Env. Sci.	Math/Calc
Science	American	Psych or Elective	Chem./Phys./A&P
Int. History	History	Tech Prep Elect.	Government
Health/PE	PE/Computer		Tech Prep Elect.

LEADS TO HIGHER EDUCATIONAL OFFERINGS (WITH SCHOLARSHIP!!!)

KSU — Tuscarawas Campus
 Associate of Applied Science in Computer Design and Animation Engineering Tech
 Associate of Applied business in Computer Tech

SAMPLE EMPLOYMENT

OPORTUNITIES:

Graphic Designer
 Web Designer
 Audio/Visual Specialist
 Animator
 Video Production/Editor

BACHELOR DEGREE OPTIONS

Computer Information Systems
 Visual Communication Designer
 Computer Science

COURSES INCLUDED IN TECH PREP I AND II

Information Technology Basics	
Operating Systems	Photography (dual enrollment)
Web Site Development & Design	Visual Media Design (dual enrollment)
Web Graphics and Animation	Video Production (dual enrollment)
Multimedia and Game Design (dual offer)	Audio Production (dual enrollment)
Software Systems Management	Business Processes for IT Professionals
Programing Theory	Interactive Media Production (dual enrollment)
Graphic Design Fundamentals	

Claymont High School is fortunate to have the technology equipment that matches the collegiate level and to be able to offer a Tech Prep Program which leads to college scholarships and a great career! This is a fantastic opportunity for our students to pursue.

Students who decide to take Tech Prep will have the opportunity to earn up to 18 college credits transferable to any college or university. This is provided by Stark State College and funded by Claymont City Schools.

COLLEGE CREDIT PLUS (CCP) INFORMATION

Claymont City Schools recognizes the College Credit Plus program as an educational option to permit high school students to enroll in approved colleges and universities, on a full or part-time basis, and complete courses for high school and college credit. Students are limited to 30 semester hours in 1 year and 120 semester hours total.

The method for granting credit for individual courses will be guided by the following:

<u>Semester Hours</u>	<u>Carnegie Units</u>
1 semester hour	.33 credits
2 semester hours	.66 credits
3+ semester hours	1.0 credit

Students participating in this program must meet attending university's admission requirements, including but not limited to, application deadlines. Additionally, the students/parents must inform the school district of their intent to participate in the program by April 1st of the current school year.

Prior to beginning college courses, the student and parent/guardian must meet with a guidance counselor and complete a College Credit Plus Intent to Participate Contract (available in the Guidance Office). This contract must be completed and signed by April 1st of the school year preceding the enrollment into the CCP program.

Full-time College Credit Plus students must carry at least 12 hours of course work each term to be considered full-time.



College Credit Plus Pathways

Students participating in College Credit Plus select course(s) to be taken after consultation with both their high school counselor and their Kent State University academic advisor. Course enrollment may be determined by placement recommendations, course prerequisites, academic goals, high school graduation requirements, intended college major, and course availability.

The 15 and 30 credit hour Pathways below represent a sample of courses that may be taken by a typical full-time, first year college student. CCP students may select from courses that are not part of the 15 and 30 credit hour Pathways and are not required to attend Kent State University full time. They are limited to no more than 16 credit hours per semester and no more than 30 credit hours per academic year. Students should refer to the Kent State University Roadmaps available online at:

<http://solutions.kent.edu/GPS/ROADMAP/browse/ug/all> as a guide to the Kent CORE and additional required courses for a specific major or degree program of interest to them.

15 Credit Hour Pathway

Kent State University Course Name & Number	Course Prerequisite	College Credits
ENG 11011 - College Writing I	Placement	3
Kent CORE Mathematics or Critical Reasoning Course	See Catalog	3-5
Kent CORE Humanities or Fine Arts Course		3
Kent CORE Social Science Course		3
Kent CORE Basic Science Course	See Catalog	3-5
		Total Credits: 14-16 maximum per semester

30 Credit Hour Pathway (includes 15 Credit Hour Pathway above)

Kent State University Course Name & Number	Course Prerequisite	College Credits
Kent CORE English course	See Catalog	3
Kent CORE Mathematics or Critical Reasoning Course	See Catalog	3-5
Kent CORE Humanities or Fine Arts Course		3
Kent CORE Social Science Course		3
Kent CORE Basic Science Course	See Catalog	3-5
		Total Credits: 14-16 maximum per semester