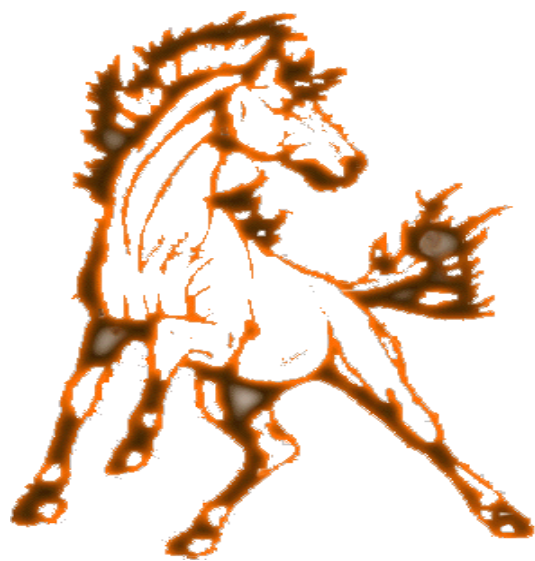


CLAYMONT HIGH SCHOOL



COURSE OFFERINGS BOOK 2018-2019

CLAYMONT

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HIGH



SCHOOL

Lisa Brown, Principal
Drew Meister, Asst. Principal

www.claymontschools.org

Dear Mustang Parent and Student,

Welcome to your course offerings book! This booklet will help guide your journey through the academic path you will pursue at Claymont High School. I would like to thank you for taking part in one of the most important exercises of your child's high school career, that of course selection for the upcoming year.

Selecting the proper courses in high school is the first step in preparing for the future, whether that future is college, technical school, the armed services, or direct entry into the world of work.

Course selection also has important implications for the operation of CHS, as the courses selected by the students at this time will determine what classes are offered, faculty needs, and the number of class sections for the next school year.

Such an important decision is best made by parents, students and CHS faculty working together to select the proper courses. We ask that you review this document with your son or daughter and together choose the courses that are best suited for his/her future plans.

If you have any questions about the registration process, please feel free to contact the guidance office at 740-922-3471.

Freshman/Sophomore Counselor- Mrs. Vonda Garabrandt

Junior/Senior Counselor- Mrs. Lauren Castello

Sincerely,

Lisa Brown

Lisa Brown
Principal

Section 1: The Scheduling Process

Process/Procedures.....	3
Timeline	4
Scheduling to Meet Goals	5
Schedule Changes	5

Section 2: Curriculum Opportunities

Graduation Requirements	6
Post High School Plan	8
Suggested Graduation Pathways.....	9
Career Pathways Electives List	12
Grade Scales.....	13
Honor Roll.....	14
GPA.....	15
Grade Assignment.....	16
On-line Credit Recovery	16
Advanced work prior to 9th grade	17
Diploma with Honors	17
Buckeye Career Center	18
College Credit Plus.....	18
Athletic Eligibility	20

Section 3: NLHS Academic Honors

National Honor Society	21
Top Ten	21
Valedictorian/Salutatorian	21
Academic Letter.....	21

Section 4: Course Descriptions

English Language Arts	21
Modern Languages	26
Visual Arts.....	28
Music & Performing Arts.....	29
Mathematics	30
Physical Education & Health	34
Science	37
Social Studies	42
Business/Technology	44
Industrial Technology.....	47
Agricultural & Environmental Systems.....	50
Other.....	50

Section 1: The Scheduling Process

- A. Scheduling Process/Procedures
1. Read all the information in this handbook completely.
 2. Read the course descriptions, which tell you about each course offered.
 3. Each student will complete a course request form with the assistance of a parent/guardian.
 4. Students will then finalize their course request form with the assistance of a faculty member.
 5. There are eight periods in a day and you must register for **a minimum of seven** courses.
 - a. If you elect to take a Study Hall, you can only sign up for one per semester.
A1 : If you meet the requirements for early out and choose to take it this will count as your 1 Study hall
A2: Those students enrolled in a double block science class will have a study hall two/three days a week, this will count as your registered study hall
 - b. If you register for a double block science class, you must register for **a minimum of six courses.**
 6. All Students will be enrolled in a 30-minute academic advising period and a 30-minute study hall. **(It is important to note that schedules may change due to staffing and or state requirements)**
 7. Students may choose up to two alternative electives they are interested in. They will indicate order of preference on their selection sheet. **(Every effort will be made to enroll the student in the courses they selected, however, it is important to note that selection of a course does not guarantee enrollment within the course)**
 - a. If a student **does not** select the required number of courses to fill their **schedule courses will be selected** for them.
 - b. If the courses selected by the student conflicts with required core courses the student will be given an opportunity to select from courses available during the time periods they have open.
 8. Upon completion of meeting with a faculty member, the student will leave with a copy of their approved courses, plus two alternative courses, that they will be enrolled in.

*** It is important to note that schedules may change due to student enrollment and credits earned. Therefore, students will receive a copy of their schedule in August, which may be different from the schedule they create in the spring.**

***Students should realize that not all courses described in this booklet may be taught during the upcoming school year. The specific non-required courses that will be available will be determined by student requests and staff availability. Every effort will be made to meet the needs of the greatest number of students. Adjustments to the final course offerings are often needed once information from the previous year and information about the upcoming year is obtained. If it becomes**

necessary students will be afforded the opportunity to meet with the guidance department in August and their options outlined. Students may be asked to select alternative electives in order to ensure a complete schedule.

B. Scheduling Timeline

	Approximate Time-Line	How Determined	Responsibility
Gather Data	January	Courses selected by each student	Student, Parent
Verification of Student Request (accuracy check)	January-February	Each student will meet with Faculty to verify course request	Student, Counselors, Faculty, Administration
** Create Sections	February-March	Numbers of student request totaled and sections created	Administration, Office Staff
Create Master schedule	March-April	Number of sections created for each course based on teacher availability and student request	Administration
Create Student Schedule	April-May	Student schedules built based on course request, teacher availability and master schedule	Administration, Office Staff
***Schedule Conflicts Corrected	May-August	Master schedule reviewed, classes balanced, conflicts resolved, classes adjusted as needed, student schedules adjusted as needed	Administration, Office Staff, Counselors

*This step determines how many requests there are for each course.

**This step takes the number of requests for each course and converts those numbers into the number of sections that will be taught. Some courses may have to be dropped from the planned schedule at this time due to student interest.

***Courses may be in conflict with one another and sections may need to be balanced. Alternate courses may have to be used at this time. Student's may need to meet with counselors to make alternate course selections.

C. Scheduling to Meet Goals

High school is the educational “road map” to your future. Select courses that take you to your destination. Think about where you want to be after high school – work, military, college, etc. Set goals and use this guide as a learning tool. Please read this course description book! Consider the following when selecting courses:

1. Interest – What do you like? (Check out www.OhioMeansJobs.com if you're not sure.)
2. Ability – What you can do well?
3. Realism – Do your current grades/effort support your choice?
4. Teachers – Consider recommendations and the guidance of your teachers.

D. Schedule Changes

Extensive effort is made by your high school teachers, counselors, and administrators to ensure that you have chosen and received the best possible course schedule. Based on course selections made by students in the spring, a master schedule is created, and teachers and students are assigned to classes so that class enrollments are as balanced as possible. Consequently, when our school year starts in August, student initiated schedule changes will only be approved by counselors and administrators *on a very limited basis*, and requests must be made within the first five days of beginning a course. Schedule changes after the school year has started only detract from the balance created in the high school's master schedule. Your cooperation in establishing and maintaining a healthy academic program is expected.

The following are *some* of the reasons why a schedule change *may be approved*: a student was placed in a course that they have already passed, a student was placed in a course out of sequence (i.e. Algebra II before Algebra I), a student is missing a course required for graduation, a student was placed in an inappropriate level (i.e., assigned to enriched, but course should have been regular ed.), a student must rearrange their high school courses due to a College Credit Plus scheduling conflict, or a placement change is needed and directed by a school official (i.e., teacher, administrator, or counselor).

Schedule changes *will NOT be approved* for the following reasons: a student desires a different teacher, a student desires a different lunch shift, a student desires the same class but in a different period, or a student requested a course, received it, and is now no longer interested in it. Again, please put thought and consideration into the courses that you are requesting.

Problem Solving Process:

Occasionally, issues will arise for a student in a class. The following process is in place to avoid making changes to student schedules. If all options have been exhausted, school administration can decide to change a schedule.

All of the following criteria must be met before a schedule change will be considered:

1. Student/parents meet with teachers to express concerns about the course.
2. Students/parents formulate a plan with teachers to help student be successful in the course.

With approximately 600 students in grades 9-12, a general guide such as this cannot address all of the individual situations and concerns that may arise. Therefore, administration can make changes in extreme

cases and on an individual basis depending on the facts surrounding the student's need for a change. If you have any questions about your own choices, we encourage you to check with the counselor assigned to you. It is our wish that you obtain the best education possible during your high school years. Making good choices in your schedule plays a big part in making that wish come true.

Section 2: Curriculum Opportunities

A. Graduation Requirements

To meet the requirements for graduation, a student must successfully pass a minimum of twenty-one (21) credits and meet state testing requirements listed below.. 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 World History and Civilization (½ credit Required for all students entering High School on or after July 1 2017). American Government
Science	3 Credits Physical Science Biology Advance Science
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)
Other	Personal Finance (½ credit) may be counted as a S.S. requirement for those students entering High School before July 1 2017.
Electives	At least 5 credits of various electives

*College Credit Plus students must have at least one semester of American Literature combined with an English writing class to count as English 11, and one semester of British or European Literature combined with another English writing course to count towards English 12, OR the equivalent of these courses as approved by the guidance counselor and principal. To count as a Claymont credit in Science, classes must include labs and be scientific in nature, similar to our own Biology, Chemistry and Physics classes.

* *College Credit Plus students will only be considered full-time for CHS IF they are taking 15 credit hours per semester at college. A combination of courses would use the formula of 3 credit hours at college counting as 1 semester course at CHS. For example, 12 credit hours at college PLUS 1 course at CHS would equal 15 credit hours. Physical education will not be included in that formula. Between the two schools, a minimum of 5 classes per semester/quarter must be scheduled.

***CHS PE Exemption Policy The Claymont Board of Education adopted a policy to excuse a student from the high school Physical Education graduation requirement if, during high school, the student has participated in interscholastic athletics, marching band, or cheerleading for at least two full seasons. These policies are governed by rulings from the State Department of Education. Please see the Guidance Office for further information.

Additional Graduation Requirements

The Ohio Department of Education continues to update graduation requirements on their website. Please go to the following website for the latest information:

<http://education.ohio.gov/Topics/What-s-Happening-with-Ohio-s-GraduationRequirement>

Overall Graduation Points:

Students will earn points toward graduation on seven end-of-course exams. These exams will replace the Ohio Graduation Tests.

The courses in which students take an end-of-course exam will be:

English I and II

Algebra I and Geometry

Biology

American History and American Government.

Students can earn from 1-5 points for each exam, based on their performance:

5 – Advanced

4 – Accelerated

3 – Proficient

2 – Basic

1 – Limited

Students will need 18 total points to graduate under this option, with the minimum number needed in each area:

English - 4 points

Mathematics - 4 points

Science and Social Studies - 6 points

All students must also meet one of the following:

1. Earn a cumulative passing score on seven end-of-course exams. The scores will be set by the State Board of Education.
2. Earn a “remediation-free” score on a nationally recognized college admission exam such as ACT or SAT.
3. Earn a State Board of Education-approved, industry-recognized credential or a state-issued license for practice in a career and achieve a score that demonstrates workforce readiness and employability on a job skills assessment.

B. Post High School Plan

The most important question to be answered is “Where do I plan to be after high school?” Will I be working, in a two-year college, in a four-year college, in a technical school, or in the military? Use this chart, the suggested graduation paths charts and the potential Career Pathways Elective List on the following pages to guide you in your course selections.

PLAN	EXPLANATION	H.S. CURRICULUM	OTHER
Enter the Work Force	Find/continue a job after graduation	Completion of graduation requirements/H.S. diploma. Follow pre-vocational, vocational, pathway curriculum or basic curriculum.	Claymont Curriculum BCC
Apprenticeship	On the job training. Some career positions offer or require an apprenticeship (ie.. skilled trades such as masonry, carpentry, electrician etc..)	Completion of graduation requirements/H.S. diploma. Follow pre-vocational, vocational, pathway curriculum or basic curriculum.	Claymont Curriculum BCC
Military	Learn a skill while serving your country in any branch of the service	Completion of graduation requirements/H.S. diploma. Follow pre-vocational, vocational, pathway curriculum or basic curriculum.	Claymont Curriculum BCC ASVAB
Tech. School	Ranges in length depending on school/program: Typically 2 years or less	Completion of graduation requirements/H.S. diploma. Follow pre-vocational,	Claymont Curriculum BCC ACT or SAT may be required CCP course work

		vocational, pathway curriculum or basic curriculum.	
Two Year College	Usually results in an Associates degree or certification within a field	Completion of graduation requirements/H.S. diploma. Follow pre-vocational, vocational, pathway curriculum or college preparatory curriculum	Claymont Curriculum BCC ACT or SAT may be required CCP course work
Four Year College	Usually results in a Bachelor's degree in a specific career area.	Completion of graduation requirements/H.S. diploma. Follow 4-year college preparatory curriculum. Core/Enriched/Potential pathway electives.	Claymont Curriculum ACT or SAT CCP course work

Below you will find tables that will help you with course planning. These are only guides to assist you in reaching your post High School Goal.

C. Suggested Graduation Pathways

1. Determine a post High School Goal
2. Look at potential career pathways offered at both the High School and BCC

This is a **suggested** 4-year schedule to fulfill graduation requirements and prepare for: Entering the workforce, apprenticeship, military, technical or 2-year college

9th Grade		10th grade	
<u>English</u> English 9	Required Full year course: 1 credit	<u>English</u> English 10	Required Full year course: 1 credit
<u>Math</u> Pre-Algebra Algebra I Applied Algebra	Required Full year course: 1 credit	<u>Math</u> Algebra 1 Algebra 2 Applications of Algebra and Geometry	Required Full year course: 1 credit
<u>Science</u> Physical Science	Required Full year course: 1 credit	<u>Science</u> Biology	Required Full year course: 1 credit
<u>S.S.</u>	Required Full year	<u>S.S.</u>	Required Full year

Integrated Social studies	course: 1 credit	American History	course: 1 credit
<u>Health</u>	Semester course	<u>P.E. or Fitness Evaluation &</u> must have a total of ½ credit for graduation	P.E. Semester course: ¼ credit Evaluation & Assessment Semester course: ½ credit
<u>P.E. or Fitness Evaluation & Assessment</u>	P.E. Semester course: ¼ credit Evaluation & Assessment Semester course: ½ credit	World Civ.	Required Semester course: ½ credit
<u>Freshman Focus</u>	Required for all Freshman	Academic Advising	Required for all Students
Electives		Electives	
11th		12th	
<u>English</u> English 11	Required Full year course: 1 credit	<u>English</u> English 12	Required Full year course: 1 credit
<u>Math</u> Geometry Applied Geometry	Required Full year course: 1 credit	<u>Math</u> Algebra 2 Trigonometry/pre-Calculus Applied Algebra 2	Required Full year course: 1 credit
<u>Science</u> Earth's Resources Biology 2 Chemistry Anatomy/Physiology	Required Full year course: 1 credit	<u>Electives</u>	Required Full year course: 1 credit
<u>Government</u>	Required Full year course: 1 credit	<u>Academic Advising</u>	Required For All Students
<u>Personal Finance</u>	Required Semester Course: ½ credit		
<u>Electives</u>			
<u>Academic Advising</u>	Required For All Students		

This is a **suggested** 4-year schedule to fulfill graduation requirements and prepare for: 4-year college

9th Grade		10th grade	
<u>English</u> English 9 R English 9 E	Required Full year course: 1 credit	<u>English</u> English 10 R English 10 E	Required Full year course: 1 credit
<u>Math</u> Algebra I R Algebra I E	Required Full year course: 1 credit	<u>Math</u> Algebra 2 R Algebra 2 E	Required Full year course: 1 credit
<u>Science</u> Physical Science R Physical Science E	Required Full year course: 1 credit	<u>Science</u> Biology R Biology E AP Biology	Required Full year course: 1 credit
<u>S.S.</u> Integrated Social studies	Required Full year course: 1 credit	<u>S.S.</u> American History	Required Full year course: 1 credit
<u>Health</u>	Semester course	<u>P.E. or Fitness Evaluation &</u> must have a total of ½ credit for graduation	P.E. Semester course: ¼ credit Evaluation & Assessment Semester course: ½ credit
<u>P.E. or Fitness Evaluation & Assessment</u>	P.E. Semester course: ¼ credit Evaluation & Assessment Semester course: ½ credit	World Civ.	Required Semester course: ½ credit
<u>Freshman Focus</u>	Required for all Freshman	Academic Advising	Required for all Students
Electives Fine Art Foreign Language		Electives Foreign Language	
11th		12th	
<u>English</u> English 11R English 11 E	Required Full year course: 1 credit	<u>English</u> English 12 R English 12 E	Required Full year course: 1 credit
<u>Math</u> Geometry R Geometry E	Required Full year course: 1 credit	<u>Math</u> Calculus College Math	Required Full year course: 1 credit

<u>Science</u> Chemistry R Chemistry E AP Chemistry	Required Full year course: 1 credit	<u>Electives</u> Physics	
<u>Government</u>	Required Full year course: 1 credit	<u>Academic Advising</u>	Required For All Students
<u>Personal Finace</u>	Required Semester Course: ½ credit		
<u>Electives</u>			
<u>Academic Advising</u>	Required For All Students		

D. Career Pathways Electives List

The following are potential career pathways for which CHS has electives that will support the student's knowledge within that career path. When students choose an elective they should consider long term goals and interest. These are just examples and are not an exclusive list but rather suggestions.

1. Agricultural and environmental Systems Pathway: Careers in animal and crop production, agricultural services and engineering, food processing, horticulture, natural resource management, environmental services, agricultural and environmental education, communications and research.

Agriculture, Food and Natural Resources

Animal and Plant Biotechnology

Business Management for Agricultural and Environmental Systems

Environmental science for Agriculture and Natural Resources

2. Business and Administrative services and Marketing: Careers in business management, administrative support, human resources, business administration, legal management and medical management.

Accounting

Business Law

Entrepreneurship

Intro to Business

Tech. Prep.

Video Editing

Creative Writing

Novel Writing

3. Construction Technology and skilled Trades

Mechanical Drawing

Principals of Wood

Wood Technology

Wood Technology Capstone

Machine Technology

Sheet Metal

4. Engineering: careers in services related to electrical and industrial engineering, materials science, fuel cell technology and robotics.

PLTW Principals of Engineering

PLTW Introduction to Engineering Design

5. Health Science Pathway: Technical and professional level careers in planning, managing and providing therapeutic services, diagnostic services, health informatics, support services and biotechnology research and development. This includes careers such as Exercise Science and Sports Medicine, Medical Bioscience, Health information, Nursing, Physical Therapy, all Medical and Health related careers. Electives that may assist with this path include:

Nutrition and Wellness

Fitness Evaluation and Assessment

Athletic Injuries and Prevention

Organic Chemistry and Medical Terminology

Human Anatomy and Physiology

Genetics

Nuerosciene

Psychology

6. Information Technology: Technical and professional level careers in the design, development, support and management of hardware, software, multimedia and systems integration services.

*Tech. Prep**Video Editing*

Web Design

PLTW Computer Science for Innovators and Makers

PLTW Computer Science Essentials

7. Law and Public Safety: Technical and professional level careers in judicial, legal, public administration, public safety and protective services and homeland security

Speech

Mock Trial

Reading for Relevance

Creatie Writing

Noval Writing

Business Law

E. Grading

Weighted Grades

The policy adopted by the Board of Education in January, 2007 is:

1. 1. ALL AP classes taught at the high school will have weights of 5.0 for A, 4.0 for B, etc.
2. Upper level courses taught at the high school, such as but not limited to Physics, Anatomy, Chemistry E, Biology E, Trigonometry, Foreign languages in years III & IV and enriched English will be weighted on a 4.5 system.
3. College Credit Plus classes will be weighted on the same scale as the Claymont course they are equivalent to.

* 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 as follows:

A=5.00

B=4.00

C=3.00

D=2.00

F=0

Upper level courses may be weighted as follows:

A=4.5

B=3.5

C=2.5

D=1.50

F=0

Course Load

1. **Each** student is required to enroll in no fewer than six (6) credits per year (requirements are listed on page 3). **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. (requirements are listed on page 3)
3. Students are expected to be in school the full school day.

F. 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."

G. GPA

Method of Determining Grade Point Average

A student's Grade Point Average (GPA) is determined by converting letter grades to the numerical value assigned to these grades (see chart) then adding these points to determine a total point value. The next step is to determine the total number of credits associated with the converted grades. Dividing the total point value by the total number of credits will provide the student's GPA.

EXAMPLE of GPA CALCULATION

Subject	Grade	GPA Points	Credits
Chemistry	B	3.0	1.0
AP English Language & Composition	B	4.0	1.0
Trigonometry	A	4.5	1.0
Choir	A	4.0	1.0

American Government	B	3.0	1.0
Spanish III	A	4.5	1.0
Ceramics	A	4.0	1.0
Totals		27.0	7.0
GPA Points Earned divided by credits earned Example:		27.0/7.0	
GPA:		3.86	

H. Grade Assignment

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

I. On-line Classes

Claymont High School does offer online courses as an alternative to the traditional educational setting, as a credit recovery option or as a method to obtain classes necessary to graduate that will not coincide with a student's schedule due to CCP course work. Peak is the online program utilized by CHS. Each student is considered on an individual basis for this program and is subject to approval by CHS guidance and administration. There are academic and attendance requirements to be placed on this program and students may be denied or required to return to the traditional setting if certain qualifications are not met by the student.

J. Advanced work prior to 9th grade

Currently students can earn credits toward graduation requirements prior to entering Claymont High School if:

1. The class is taught by a person who possesses an Ohio Educator's License or Teaching Certificate that is valid for teaching high school
2. The district board of education has determined the class as meeting the high school curriculum requirements

Presently, students may earn credits in English, Math and Science prior to entering CHS.

K. Diploma with Honors

Claymont High School

Beginning with the Class of 2011, 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; If a student is taking post-secondary courses, he must have American and British Lit in the mix with writing courses.
1. 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;
1. Four units of science, including one unit of physics and one unit of chemistry; these must be science content classes with labs;
1. Four units of social studies;
2. Three units of one foreign language or two units each of two foreign languages;
3. One unit of fine arts;
4. 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;
1. 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 (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)

L. Buckeye Career Center

Students have the option of attending Buckeye Career Center (BCC) Throughout their Junior and Senior years. Students have two options:

1. Full Time at BCC-Students will take all course at BCC
2. Part Time at BCC-Students will take labs at BCC and return to Claymont for half the day to take core classes (English, Math, Science, S.S.)

Under both options students remain Claymont High School Students. If a student decides to attend BCC, they will be involved in intensive training in a selected program. Upon graduation, students enter the workforce with a skill they have learned in their chosen lab, they may continue their education, or enlist in the military. There are academic, behavioral and attendance requirements to be accepted into BCC. If you are interested in going to the career center please start talking with your guidance counselor as early as your Freshman year.

M. College Credit Plus

Students who qualify will have the option to participate in College Credit Plus. Qualifying students may take college-level coursework while still in high school and earn both high school credit and college credit simultaneously. To qualify, students must:

1. Attend a College Credit Plus orientation meeting given by the guidance counselors the school year prior to applying for admission to a college and signing up for college-level courses. Both the student and their parent(s) must attend this meeting together.
2. Complete a College Credit Plus application to the college/university of their choosing.
3. Meet the qualifications for acceptance to their chosen college/university (this may vary from institution to institution).

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 and Number	Course Prerequisite	College Credits
Eng 11011 College Writing 1	Placement	3
Kent Core Mathematics or Critical Reasoning Course	See Catalog	3-5
Kent Core Humanities of 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 the 15 Credit Hour Pathway above)

Kent State University Course Name and 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 of 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

N. Athletic Eligibility

NCAA Eligibility

Any student needing to be certified by the clearinghouse is encouraged to read the NCAA Initial Eligibility Clearinghouse brochure titled: "Making Sure You Are Eligible to Participate in College Sports" available at www.NCAA.org. See the Athletic Director for more details.

Claymont School Eligibility

The following scholarship requirements will be required for all athletes and cheerleaders who participate in interscholastic athletics. These are established by the Ohio High School Athletic Association and may be changed by them at any time.

1. In order to be eligible in grades 9-12, a student must be currently enrolled and must have been enrolled in school the immediate preceding grading period. During the preceding grading period, the student must have received passing grades in a minimum of five (5) one-credit courses or the equivalent, which count toward graduation.

2. The eligibility or ineligibility of a student continues until the start of the fifth school day of the next grading period, at which time the grades from the immediate preceding grading period become effective. EXCEPTION: Eligibility or ineligibility for the first grading period commences with the start of the fall sports practice season.

3. A student enrolled in the first grading period after advancement from the eighth grade must have passed 75% of those subjects carried the preceding grading period in which the student was enrolled. 2 4. Students may enroll in and attend any member school that accepts them if they are entering grades 9, 10, 11 or 12. The student-athlete's eligibility shall be established by one of two situations:

(A) participating in a contest (scrimmage, preview or regular season contest) prior to the opening day of a school, or

(B) attending the first day of school at any member school. Once eligibility has been established at a member school, the student will be ineligible for athletic purposes for one year should he or she transfer to another school unless one of the exceptions to the transfer bylaw is met. Exceptions are (A) if the parents or legal guardian change residence from one public school district to another; (B) if the superintendents of both districts enter into a written agreement in order to protect the student's physical and mental well-being (and the agreement is approved by the OHSAA Commissioner); (C) if a school closes, and (D) if a student transfers to the State School for the Blind or State School for the Deaf. 5. Summer school grades earned may not be used to substitute for failing grades from the last grading period of the regular school year. 6. Tutoring or examinations to complete the preceding grading period requirements is permissible provided the inability to complete the required work on time is due to illness or accident verified by a physician and the procedure applies to all students in the school. 7. The Commissioner may waive the requirement of preceding grading period enrollment if a student has been withdrawn or removed from school because of circumstances due to personal accident, illness, or family hardship. The principal or the official designee (Athletic Director) of the school shall appeal in writing to the Commissioner. The appeal shall contain documents with school and medical supporting evidence. The decision of the Commissioner may be appealed to the Board of Control. In addition to the rules established by the Ohio High School Athletic Association, Claymont High School requires that in order to be eligible for athletics, a student: 1. Students must maintain at least a 1.50 grade point average prior to the beginning of each competitive season and maintain it throughout. 2. Must be passing FIVE credits each semester.

Section 3: NHS Academic Honors

A. National Honor Society

By maintaining a 3.5 G.P.A., you are eligible for possible selection into the Claymont National Honor Society. The Claymont National Honor Society guidelines also require its members to meet criteria related to Character, Leadership, and Service. If you would like to be considered for possible selection into this chapter

B. Top Ten

The top 10% of the class will be determined after the 7th full semester of the students high school career.

C. Valedictorian/Salutatorian

The Valedictorian and Salutatorian will be determined by the guidance department and will be based off of the student's cumulative GPA after the completion of the students 7th full semester of their high school career.

D. Academic Letters

1. 96% Attendance
2. Maintain a 3.5 GPA or higher for three 9 weeks
3. Receive no grade below a C
4. No ISS or OSS

Section 4: Course Offerings

A. English

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

#036 Life Skills English

1 Credit

PRE-REQUISITE: 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.

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.

#040A/B English 9R

1 Credit

Required for graduation

Fee: None

PRE-REQUISITE: None

This course is for students who are proficient in reading and writing. The students will learn the elements of writing and begin analyzing literature in a more mature manner. Poetry, drama, and short stories will be discussed with much of the literature coming from both fiction and non-fiction selections. Students should be prepared for both written and oral reports and essays in this course.

#041A/B W English 9E

1 Credit

Required for graduation: *weighted class*

Fee: None

PRE-REQUISITE: Counselor/Teacher Recommendation/proficient or higher on standardized test scores

Students MUST be recommended by 8th grade teachers in order to enroll in this class, as it is for the student with good work ethics and great attendance. This course is for students who have already mastered the basic grammar and sentence patterns. Areas of study that are stressed including vocabulary development, reading and writing skills, and analyzing literature. Students are taught to organize their thoughts and express themselves clearly. Literature study involves all major types of literature, with emphasis on short stories and novels. Independent reading and reading logs are required. Students will be involved in a variety of writing assignments: oral and written book reports, literary analysis papers, and journal writing. Assignments and projects will involve higher level thinking skills.

#050A/B English 10R

1 Credit

Required for graduation

Fee: None

PRE-REQUISITE: English 9

English 10R includes 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.

#051A/B W English 10E

1 Credit

Required for graduation: *weighted class*

Fee: None

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

English 10E is designed for the self-motivated English student. It is a continuation of English 9E involving the mastery of more advanced writing skills, library/research work, interpersonal communication, and college-level reading. Test taking skills will be studied with a focus on OGT and ACT review. Students should be prepared for both written and oral reports and essays in this course.

#060 EnglishA/B 11R

1 Credit

Required for graduation

Fee: None

PRE-REQUISITE: English 10

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.

#061A/B W English 11E

1 Credit

Required for graduation: *weighted class*

Fee: None

PRE-REQUISITE: At Least a "C" average in English 10E or an "A" in 10R and Teacher Recommendation

This course is designed for the self-motivated, above average English student. Concepts will be studied in more detail than in English 11R. Extensive expository writing will be explored, with an emphasis on MLA style. Several novels will supplement the American Literature text. Grammar will be studied with a focus on ACT review. Self-study and individual investigation will highlight the course. This course will prepare the student for reading novels and writing analysis papers at the college level.

#070A/B English 12R

1 Credit

Required for graduation

Fee: None

PRE-REQUISITE: English 11

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.

#071A/B W English 12E

1 Credit

Required for graduation: *weighted class*

Fee: None

PRE-REQUISITE: At least a "C" average in English 11E or an "A" in 11R and Teacher Recommendation

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.

#090 AP English Literature and Composition (A.P. Eng)

1 Credit

Weighted class

Fee: \$90

PRE-REQUISITES: "B" in English 11E and Teacher Recommendation excellent attendance, required summer reading: \$90 fee only applies if the student decides to take the AP test

Advanced Placement Literature and Composition will engage the student in careful reading and critical analysis of imaginative literature. Through close reading of selected texts, students will deepen their understanding of the ways writers use language to provide both meaning and pleasure to their readers. The course includes intensive study of representative works or recognized literary merit. Extensive writing assignments are a key component of AP Literature and Composition.

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

#0521 Speech

Elective for Grades 9-12, Semester course

½ Credit

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

Elective for grades 9-12 , Semester course

½ Credit

Fee: None

PRE-REQUISITE: Speech I

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.

#053 Yearbook

Elective for Grades 9-12

1 Credit

Fee: None

PRE-REQUISITE: "B" in English

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.

Modern Fiction, Reading for Relevance

Elective for grades 9-12 , Semester course

½ Credit

Fee: None

PRE-REQUISITE: None

This course dives into the concerns and thoughts of teens through the study of Young Adult Literature and text. Students will be analyzing these qualities and literary techniques in novels, short stories, articles, and poetry. They will convey critical thinking to modern issues through student writing, presentations, and class discussions. Embedded within the literary studies will be research and non-fiction analysis that will enable students to validate their views and express these perspectives effectively. This class is for elective credit only.

Creative Writing

Elective for grades 9-12 , Semester course

½ Credit

Fee: None

PRE-REQUISITE: None

This course is designed to advance students' abilities to express their thoughts through writing short stories, poems, and plays. Students will be expected to participate in class discussions that analyze and evaluate different writing styles including fiction, poetry, description, narration, and drama. Students will give and receive feedback through peer editing in small and full class groups. This course is geared for students seeking to enhance their writing skills and expand their approach to writing by developing their creative process. This class is for elective credit only.

Novel Writing

Elective for grades 9-12 , Semester course

½ Credit

PRE-REQUISITE: None

Fee: None

This class is geared for students who love to write fiction and have an idea for a book but need time and assistance to weave it together. This is a self-directed course which means students will contract for their grade. The focus will be the vital elements of a novel such as characterization, viewpoint, dialogue, and pacing and how they work to create an interesting novel. By the end of the course, the student will have a printed manuscript to further develop or publish

Avid Readers

Elective Grade 9-12

1 Credit

PRE-REQUISITES: Teacher recommendation based off of prior English grades and test scores

This class is geared for students who desire extra support in Reading and Reading Comprehension. Students will use popular text to improve critical thinking skills, reading skills and writing skills.

RTI English I

Grade 9 -10

½ Credit

Fee: None

PRE-REQUISITES: Teacher recommendation based off of prior English grades and test scores, Semester course

This course is designed to provide support and to coincide with English I. This course is not remedial and is to provide immediate support and intervention for students.

RTI English II

Grade 10 -11

½ Credit

Fee: None

PRE-REQUISITES: Teacher recommendation based off of prior English grades and test scores, Semester course

This course is designed to provide support and to coincide with English I. This course is not remedial and is to provide immediate support and intervention for students.

#062 Mock Trial

Elective for Grades 9-12

1 Credit

Fee: None

PRE-REQUISITE: Member of the Mock Trial Team/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 it is not required. 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 and to engage in discussions/debates about these topics.

College Prep Shakspeare

Elective for Grades 10-12

1 Credit

Fee: None

PRE-REQUISITE: None

This performance and literature based course is designed for students who are interested in learning about the life and the works of William Shakspeare. Plays, such as but not limited to Anthony and Cleopatra, As You Like It, and A Midsummer Night's Dream, are not only examined in the traditional way, but students will also use dramatic performances, literature, music, dance, poetry, visual arts, and storytelling to immerse themselves in the works. Students will also research the everyday lives of Shakspeare and his peers to help round out their understanding of Shakspeare's life.

#0641 Literature of the Holocaust

Elective for grades 9-12 , Semester course

½ Credit

PRE-REQUISITE: None

Fee: None

This class gives students the insight into historical, social, religious, political and exonomic factors that cumulatively reasulted in the Holocaust. Students will gain awareness of the complexity of the subject and prespective on ho2w a combination of factors can contribute to the disintegration of democratic values. Students will have required reading for this class and will be expected to borrow or purchase the necessary books.

#091 Sigma Tri

Elective for grades 9-12

1 Credit

PRE-REQUISITE: Teacer reference required

Fee: None

This class partners regular education students and 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. students in this class will interacts with our building facility dog.

B. Modern Language Department**#440 French I**

Elective for Grades 9-11

1 Credit

Fee: None

PRE-REQUISITE: 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

1 Credit

Fee: None

PRE-REQUISITE: French I

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 IIIElective for Grades 11-12, *weighted class*

1 Credit

Fee: None

PRE-REQUISITE: French II

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, *weighted class*

1 credit

PRE-REQUISITE: French III

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.

Introduction to French Cinema

Elective for Grade 10-12

1 credit

PRE-REQUISITE: Current or previous French class is encouraged but not mandatory Fee: None

The student will watch, review and analyze films from different French and/or francophone genres (documentary, comedy, indies, animation, suspense, etc.); and a few from historical French/Western movements (Dada, Film Noir, Expressionism, French New Wave, etc.) as well as other cultures (Senegal, Canada, Haiti, for example.). Films may include; *Eyes without a face (Les yeux sans visage)*, *Amelie*, *Le Ballon Rouge*, and many more films, which may include student suggestions. Students will complete work and projects that demonstrate their comprehension of the evolution of French and francophone cinema. There may be a field trip to a local theater for a film, if possible. The course will be taught in English.

#441 Spanish I

1 Credit

Elective for Grades 9-11

Fee: None

PRE-REQUISITE: 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

1 Credit

Elective for Grades 10-12

Fee: None

PRE-REQUISITE: Spanish I

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

1 Credit

Elective for Grades 11-12, *weighted class*

Fee: None

PRE-REQUISITE: Spanish II

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

C. Visual & Performing Arts

VISUAL ARTS

#640 Art I ½ Credit
Elective for Grades 9-12, Semester Course Fee: \$5.00

PRE-REQUISITE: *None*

The purpose of Art I is to develop appropriate knowledge and appreciation of art through creative and manipulative experiences. Art I includes art history and aesthetics, as well as studio experiences which include drawing, painting, and alternative art techniques. Students will also start to develop an art vocabulary.

#650 Art II ½ Credit
Elective for 10-12, Semester Course Fee: \$5.00

PRE-REQUISITE: *Art I*

Art II will continue the goals of Art I with the studio focus on printmaking, three-dimensional work, and a review of drawing techniques.

Art III 1 Credit
Elective for 10-12 Fee: \$10.00

PRE-REQUISITE: *Art II or Art I if taken prior to the 2018/1019 school year*

Art III is aimed toward continuing the goals of Art I and II with more emphasis on three-dimensional art forms. Students will work on time and skill intensive work in this class, building an artistic voice

#661 Ceramics I 1/2 Credit
Elective for 9-12, Semester Credit Fee: \$10.00

PRE-REQUISITE: *None*

Ceramics I is for those interested in creating artworks out of clay. Ceramic terminology and basic handbuilding techniques such as slab building, coiling, and pinch pots will be studied in depth.

#671 Ceramics II ½ Credit
Elective for 10-12, Semester Credit Fee: \$10.00

PRE-REQUISITE: *Ceramics I*

Ceramics II will continue the goals of Ceramics I with more emphasis on utilizing learned handbuilding techniques to create more advanced three-dimensional art. Advanced glazing techniques will be introduced

Ceramics III

1 Credit

Elective for 10-12

Fee: \$20.00

PRE-REQUISITE: Ceramics II or Ceramics I if taken prior to the 2018/1019 school year

Ceramics III is for those interested in furthering their skills from the previous year(s). Students will be introduced to wheel throwing and using molds to create works. Various methods of surface decorating will be studied in-depth. Students will work on time and skill intensive work in this class, building an artistic voice and style.

MUSIC DEPARTMENT/PERFORMING ARTS**Choir**

1 Credit

Elective for 9-12

Fee: None

PRE-REQUISITE: None

Symphonic Choir is made up of males and females. A variety of music is sung, including sacred, secular, folk, and popular. The basic foundations of music are taught to the student. Students who wish to participate in this ensemble will be selected for the class based on one or more of the following criteria. If the student is interested in the course and has not sung in choir before, a vocal test may be necessary to determine which part they are best suited to sing. Students enrolled are expected to perform at all concerts and other singing engagements.

#940 Instrumental Music

1 Credit

Elective for Grades 9-12

Fee: None

PRE-REQUISITE: 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.

D. Mathematics

In order to meet the graduation requirements for Claymont High School, a student must earn credit in four (4) math courses. According to the new state guidelines, every student must progress through Alg. II or an equivalent course. The following are potential pathways, these are just recommendations final selections will be based off of individual need.

Took Algebra in 8th grade and scored Proficient or Higher on the End Of Course Test:

<u><i>Freshman</i></u>	<u><i>Sophomore</i></u>	<u><i>Junior</i></u>	<u><i>Senior</i></u>
Algebra II (E)	Geometry	Trigonometry Calculus	College Math Calculus

Took Algebra in 8th grade and scored below Proficient on the End of Course Test:

<u><i>Freshman</i></u>	<u><i>Sophomore</i></u>	<u><i>Junior</i></u>	<u><i>Senior</i></u>
Algebra plus	Algebra II	Geometry	Trigonometry

Taking Algebra as a 9th grader Advanced or Accelerated in Math on State Test, previous math grades are A

<u><i>Freshman</i></u>	<u><i>Sophomore</i></u>	<u><i>Junior</i></u>	<u><i>Senior</i></u>
Algebra I (E)	Algebra II (E)	Geometry (E)	Calculus College Math Trigonometry

Taking Algebra as a 9th grader High Basic or higher in Math on State Test, previous math grades between A-High C

<u><i>Freshman</i></u>	<u><i>Sophomore</i></u>	<u><i>Junior</i></u>	<u><i>Senior</i></u>
Algebra I	Algebra II	Geometry	Trigonometry Calculus College Math

Scored Basic on State Test, previous math grades between C & D

<u><i>Freshman</i></u>	<u><i>Sophomore</i></u>	<u><i>Junior</i></u>	<u><i>Senior</i></u>
Pre-Algebra	Algebra I RTI Alg. I recommended	Geometry RTI Geometry Recommended	Algebra II

Scored Low Basic or Below on State Test, previous math grades are Mid D and below

<u><i>Freshman</i></u>	<u><i>Sophomore</i></u>	<u><i>Junior</i></u>	<u><i>Senior</i></u>
Applied Algebra I & RTI Algebra I	App. of Algebra and Geometry	Applied Geometry & RTI Geometry	Applied Algebra II

#326 Life Skills Math

1 Credit

PRE-REQUISITE: 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.

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.

#341A&B Pre-Algebra

1 Credit

Grade 9

Fee: None

PRE-REQUISITE: 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.

#342A&B Applied Algebra I

1 Credit

Grade 9-12

Fee: None

PRE-REQUISITES: None

This course is designed as the first high school math course for students in the general curriculum. The course is intended for the student who is selecting the workforce, apprenticeship/vocational, military, or technical path. It is the first course in a sequence addressing content through concrete models and real-world situations with less emphasis on symbol-manipulation while still covering the standards set forth by the State Department of Education. Basic coverage of the following topics will include mathematical symbols, numbers, operations, and the relationships that exist between these items.

#342A&B Algebra I

1 Credit

Grade 9-12

Fee: None

PRE-REQUISITES: 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.

A&B Algebra I Enriched

1 Credit

Grade 9-12

Fee: None

PRE-REQUISITES: None

This course is designed as an enriched math course for students that are advanced in Math. 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.

#342 RTI Algebra I A.

1/2 Credit

Grade 9-12

Fee: None

PRE-REQUISITES: Teacher recommendation based off of prior math grades and test scores,***Semester course***

This course is designed to provide support and to coincide with Algebra I/Applied Algebra I. This course is not remedial and is to provide immediate support and intervention for students.

#342 RTI Algebra I B.

Grade 9-12

1/2 Credit

Fee: None

PRE-REQUISITES: Teacher recommendation based off of prior math grades and test scores, Semester course

This course is designed to provide support and to coincide with Algebra I/Applied Algebra I. This course is not remedial and is to provide immediate support and intervention for students.

#342A&B Applications of Algebra and Geometry

Grade 10-12

1 Credit

Fee: None

PRE-REQUISITES: Algebra 1 or Applied Algebra

This course is designed as the second high school math course in a sequence for students in the general curriculum. The course is intended for the student who is selecting the workforce, apprenticeship/vocational, military or technical path. This class is intended to bridge the gap between Algebra 1 and Geometry. The class will begin with a brief review of computation skills, including integers, exponents, radicals and a review of Algebra 1 concepts such as equation solving, ratios/proportions and related applications and graphing linear functions. During the second semester, the emphasis will be on introducing concepts in Geometry.

#342A&B Applied Geometry

Grade 10-12

1 Credit

Fee: None

PRE-REQUISITES: Algebra 1 , Applied Algebra I, Applications of Algebra and Geometry

This course is designed as the third high school math course in a sequence for students in the general curriculum. The course is intended for the student who is selecting the workforce, apprenticeship/vocational, military or technical path. This class addresses content through concrete models and real-world situations with less emphasis on symbol-manipulation and formal mathematical structure. 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.

#351A&B Geometry

Grade 10-12

1 Credit

Fee: None

PRE-REQUISITE: Algebra I and/or Algebra II

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.

#352A&B Geometry Enriched

1 Credit

Grade 10-12

Fee: None

PRE-REQUISITE: Algebra I and/or Algebra II

This course is designed and recommended for the student who has completed Algebra I 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.

#342 RTI Geometry I A.

1/2 Credit

Grade 10-12

Fee: None

PRE-REQUISITES: Teacher recommendation based off of prior math grades and test scores, Semester course

This course is designed to provide support and to coincide with Geometry/Applied Geometry. This course is not remedial and is to provide immediate support and intervention for students.

#342 RTI Geometry I B.

1/2 Credit

Grade 10-12

Fee: None

PRE-REQUISITES: Teacher recommendation based off of prior math grades and test scores, Semester course

This course is designed to provide support and to coincide with Geometry/Applied Geometry. This course is not remedial and is to provide immediate support and intervention for students.

#342A&B Applied Algebra II

1 Credit

Grade 10-12

Fee: None

PRE-REQUISITES: Applied Algebra, Applications of Algebra and Geometry, Applied Geometry

This course is designed as the fourth high school math course for students in the general curriculum. The course is intended for the student who is selecting the workforce, apprenticeship/vocational, military, or technical path. It is the fourth course in a sequence addressing content through concrete models and real-world situations with less emphasis on symbol-manipulation while still covering the standards set forth by the State Department of Education. This course will focus on the basics of Algebra 2; graphing and solving quadratics, behaviors of graphs, functions, and rational equations.

#360a&B Algebra II

1 Credit

Grade 10-12

Fee: None

PRE-REQUISITE: Algebra I

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 A&B Algebra II Enriched

Grade 10-12

1 Credit

Fee: None

PRE-REQUISITE: Algebra I Enriched

This is a continuation of Algebra I Enriched, 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.

#361A&BW Trigonometry/Pre-calculus

Elective for Grade 11 or 12

1 Credit

Fee: None

PRE-REQUISITE: Algebra II and Geometry, weighted class

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.

#380A&B College Math

Elective for Grade 12

1 Credit

Fee: None

PRE-REQUISITE: Completion of College preparatory Math

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. CalculusElective for Grade 11 or 12, *weighted class*

1 credit

Fee: \$90.00

PRE-REQUISITE: Trig./Pre-Calculus

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. \$90 fee will be assessed only if the student choose to take the AP test at the completion of the course. ***THE PURPOSE OF THIS COURSE IS TO PREPARE STUDENTS TO PASS THE AP CALCULUS TEST. THE TESTING FEE WILL BE REFUNDED TO STUDENTS WHEN THEY PASS THE AP TEST WITH A SCORE OF 3-5.***

E. Physical Education & Health**PHYSICAL EDUCATION DEPARTMENT****#8501 Physical Education**

Required for Grades 9/10, Semester course

¼ Credit

Fee: None

PRE-REQUISITE: 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.

Fitness Evaluation And Assessment

½ Credit

Required for Grades 9/10, Semester course

Fee: None

PRE-REQUISITE: None

Students will complete comprehensive fitness evaluations and develop individualized training programs. Students will complete task in the areas of cardiovascular endurance, body composition, joint flexibility and muscular strength, power, and endurance. Emphasis is placed on assessing body composition, neuromuscular flexibility, agility, balance, coordination, and proprioception. Additionally, students will identify components of physical fitness and communicate how physical activity impact health and wellness.

#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.

Health

#8461 Life Skills Health

½ Credit

Required for Grade 9, Semester Course

Fee: None

PRE-REQUISITE: 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.

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.

Athletic Injuries and Prevention

½ Credit

Elective Grades 9-12

Fee: None

PRE-REQUISITE: None

Students will identify signs and symptoms of injury and apply emergency procedures and techniques used in the immediate care of athletic related trauma. Students will learn clinical and field evaluative processes, injury prevention techniques, conditioning techniques, treatment, taping, bracing, and rehabilitation of musculoskeletal injuries and conditions. Students will design and implement conditioning programs, including nutritional considerations and ergogenic aids.

Nutrition and Wellness

½ Credit

Elective Grades 9-12

Fee: None

PRE-REQUISITES: None

Students will increase their knowledge of comprehensive health and wellness. Students will be able to identify the components of fitness and communicate the relationship between physical fitness, physical performance, injury prevention, and nutritional intake. Students will evaluate an individual's state of nutrition based upon the impact of personal choices and social, scientific, psychological and environmen

tal influences. Further, students will calculate an individual's kilocalorie burn rate and recommend an ideal diet and physical fitness plan.

#8421 Health

½ Credit

Required for Grade 9, Semester course

Fee: None

PRE-REQUISITE: 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.

#5411 Personal Development I

½ Credit

Elective for 9-12, Semester

Fee: None

PRE-REQUISITE: None

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 making clothing decisions, basic sewing skills, creating a living environment, balancing work and family responsibilities, and self-esteem. The other semester will be spent exploring food choices, food preparation skills, parenting responsibilities and improving family relations.

#5412 Personal Development II

½ Credit

Elective for 9-12, Semester

Fee: None

PRE-REQUISITE: None

This course is an extension of Personal Development I. It 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 making clothing decisions, basic sewing skills, creating a living environment, balancing work and family responsibilities, and self-esteem. The other semester will be spent exploring food choices, food preparation skills, parenting responsibilities and improving family relations.

F. Science

All students must pass three years of science to graduate. Physical Science and Biology are required of all students. Students have an option for their third year of science. Any student who is planning on attending college should take Chemistry, Physics, and as many other advanced science classes as possible.

SCIENCE COURSE PROGRESSIONS

FRESHMEN

Physical Science or Biology E

SOPHOMORES

Biology or Biology E
Chemistry or Chemistry E

JUNIORS

Must take one of the following:

Chemistry or Chemistry (E)
Earth's Resources
AP Biology
Biology 2

SENIORS (all are electives)

Physics
Chemistry
Earth's Resources
AP Biology
AP Chemistry

Other Electives:

Genetics
Organic Chemistry/Medical Terminology
Neuroscience
Anatomy and Physiology

#236 Life Skills Science

Required for Grades 9-12

1 Credit

Fee None

PRE-REQUISITE: 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.

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.

#240A&B Physical Science

1 Credit

Required for graduation – grade 9

Fee: \$10

PRE-REQUISITE: None

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.

#250A&B Biology

1 credit

Required for graduation – grade 10

Fee: \$20

PRE-REQUISITE: Physical Science

Block class

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.

#251A&B Biology E (advanced option for college prep. students)

1 credit

Required for graduation – grade 10, *weighted class*

Fee: \$20

Block class

PRE-REQUISITE: 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.

Genetics

1/2 Credit

Prerequisite- passed Chemistry (or concurrent), Semester course

Fee: None

This course covers principles of eukaryotic cell genetics. Emphasis is placed on the molecular basis of heredity, chromosome structure, patterns of Mendelian and non- Mendelian inheritance, evolution, genetic disorders, and biotechnological applications.

Organic Chemistry/ Medical Terminology

1 Credit

Prerequisite- passed Chemistry (or concurrent)

Fee: None

This course is an introduction to two basic concepts for anyone entering a medical field. This is great foundational knowledge to help you get ahead. Organic chemistry focuses primarily on the basic principles to understand the structure and reactivity of carbon based molecules. Medical terminology is the study of the principles of medical word building to help the student develop the extensive medical vocabulary used in health care occupations. Students receive a thorough grounding in basic medical terminology through a study of root words, prefixes and suffixes. The study focuses on correct pronunciation, spelling and use of medical terms.

Neuroscience 1/2 Credit
Prerequisite- passed Chemistry (or concurrent), Semester Source Fee: None

This course is an introduction to the mammalian nervous system, with emphasis on the structure and function of the human brain. Topics include the function of nerve cells, sensory systems, control of movement, learning and memory, and diseases of the brain.

Earth's Resources 1 Credit
Prerequisite- passed Biology 1 Fee: None

This course surveys key topic areas including the application of scientific process to environmental analysis; ecology; energy flow; ecological structures; earth systems; and atmospheric, land, and water science. Topics also include the management of natural resources and analysis of private and governmental decisions involving the environment.

Biology 2 1 Credit
Prerequisite- passed Biology 1 Fee None

Biology 2 is a continuation of the study of life. A survey of the animal and plant kingdoms will be done, emphasizing form and function. Topics will include bioethics, evolution, biotechnology, animal behavior and heredity. Lab experiences will include dissections, electrophoresis and biofuel analysis.

#260A&B Chemistry 1 credit
Elective for Grade 11-12, can be used to fullfill Science graduation requirment Fee: \$20
PRE-REQUISITE: Biology Block Class

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.

#261A&BW Chemistry E (advanced option for college prep. students) 1 credit
Elective for Grade 11-12, can be used to fullfill Science graduation requirment Fee: \$20
PRE-REQUISITE: Enriched Biology, Weighted class Block Class

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.

#270A&BW Physics

1 credit

Elective for Grade 11-12, can be used to fulfill Science graduation requirement

Fee: \$20

PRE-REQUISITE: Chemistry, weighted class

Block Class

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.

#252A&BW Anatomy & Physiology

1 credit

Elective for Grade 11-12, can be used to fulfill Science graduation requirement

Fee: \$10

PRE-REQUISITE: Physical Science & Biology, weighted class

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. It is designed for future science majors to get a head start on college course material. Great for anyone thinking of going into a health care related career

#291 AP Biology

1 credit

Elective for Grade 11-12, can be used to fulfill Science graduation requirement

Fee: \$90

PRE-REQUISITE: Jr./Sr. status, Weighted class

Block Class

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. 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. **THE PURPOSE OF THE AP COURSES IS TO PREPARE STUDENTS TO PASS THE AP BIOLOGY TEST. THE TESTING FEE WILL BE REFUNDED BY THE SCHOOL BOARD WHEN STUDENTS PASS THE AP TEST WITH A GRADE OF 3-5.**

#290 AP Chemistry

1 Credit

Elective for Grade 11-12, can be used to fulfill Science graduation requirement

Fee: \$90

PRE-REQUISITE: Jr./Sr. status, Weighted class

Block Class

This class covers topics on matter, atoms, stoichiometry, solutions, and thermo chemistry, electronic structure, bonding, gases, chemical equilibria and electrochemistry. The course is designed to prepare students for passage of the AP test in May of each year. A grade of 3 or higher is usually accepted by most universities and colleges as credit for one year of freshman chemistry. The class is laboratory based so many topics will include labs along with lecture. Behavioral and academic expectations for this course are equal to those of a college freshman level chemistry course. **THE PURPOSE OF THESE AP COURSES IS TO PREPARE STUDENTS TO PASS THE AP CHEMISTRY TEST. THE TESTING FEE WILL BE REFUNDED BY THE SCHOOL BOARD WHEN STUDENTS PASS THE AP TEST WITH A GRADE OF 3-5.**

Project Lead the Way (PLTW) for Future Engineers and highly motivated students who desire to become engineers through a very rigorous sequence of the following courses.

#693 Introduction to Engineering Design (IED)

1 credit

Elective for Grade 9-12

Fee: None

PRE-REQUISITE: None

In this course, students use 3D solid modeling design software to help them design solutions to solve proposed problems. Students will learn how to document their work and communicate solutions to peers and members of the professional community. This course is designed for 9th and 10th grade students. The major focus of the IED course is to expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation.

#694 Principles of Engineering (POE)

1 credit

Elective for Grade 10-12

Fee: None

PRE-REQUISITE: Introduction to Engineering Design

This survey course of engineering exposes students to some of the major concepts they'll encounter in a postsecondary engineering course of study. Students have an opportunity to investigate engineering and high-tech careers and to develop skills and understanding of course concepts. Students employ engineering and scientific concepts in the solution of engineering design problems. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges. Students also learn how to document their work and communicate their solutions to peers and members of the professional community. This course is designed for 10th and 11th grade students.

G. Social Studies

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, World Civilization and Government. All other classes will be considered as electives.

<u>Freshman</u>	<u>Sophomore</u>	<u>Junior</u>	<u>Senior</u>
Integrated History	American History World Civilization	Government	Electives

#126 Life Skills Social Studies

1 Credit

Required for Grades 9-12

Fee None

PRE-REQUISITE: 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.

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.

#151A&B Integrated History (1877-1943)

1 Credit

Required for Grade 9

Fee: None

PRE-REQUISITE: 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.

#160A&B American History (1940-present)

1 Credit

Required for grade 10

Fee: None

PRE-REQUISITE: 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.

#170A&B American Government

1 Credit

Required for grade 12

Fee: None

PRE-REQUISITE: 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.

#1502 Current Events ½ Credit
 Elective for grades 9-12 Fee: None
PRE-REQUISITE: None Semester
 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.

#1503 America in WWII and Resulting Pop Culture ½ Credit
 Elective for grades 9-12 Fee: None
PRE-REQUISITE: None Semester
 This course will examine the American impact on WWII as well as the war’s impact on American society, during and after the war. Topics covered in this semester course include: Civil rights and the role of women during WWII, initial American assistance to the Allied powers, the American campaign in Europe and the Pacific (with special attention to the build-up and invasion of Europe). We will also study Midway and the island hopping in the Pacific, the evolving relationship between Churchill, Roosevelt, and Stalin, and post-war pop culture that includes the baby boom.

Entrepreneurship 1 credit
 Elective for grades 9-12 Fee: None
PRE-REQUISITE: All students may apply, students will be selected through an interview process
 This course is a Rigorous full-year program for those who want to start their own business someday or just want to learn how to be a successful entrepreneur. The program mixes classroom study with a hands-on, real-life business project. Students will first learn the fundamentals of finance, management, marketing, ethics and corporations and then use that knowledge to create their own companies and compete for the top spot in the class. The program is highly-selective and not all students that apply will be accepted. Students will be chosen after a review of grades, attendance and a personal interview. Program is open to freshman through seniors and applicants may re-apply as many times as desired.

#1504 Issues in Social Studies with a focus on sports and their impact on society ½ Credit
 Elective for grades 9-12 No fee
PRE-REQUISITE: None Semester
 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.

#162 Psychology

Elective for grades 10-12

1 Credit

Fee: none

PRE-REQUISITE: None

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.

#190 AP History

Elective for grades 11-12

1 credit

Fee: \$90

PRE-REQUISITE: Int. Hist. and Am. Hist., weighted class

AP History is a survey course designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in United States History and arrive at conclusions on the basis of an informed judgment. Students will be expected to present reasons and evidence clearly and persuasively in essay format. Topics covered will include, but are not limited to: political institutions and behavior, public policy, social and economic change, diplomacy and international relations, and cultural and intellectual developments. This will be accomplished through chronological coverage of a concise text and supplementary readings in the form of documents and books on special themes. **THE PURPOSE OF THIS COURSE IS TO PREPARE STUDENTS TO PASS THE AP U.S. HISTORY TEST. THE TESTING FEE WILL BE REFUNDED TO STUDENTS WHEN THEY PASS THE AP TEST WITH A SCORE OF 3-5.**

H. Business/Technology**Technology**

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.

#3711 Web Design I

Elective for Grades 9-12

½ Credit

Fee: None

PRE-REQUISITE: none

Semester

You will design and create your own website, use HTML, Cascading Style Sheets (CSS), JavaScripts and Adobe Dreamweaver CS6 to create web pages. You will also be introduced to graphic design and editing software Adobe Fireworks CS6.

#3712 Web Design II

Elective for Grades 9-12

½ Credit

Fee: None

PRE-REQUISITE: Web Design

Semester

Students will design and update the school district web site – photographing school events, interviewing, writing copy, and preparing web pages/sites.

#6483 Video Editing I

Elective for Grades 9-12

PRE-REQUISITE: None

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.

½ Credit

Fee: None

Semester Course

#691 Tech Prep

Elective for Grades 9-12

PRE-REQUISITE: None

Students training in the area of interactive multi-media will become competent in creating, designing, and producing interactive multi-media products and services. This class 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, Game Design, Interaction of Computers, Web Development and Digital Imaging. Assignments will include and are not limited to: Video Editing, Web Design, Graphic Design, Live Video, And Real World Application of knowledge with an emphasis on creativity and innovation using Computers & Technology.

1 credit

Fee: None

#3733 PLTW Computer Science for Innovators and Makers

Elective for Grades 9-12

PRE-REQUISITE: None

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.

½ Credit

Fee: None

Semester Course

#364 PLTW Computer Science Essentials

Elective for Grades 9-12

PRE-REQUISITE-PLTW Computer science for Innovators and Makers

In this course, 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; learn how to make computers work together and learn how 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.

1 credit

Fee: None

Business

One semester of Personal Finance is required for graduation

#1501 Personal Finance

½ Credit

Required for grades 11 or 12

Fee: none

PRE-REQUISITE: None

Personal Finance will provide you with an awareness of personal financial issues. areas of discussion include banking services, credit risk, money management, financial investments, wages, taxes and risk management.

#373 Accounting

1/2 Credit

Elective for Grades 10-12

Fee: None

PRE-REQUISITE: None

This course is intended for students who want to learn accounting principles. This course is designed to give the student a basic understanding into how individually-owned companies and partnerships wngage in business transactions.

#3721 Business Law

½ Credit

Elective for Grades 9-12

Fee: None

PRE-REQUISITE: None

Semester course

This class is designed to introduce you to the law from both a personal and business perspective. You will learn about several different types of law including housing and consumer. Case studies, real life scenarios, and current events are also investigated and discussed in this class.

Introduction to Business

½ Credit

Elective for Grades 9-12

Fee: None

PRE-REQUISITE: None

Semester Course

Introduction to Business is a class to demonstrate how the business economy operates and ties in with personal resource management. Students will learn the basis of our economic environment, and business operations including government in our global economy and small business management. The class combines concepts with practical applications to real world situations. Students will be prepared to make decisions as consumers, wage earners, and citizens within the economy.

I. Vocational

INDUSTRIAL TECHNOLOGY DEPARTMENT

#6411 Fundamentals of Architecture and Construction-Drafting

½ Credit

Elective for Grades 9-12

Fee: \$10.00

PRE-REQUISITE: None

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-Principals of Wood

1 Credit

Electives for Grades 9-12

Fee \$15.00

PRE-REQUISITE: None

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 jointery and advanced projects. Wood technology is recommended for male and female students.

#653 Principals of Wood II-Capstone

1 Credit

Electives for Grades 10-12

Fee \$15.00

PRE-REQUISITE: Wood Technology I Principals of Wood

The capstone course provides opportunities for students to apply knowledge, attitudes and skills that were learned in Wood I in a more comprehensive and authentic way. This includes project/problem based learning opportunities that occur both in and away from school. Under supervision of the school and through community partnerships. During this class an emphasis will also be placed on jointery and advanced projects.

#663 Principals of Wood III

1 Credit

Electives for Grades 11-12

Fee \$15.00

PRE-REQUISITE: Wood Technology II

This class is an extension of Wood Technology I and II. This includes project/problem based learning opportunities that occur both in and away from school. Under supervision of the school and through community partnerships. During this class an emphasis will also be placed on jointery and advanced projects.

#673 Principals of Wood IV

1 Credit

Electives for Grades 10-12

Fee \$15.00

PRE-REQUISITE: Wood Technology III

This class is an extension of Wood Technology I, II and III. This includes project/problem based learning opportunities that occur both in and away from school. Under supervision of the school and through community partnerships. During this class an emphasis will also be placed on jointery and advanced projects.

#642 Principals of Metals I-Manufacturing Operations

1 Credit

Electives for Grades 9-12

Fee \$15.00

PRE-REQUISITE: None

Student will engage in the introductory skills utilized in working with metal construction materials. They will use basic measuring tools, hand tools and machines, common to the metal building and to construct basic projects. Additionally, students will examine various metal construction materials and their properties. Throughout the course, students will learn components of site and personal safety, they will learn the production processes applied across manufacturing operations. Students will be able to demonstrate a broad array of technical skills with an emphasis given to quality practices, measurement, and maintenance.

#652 Principals of Metals II-Machine Tools

1 Credit

Electives for Grades 10-12

Fee \$15.00

PRE-REQUISITE: Principals of Metals I-Manufacturing Operations

This course introduces students to all aspects of machining applications in manufacturing. They will be able to perform routine calculations, interpret basic drawings, begin the process of performing accurate measurements and be able to plan simple machining processes. Students will learn the fundamental principles and practices of cutting, drilling and grinding using modern machine tools, hand tools and precision measuring instruments.

#652 Principals of Metals III

1 Credit

Electives for Grades 10-12

Fee \$15.00

PRE-REQUISITE: Principals of Metals I-Manufacturing Operations, Principals of Metals II-Machine Tools

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.

#652 Principals of Metals IV

1 Credit

Electives for Grades 10-12

Fee \$15.00

PRE-REQUISITE: Principals of Metals I-Manufacturing Operations, Principals of Metals II-Machine Tools, Principals of Metals III

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

½ Credit

Elective for Grades 9-12

Fee: \$15

PRE-REQUISITE: None

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. Students will layout sheet-metal patterns using parallel line, radial line, and triangular development procedures. Students will, also fabricate edges, joints, seams, and notches. Students will also have the opportunity to work with a new state of the art PlasmaCam system and Design Edge drawing program.

AGRICULTURAL AND ENVIRONMENTAL SYSTEMS**Agriculture, Food and Natural Resources**

1 credit

Elective for Grades 9-12

Fee: TBA

PRE-REQUISITE: None

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

Animal and Plant Biotechnology

1 credit

Elective for Grades 9-12

Fee: TBA

PRE-REQUISITE: None

Learners will apply principles of chemistry, microbiology and genetics to plant and animal research and product development. Students will apply genetic principles to determine genotypes and phenotypes. Students will describe the parts and functions of animal and plant cells and their importance in biochemistry. They will perform restrictive enzyme digests, Polymerase Chain Reactions and apply principles of nucleic acid blotting. This course will examine applications of Central Dogma Theory and other Molecular-Genetics Technologies.

Business Management for Agricultural and Environmental Systems

1 credit

Elective for Grades 9-12

Fee: TBA

PRE-REQUISITE: None

Students will examine elements of business, identify organizational structures and apply management skills while developing business plans, financial reports and strategic goals for new ventures or existing businesses. Learners will use marketing concepts to evaluate the marketing environment and develop a marketing plan with marketing channels, product approaches, promotion and pricing strategies. Throughout the course, students will apply concepts of ethics and professionalism while implications of business regulations will be identified.

Environmental Science for Agriculture and Natural Resources

1 credit

Elective for Grades 9-12

Fee: TBA

PRE-REQUISITE: None

Students will study relationships between organisms and their environment. Principles of biogeochemical cycles, air-water-land relationships, non-point pollution, and wetlands will be applied. Students will examine fundamentals of resource development, agriculture sustainability, energy needs and pollution control. They will analyze and interpret data gathered from studies on the ecosystem. Throughout this course, students will develop responses to environmental problems and develop management strategies for responsible conservation and resource development.

J. Other**#3631 ACT Prep Class**

½ credit

Elective for Grades 10, 11, 12

Fee: none

PRE-REQUISITE: None

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.