

DELRAN HIGH SCHOOL



PROGRAM OF STUDIES 2016-2017

50 Hartford Road
Delran, NJ 08075
(856) 461-6100

www.delranschools.org

CEEB Code – 310-264

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Mr. Daniel S. Finkle	Principal
Mrs. Lena F. Galati	Assistant Principal
Mr. Brian M. Stolarick	Assistant Principal

Content Supervisors

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January 2016



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Dear Students and Parents:

It gives me great pleasure to present the 2016-2017 Program of Studies. The Content Area Supervisors, Teachers, School Counselors, and Assistant Principals have all collaborated in the development of this resource to ensure that you have all of the required information at hand for program planning and scheduling. High school graduation requirements, as well as information regarding college and career preparatory programs are outlined for you. A four-year planning tool is also included to assist you in the course selection progress. New courses are denoted with an asterisk (*) and are highlighted in red for online viewing. Courses that are eligible for college credit through the CAP program are denoted with the following symbol: §.

The nature of our world and its economy require that students prepare themselves to become informed citizens and contributors to a global society. The program choices you make now will enhance the number of postsecondary training and career options available to you as you further your education beyond high school. Your School Counselor will be an integral partner in assisting you in developing your program plan. **Please read the introductory pages of the guide thoroughly prior to making course selections as many changes have been made this year.** As you are aware, you may select the desired level of courses provided that you have met the prerequisites and have given careful consideration to your current level of performance and teacher recommendations as predictors of your future success in a higher level course. Should you wish to take a higher-level course, a Scheduling Waiver Form must be completed and turned in to the Guidance Receptionist by **March 22, 2016**. We have also included for you flow charts for your reference. Though the charts are a suggested sequence of courses, students are certainly able to move levels within each course as long as prerequisites have been met. Our science classes only list math prerequisites as the flow charts list the science courses that must be completed before enrolling in the next sequential course.

Once your courses have been selected and verified in early April, there will be NO course changes until schedules are distributed in early June. Please do not schedule any course on a “try-out” basis, thinking that you can simply change it at a later date since there may not be room in other courses and we will not overload classes to accommodate your change. I encourage you to make informed course choices to ensure that you will be able to maintain your desired level of performance. There is no guarantee that desired classes and electives can be retained should you require a level change due to a performance issue once the school year has started.

While colleges and universities place great emphasis on taking advanced level courses, it is equally important that you develop a well-rounded program that not only addresses academic rigor, but also enables you to have a balanced, healthy lifestyle. All students at DHS will be scheduled for eight class periods and one lunch period to refresh, relax, and socialize with classmates. Make realistic choices and follow your passion for learning.

It is my sincere hope that you will enjoy the upcoming school year! Please take advantage of all the programs, resources, and supports that we have in place for you.

With Bear Pride and Spirit,

Daniel S. Finkle
Principal

GRADUATION REQUIREMENTS

1. Students must meet all of the following minimum requirements as prescribed by the State of New Jersey (N.J.A.C. 6A:8-5).

Subject Area	Years Required	Credits
Language Arts Literacy	4	A minimum of 20 credits in Language Arts Literacy
Mathematics	3	A minimum of 15 credits in Mathematics, including Algebra I and Geometry or the content equivalent and a third year of math that builds on the concepts and skills of Algebra and Geometry and prepares students for college and 21 st century careers.
Social Studies	3	A minimum of 15 credits in Social Studies, including one course in World History and two courses in US History.
Science	3	A minimum of 15 credits including at least 5 credits in Laboratory Biology/Life Science or the content equivalent; an additional laboratory/inquiry-based science course including Chemistry, Environmental Science, or Physics; and a third laboratory/inquiry-based science course.
Health and Physical Education	4	Successful completion of a full-year course of study in Health and Physical Education for every year of high school attendance.
Financial, Economic Business, and Entrepreneurial Literacy	½	A minimum of 2.5 credits.
Visual and Performing Arts	1	A minimum of 5 credits in Visual or Performing Arts.
World Languages	1	A minimum of 5 credits or student demonstration of proficiency.
Technological Literacy	-	Consistent with the Core Curriculum Content Standards, integrated throughout the curriculum.
21 st Century Life and Careers, or Career-Technical Education (Business, Technology, and Family & Consumer Science)	1	A minimum of 5 credits in 21 st Century Life and Careers, or Career-Technical Education.
Community Service	1	15 hours of Community Service is to be completed during the Junior year.

2. Students must accumulate at least 130 credits.
3. Students must satisfy the state proficiency testing requirements which include the PARCC, SAT, ACT, PSAT, Accuplacer, ASVAB-AFQT, or Portfolio Appeal.
4. Students must have satisfactory attendance according to the school's attendance policy.

OUR PHILOSOPHY

Delran High School, operating under the auspices of the Delran Township Board of Education, is dedicated to a democratic system of education, affording all students the opportunity for intellectual, emotional, and physical growth.

Servicing a diverse ethnic, religious, racial, and socio-economic population, the high school promotes an atmosphere that encourages an understanding and respect for cultural diversity.

Delran High School bears the responsibility of fostering the intellectual development of each individual. Recognizing that each student has special abilities, interests and needs, the high school offers a comprehensive program that addresses a wide range of educational alternatives.

The top priority at Delran High School is to prepare students for useful careers and enriched cultural lives. To effectively meet this need, the school must promote the following goals:

1. Students must acquire the skills of reading, writing, speaking, mathematical computation, scientific investigation and research.
2. Students must receive the skills needed to solve problems, think critically, communicate, exhibit appropriate social behavior, achieve economic independence, and maintain a state of physical well-being.
3. Students must develop an appreciation for the interrelationship between academics and fine, performing, and practical arts.
4. Emphasis will be placed upon the development of the total educational experience by exposing students to both academics and the arts.
5. Students must become familiar with and have the confidence to apply the latest technology to industrial endeavors, careers, and vocational opportunities.
6. Students must become aware that they are responsible for the consequences of their actions.

OUR CURRICULUM

As today's society becomes more complex, the demands placed upon schools to educate young adults to take their rightful place in society become equally as complex. This complexity is mirrored in the rigorous and relevant curricular offerings that have been developed for Delran High School. In addition to preparing for education or employment beyond high school, each student has individual desires and goals. Because each of you has individual interests, a variety of courses has been developed to assist you in examining these interests. Take advantage of the curricular offerings not only to pursue your goals, but also to broaden your background and explore new and different ideas and concepts.

As a student at Delran High School, you should be aware that prospective employers and college admissions directors look at your total educational record, including your scholastic achievement, attendance records, and your participation in co-curricular offerings.

COLLEGE ENTRANCE REQUIREMENTS

It is important to be aware that the requirements for college entrance may differ from the requirements for graduation from high school. The School Counselors at Delran High School are available to assist with the process. It is each student's responsibility to research information regarding the expectations of specific college choices. Generally, colleges expect students to have completed four years of English, three to four years of college-preparatory Mathematics, three years of Laboratory Sciences, two to four years of a World Language and three years of Social Studies. Students who have specific goals should concentrate on taking courses in specific areas of interest during their high school career. For example, a student who is planning a career in science should take the maximum number of science courses. Candidates interested in the medical field should focus on mathematics and science. A student who is interested in becoming a professional musician should be involved in performance music courses for each of his/her four years of high school, etc.

When making decisions about courses, college requirements and expectations, and career goals, school counselors, teachers, and parents have valuable insight into the process. Students are encouraged to listen to what they have to say, but also trust their own instincts.

GUIDANCE AND SCHOOL COUNSELING SERVICES

<http://www.delranschools.org>

Purpose & Responsibilities of the Guidance Department

The philosophy of the Guidance Department of Delran High School is based on the premise that each student is an individual and has individual needs, desires, and goals. Therefore, counselors respect this individuality. Because of this commitment to the concept of individuality, the counselors have flexibility with the guidelines of propriety in their approach to help students solve problems.

It is the function of the Guidance Department to assist students to advocate for themselves and to become independent and responsible citizens. The counselors will work with students, parents, and teachers to utilize all available information to help the students accomplish their goals. Students may request an appointment by completing a form in the Guidance Office.

College and Career Development

The Guidance Department meets with all grade levels via small groups and individual meetings to disperse grade appropriate information and to assist with developing individual goals that will help to focus beyond high school. Application procedures for any type of post high school education, as well as financial aid information and career decision-making skills, are presented. All students are urged to be aware of the requirements for graduation and their academic standing.

The primary resource to assist students is NAVIANCE (www.connection.naviance.com/delhs). Students are introduced to this resource during their freshman year and are encouraged to update and explore throughout their high school experience.

Additional resources may include:

- College Admission Representative Meetings
- Computerized Career Search
- Spring College Fair at Rowan College at Burlington County (RCBC)
- Scholarship Search Engine Career
- College Information
- Financial Aid Information
- Program of Studies

Parent Conferences

Parent Conferences with counselors may be initiated by a student, parent/guardian or counselor. These conferences may touch upon school, social, personal or family concerns. Conferences may also be arranged for discussing college, career, or general information.

Scholarship Information

All information about local, county, state, and national scholarships is available on the Guidance website and in each student's Naviance account.

Financial Aid Night

The Guidance Department also hosts an evening meeting in the fall on financial aid for students planning to attend college, trade, business, or technical school. This workshop is open to all parents as well as students. The evening focuses on completion of the Free Application Federal for Student Aid (FAFSA), Higher Education Student Assistance Authority (HESAA), available grants and scholarships, work study options, and loans.

Transcripts

The Guidance Department maintains accurate and updated transcripts on each student. These transcripts may be sent to a prospective employer, technical school or college at the student's request after a Transcript Release Request Form has been signed. Should you need a transcript sent, please contact the Guidance Secretary.

Testing Program

The testing and vocational interest services offered by the Guidance Department include voluntary and mandated tests.

Voluntary Testing That is Administered:

PSAT/NMQT (Preliminary Scholastic Aptitude Test)

ASVAB (Armed Services Vocational Aptitude Battery)

Mandated Testing Includes:

PARCC (Partnership for Assessment of Readiness for College Careers)

NAVIANCE Assessments

PrepMe – Free SAT/ACT Practice Modules

Learning Style Inventory

Personality Inventory

Career interest Profiler

Career Cluster Finder

The results of these tests and vocational assessments are distributed through the Guidance Department and are used in the process of helping students make intelligent career and/or goal-oriented decisions.

Student Assistance Program

Services provided by the Student Assistant Program include support concerning issues that students may encounter such as peer pressure and relationships, self-esteem, family matters and drug/alcohol related problems. Life skills and drug/alcohol education are also offered as are referrals and informal evaluations. Students may be referred by teachers, staff, parents, other students, or on a self-referral basis. Referral sources will not be revealed without permission.

The Student Assistance Program operates under the federal laws of confidentiality. Information discussed by the student cannot be divulged without the student’s written consent. The only instance when confidentiality may be broken without consent is in the event of serious danger to the student or others, such as child abuse or threatened suicide.

State Testing Requirements

PARCC ELA Grade 9 ≥ 750 (Level 4) <i>or</i>	PARCC Algebra I ≥ 750 (Level 4) <i>or</i>
PARCC ELA Grade 10 ≥ 750 (Level 4) <i>or</i>	PARCC Geometry ≥ 725 (Level 3) <i>or</i>
PARCC ELA Grade 11 ≥ 725 (Level 3) <i>or</i>	PARCC Algebra II ≥ 725 (Level 3) <i>or</i>
SAT Reading* ≥ 400 <i>or</i>	SAT Math* ≥ 400 <i>or</i>
ACT Reading or ACT PLAN Reading ≥ 16 or Accuplacer Write Placer ≥ 6 or	ACT or ACT PLAN Math ≥ 16 <i>or</i> Accuplacer Elementary Algebra ≥ 76 or
PSAT10 Reading or PSAT/NMSQT Reading** ≥ 40 <i>or</i> PSAT10 Reading or PSAT/NMSQT Reading*** ≥ 22 <i>or</i>	PSAT10 Math or PSAT/NMSQT Math** ≥ 40 <i>or</i> PSAT10 Math or PSAT/NMSQT Math*** ≥ 22 <i>or</i>
ACT Aspire Reading ≥ 422 <i>or</i>	ACT Aspire Math ≥ 422 <i>or</i>
ASVAB-AFQT Composite ≥ 31 <i>or</i>	ASVAB-AFQT Composite ≥ 31 <i>or</i>
Meet the Criteria of the NJDOE Portfolio Appeal	Meet the Criteria of the NJDOE Portfolio Appeal

ACADEMIC POLICIES

With the adoption of the new system for the calculation of the Grade Point Average (GPA) in July of 2004, several new academic policies have been implemented. Grades will be reported as numerical averages with sixty (60) continuing to be the lowest passing grade. Class rank has been eliminated as a matter of policy. Mid-term examinations have been eliminated, with each marking period now contributing 22% toward the final grade and the final examination contributing 12%. Both an un-weighted and weighted GPA will be calculated for every student.

Calculation of the GPA will include all courses taken. Transfer credits, summer school work, on-line courses, and the like will be received and grades earned will be assigned. Sectarian (religious education) courses completed will be accepted and earn elective credit.

GRADING SYSTEM

A	90	-	100
B	80	-	89.499
C	70	-	79.499
D	60	-	69.499
F	59.499 and below		

<u>0 (zero)</u>	-	Unexcused absence or a breach of academic integrity on a final exam
<u>I</u>	-	Incomplete must be made up with two (2) weeks after the end of the grading period.
<u>WP/WF</u>	-	Withdraw Passing/Withdraw Failing
<u>LCR</u>	-	Loss of credit due to excessive unexcused absences.

FINAL GRADE CALCULATION

The chart below delineates the Final Grade Calculation for all courses by percentage of final grade.

Type of Course	MP1	MP2	MP3	MP4	FE
Full-Year	22%	22%	22%	22%	12%
Physical Education	30%	30%	30%		10%
Semester	44%	44%			12%
Health	100%				

Example:

1 st Quarter Percentage Grade	x	.22	84	x	.22	=	18.48
2 nd Quarter Percentage Grade	x	.22	75	x	.22	=	16.50
3 rd Quarter Percentage Grade	x	.22	93	x	.22	=	20.46
4 th Quarter Percentage Grade	x	.22	88	x	.22	=	19.36
Final Exam Percentage Grade	x	.12	75	x	.12	=	9.0
FINAL GRADE = 84							83.80

In all courses, the final grade is determined by multiplying each percentage grade by its quarterly (22%) or exam (12%) weight. Those values are added in the example above to equal the final average of 83.8%. All final percentage grades are rounded to the closest whole number yielding, in this example, a FINAL GRADE of 84.

Credit Values

- Algebra I – Double Period: 10.0
- Lab Courses in Science, which meet 7 periods per week: 7.0
- Lab Courses in Science, which meet 6 periods per week: 6.0
- Year-long Courses: 5.0
- Physical Education: 3.75
- Semester Courses: 2.5
- Health: 1.25

GRADE POINT AVERAGE (Weighted)

The Board of Education for the Delran Township School District approved a new method of calculating the Grade Point Average (GPA) effective July, 2004 for all entering and enrolled students. The weighted system provides for a specific weighted grade for each course taken at Delran High School according to the level of the course, i.e. General, College Preparatory (CP), Honors, or Advanced Placement (AP). The following chart provides details of the weighted grading system.

DHS WEIGHTED GRADE POINT AVERAGE (GPA) INDEX

<i>Grade Earned</i>	<i>General</i>	<i>CP</i>	<i>Honors</i>	<i>AP</i>	<i>Grade Earned</i>	<i>General</i>	<i>CP</i>	<i>Honors</i>	<i>AP</i>
100	4.00	5.20	5.70	6.20	79	2.60	3.10	4.10	5.10
99	3.97	5.10	5.65	6.15	78	2.50	3.00	4.00	5.00
98	3.94	5.00	5.60	6.10	77	2.40	2.90	3.90	4.90
97	3.91	4.90	5.55	6.05	76	2.30	2.80	3.80	4.80
96	3.88	4.80	5.50	6.00	75	2.20	2.70	3.70	4.70
95	3.85	4.70	5.45	5.95	74	2.10	2.60	3.60	4.60
94	3.82	4.60	5.40	5.90	73	2.00	2.50	3.50	4.50
93	3.79	4.50	5.35	5.85	72	1.90	2.40	3.40	4.40
92	3.76	4.40	5.30	5.80	71	1.80	2.30	3.30	4.30
91	3.73	4.30	5.25	5.75	70	1.70	2.20	3.20	4.20
90	3.70	4.20	5.20	5.70	69	1.60	2.10	3.10	4.10
89	3.60	4.10	5.10	5.65	68	1.50	2.00	3.00	4.00
88	3.50	4.00	5.00	5.60	67	1.40	1.90	2.90	3.90
87	3.40	3.90	4.90	5.55	66	1.30	1.80	2.80	3.80
86	3.30	3.80	4.80	5.50	65	1.20	1.70	2.70	3.70
85	3.20	3.70	4.70	5.45	64	1.10	1.60	2.60	3.60
84	3.10	3.60	4.60	5.40	63	1.00	1.50	2.50	3.50
83	3.00	3.50	4.50	5.35	62	0.90	1.40	2.40	3.40
82	2.90	3.40	4.40	5.30	61	0.80	1.30	2.30	3.30
81	2.80	3.30	4.30	5.25	60	0.70	1.20	2.20	3.20
80	2.70	3.20	4.20	5.20	59	0.00	0.00	0.00	0.00

WEIGHTED GPA CALCULATION

Refer to weighted GPA index on previous page for Numerical Values

Course	Final Grade	Numerical Value	Credit Value	Quality Points
Honors English	85	4.70 x	5.0 =	23.5
CP Alg. II	95	4.70 x	5.0 =	23.5
AP History	80	5.20 x	5.0 =	26.0
CP Chemistry	75	2.70 x	6.0 =	16.2
CP French	82	3.40 x	5.0 =	17.0
Health	95	3.85 x	1.25 =	4.81
Phys Ed	95	3.85 x	3.75 =	14.4
Photography	98	3.94 x	5.0 =	19.7
TOTALS			36.0	145.11
145.11/36.0 = 4.0308333333		<u>GPA = 4.03</u>		

HONOR ROLL

Unweighted GPA

Honor Roll is calculated through the use of an unweighted GPA as calculated through the General column of the GPA index on Page 9.

Each marking period all students have the opportunity to attain recognition for either of two levels of academic achievement. The Honor Roll for each marking period will consist of the following:

- **PRINCIPAL’S LIST** - students who have attained “90” or above in all subjects.
- **HONORS LIST** - students who have attained “80” or above in all subjects.

Students who achieve the Honor Roll and their parents/guardians will receive a special Honor Roll pass. This pass will provide free admission to all school sponsored activities as well as an in-school Honor Roll celebration. Sample activities where the Honor Roll pass is accepted include plays, concerts, and athletic events. The Honor Roll pass will not be accepted for the prom, NJSIAA play-off games, or activities sponsored by the PTA or outside agencies.

The Honor Roll pass will be valid for activities held during the following marking period; e.g. a student who achieves the Honor Roll for the first marking period will be issued an Honor Roll pass good for the activities during the second marking period. In order to take advantage of this privilege, the Honor Roll pass must be presented at the time of the activity.

COLLEGE ACCELERATED PROGRAM

Delran High School, in partnership with Rowan College at Burlington County (RCBC), offers students taking select courses an opportunity to earn both high school and college credit.

Students selecting to take the CAP courses have the opportunity to earn high school credit, as well as RCBC credit. These courses are taught during the regular school day by members of the Delran High School staff, who are also certified as RCBC Adjunct Professors. Students who would like to receive college credits will be required to complete the RCBC registration process and pay the RCBC tuition. This process will be explained in more detail during the first weeks of the course.

It is recommended that you research the policies of any private or out-of-state colleges you are considering to find out their position regarding transfer credits. As per New Jersey Statute 18A:61-C-8, all public New Jersey higher education institutions must accept credits earned for college courses taken under articulation agreements between district Boards of Education and New Jersey colleges and universities. Once the payment and application have been sent to RCBC, there will be no refunds given.

Courses That Qualify for CAP Credit:

Business Technology

CP Global Marketing

English

AP Language & Composition

AP Literature & Composition

Mathematics

CP Calculus

AP Calculus

AP Statistics

Science

Honors Biology

AP Biology

Honors Chemistry

AP Chemistry

Honors Physics

AP Physics

Social Studies

CP Behavioral Science

AP European History

AP Government & Politics

Honors US History I

AP US History II

World Languages

Honors French IV

Honors French V

Honors German IV

Honors German V

Honors Spanish IV

Pre AP Spanish IV

AP Spanish V

Some courses are not eligible for credit if a prerequisite course has earned CAP Credit. Please speak with your Guidance Counselor for more specific details.

SUMMER SCHOOL

The Delran Township School District does not offer a standard summer school; however, the Guidance Department does have information regarding offerings at neighboring schools as well as online options. A complete list can be found on the Guidance Department's webpage. When it is necessary or desirable for a student to attend summer school, students are expected to consult with their Guidance Counselor.

Students who take a course for remediation may enroll at any accredited college/university or through another high school or approved virtual high school courses. Students who wish to take advantage of this program **must** contact their counselor and be approved. Upon completion of the course, an official transcript must be procured by the student and presented to his/her counselor in order for the credit to appear on the transcript and proper courses scheduled. This process must be completed by August 30, 2016. No more than one outside course per subject area will be applied to required graduation credits.

PROGRAM PLANNING

The information below should be used as a guide for program planning as each student and parent/guardian works to select courses for each year of a student's four-year high school career. A four-year planning worksheet is available on the following page to assist with this process.

It is important to consider teacher and counselor recommendations and to consider individual student interests, abilities, and needs in building a student schedule. Students and parents/guardians are encouraged to review the course guide and discuss course selections prior to the student's counselor scheduling conference. Students and parents/guardians should not hesitate to contact the counselor through the Delran High School Guidance Department, 856-461-6100, ext. 3008 with any questions regarding course selection and long-range planning.

Important Scheduling Points:

1. A thorough review of course offerings in the course guide posted on-line on the DHS web site should be conducted by students and parents/guardians with close attention to course expectations, course levels, and prerequisites.
2. A student's program should be determined on the basis of previous performance in the subject area selected, test results, career and/or educational goals, teacher and counselor recommendations, and parent/guardian permission.
3. **Students who schedule three (3) or more AP courses are strongly encouraged to also schedule a study hall.**
4. All students are expected to register for a minimum of 35 credits per academic year.
5. Each student will be scheduled for a lunch period.
6. Students can schedule themselves for only one study hall.
7. Scheduling for classified students involves the advice and recommendations of the Child Study Team.
8. Elective courses have limits on the number of students who may be accommodated.
9. Course requirements for graduation take priority in the scheduling process over elective courses. Therefore, elective courses chosen during a scheduling conference are tentative.
10. Some courses may not be offered each year or cancelled due to lack of enrollment.
11. Each student will receive a printout of course requests at the end of his/her scheduling conference with their DHS School Counselor which must be signed and returned to Guidance.
12. Student course requests for verification will be accessible on the Realtime Portal in early April. Should there be any questions or concerns, parents/guardians and students are responsible for notifying the counselor regarding a change in course selection. **Parents/guardians will be notified via an e-blast and the DHS web site of the deadline for course request changes.**
13. Valid reasons for schedule changes in September are limited to the correction of a computer error, addition of a required course, addition of credits required by seniors for graduation, and an adjustment for summer school completion. **No schedule changes, except for those reasons indicated above, will be allowed before the first level change window opens, beginning on September 12, 2016.**

SCHEDULE CHANGES

Present School Year

There should be very little need to change a schedule after the initial selection of courses, due to the emphasis placed on the course selection process and individual meetings with teachers and counselors. Valid reasons for schedule changes are limited to the correction of a computer error, addition of a required course needed for graduation, addition of credits required by seniors for graduation, or an adjustment for summer school completion.

Scheduling Waiver Form

Should a student wish to go against the teacher recommendation and move to a higher level, a form must be completed and the appeal given to the appropriate area supervisor. **The deadline for this process is March 22, 2016. There will be NO exceptions to this deadline.**

Summer

If a student feels at the conclusion of the school year **and** has discussed this with their parents/guardians, teachers, and school counselors, that a schedule change is necessary for the following year, he/she must initiate that change by **July 31, 2016**. Our counselors are available throughout the month of July. A calendar of counselor coverage will be posted on the Guidance Department Webpage by June 1, 2016. Please note, it is NOT necessary to speak with your child's specific counselor for most course changes.

Level Changes

A change in level of a specific subject may only be made after thorough discussion is held with the student, parent/guardian, counselor, teacher and an administrator. There will be three time periods during which a student may change a level; however, no waivers will be accepted after **March 22, 2016**.

Dropping a Course

A student may drop a course prior to the end of the first marking period, or prior to the end of the third marking period for a second semester course. If a student drops a course up to the end of the sixth week of the first marking period, no notation will be recorded on the permanent record. Dropping a course after this period will result in a grade of "WP" or "WF."

Entry Into a New Course

No student may enter a new course after dropping a course after the end of the fourth week of the course commencing.

Summary

Dates	Changes Permitted	Transcript Notation	Other Requirements
3/22	Deadline for Waivers		
3/25 – 5/31	No Changes Permitted		
6/1 – 7/31	Move Up/Drop In level No Waivers will be honored.	None	Summer assignments must be completed by the opening of school.
8/1 – 9/9	No Changes Permitted		
9/12 – 9/16	Move Up/Drop In level No Waivers will be honored.	None	Moving Up/Dropping Down: Student will make up all missing work including summer assignments by October 1, 2016.
10/3 – 10/7	Drop in level	None	Grade = 50% from original course and 50% from the new course
After 10/10	Drop in level	"WP" or WF"	Grade = 100% from original course

CARNEGIE UNITS

A Carnegie Unit is a year-long or 5 credit academic course whose standards are determined by the Carnegie Commission on Higher Education. Typically, 16 Carnegie Units are necessary for admission to most colleges. Top tier colleges look for more than 16 units, stressing depth and breadth of course selections.

English - 4 units

Science - 2 units (Biology, Chemistry, or other 6 credit Science courses)

Math - 2 units (Algebra, Geometry, or above) Note: Many colleges are requiring 3 units

Social Studies - 3 units

Foreign Language - 2 units of the same Foreign Language taken in High School

Total - 13 units plus 3 additional academic units

COURSE SELECTIONS

When selecting courses, students should remember the following:

- For students considering education beyond high school, it is important to select sufficient courses to meet college entrance requirements. College or vocational plans should be formulated no later than the junior year to allow sufficient time to take additional courses to meet specific requirements.
- Students planning to select a World Language course for college acceptance need to receive credit for two continuous years of the college preparatory level to satisfy most college admission requirements. Most top-tier colleges look for at a third level of a language.
- Delran High School, in cooperation with local business and industry, offers supervised, cooperative work experience programs in the senior year.
- Senior Option is a program available to students who wish to pursue alternative learning strategies including community college attendance, trade or technical training, and approved courses from internet sources. Please note that courses can only be taken at RCBC if DHS **does not** offer the course for CAP credit.

COURSE DESCRIPTIONS

Resource Center Replacement Classes

These classes are based on the recommendation of the teachers in conjunction with the Child Study Team for students with an Individualized Education Plan (IEP). These courses are designed to accommodate various learning needs and learning differences. Highly individualized and differentiated instruction is characteristic of these classes, helping students to achieve success while providing a curriculum aligned with the standard curriculum for the subject.

General

These courses reinforce and build upon prerequisite knowledge. These courses are moderately paced and prepare students to continue their formal education after high school. The classes generally involve smaller class size and increased individualized instruction, along with varied approaches to instruction.

College Preparatory (CP)

These courses require command of prerequisite knowledge and are rigorous. They are designed to prepare students to continue their formal education at a four-year college. They require students to work independently and have strong organizational skills. Average to above-average reading and writing skills are needed for success on this level.

Honors (H)

These courses require advanced facility with reading and with written and spoken language. Strong organizational skills and the ability for a student to work independently are required. Students are challenged to think abstractly and to demonstrate strong problem-solving skills in Honors level classes.

Advanced Placement (AP)

These courses require a strong command of prerequisite knowledge and are extremely rigorous. Students will be expected to meet rigid and demanding standards since the content is prescribed by a national curriculum. The pace of these courses requires above-average skills related to work ethic and thinking and reasoning skills. AP courses are demanding and require independent study and learning on the part of the student. Students will be recommended for courses based on test scores, previous academic progress, counselor and teacher input.

DELRAN HIGH SCHOOL
Four-Year Summary Worksheet

COURSES	GRADE 9	GRADE 10	GRADE 11	GRADE 12
English				
Mathematics				
Science				
Social Studies				
World Language				
21 st Century Life and Career Ed.				
Visual and Performing Arts				
PE/Health				
Financial Literacy				
Total Credits				

Testing Proficiency(Passing):

- Language Arts
- Math

SCIENCE:

- Biology
- Chemistry
- Science Course

VISUAL & PERFORMING ARTS (5 credits):

- 2.5 Credits: _____ and _____
- 2.5 Credits: _____ or _____
- 5 Credits: _____

ENGLISH:

- English 9
- English 10
- English 11
- English 12

SOCIAL STUDIES:

- World History
- US History 1
- US History 2

FINANCIAL, ECON, BUSINESS & ENTREPR. LIT:

- 2.5 Credits: _____

WORLD LANGUAGE:

- Year 1

21ST CENTURY LIFE & CAREER or CAREER – TECH ED (5 Credits):

- 2.5 Credits _____ and _____
- 2.5 Credits _____ or _____
- 5 Credits _____

PE/HEALTH:

- 9TH Grade
- 10th Grade
- 11th Grade
- 12th Grade

MATHEMATICS:

- Algebra I
- Geometry
- Year Three

NCAA INITIAL ELIGIBILITY REQUIREMENTS

<https://web1.ncaa.org/eligibilitycenter/common>

ATTENTION: All prospective student-athletes who want to play NCAA Division I or II intercollegiate athletics must be certified by the NCAA Eligibility Center to be eligible to play.

It is each student's responsibility to check online for all regulations and for updates. The eligibility center may be accessed at http://web1.ncaa.org/ECWR2/NCAA_EMS/NCAA.html. This comprehensive site provides all the information resources needed to initiate the application process. Specific information regarding eligibility may be accessed by contacting the eligibility center staff at (877) 262-1492.

To be certified by the Eligibility Center, a student must: Graduate from high school and an application for certification must be completed and submitted after the Junior year. The NCAA Eligibility Center will issue a preliminary certification report when all materials have been submitted. Following graduation from high school, the NCAA Eligibility Center will review the final high school transcript and will make a final certification decision according to NCAA standards.

Division I

If you enroll in a Division I college, in order to qualify to participate in athletics or receive an athletic scholarship, you must graduate high school having completed these 16 College Prep Level core courses:

- 4 years of English
- 3 years of Mathematics (Algebra I or higher)
- 2 years of Natural or Physical Science (1 year of Lab Science if offered by your high school)
- 1 year of additional English, Mathematics, or Natural/Physical Science
- 2 years of Social Science
- 4 years of additional courses (from any area above, or World Language)
- Earn a minimum required grade-point average in your core courses
- Earn a combined SAT or ACT sum score that matches your core-course grade-point average and test score sliding scale

Division II

If you enroll in a Division II college between now and July 31, 2016, in order to qualify to participate in athletics or receive an athletic scholarship, you must graduate high school having completed these 14 College Prep Level core courses:

- 3 years of English
- 2 years of Mathematics (Algebra I or higher)
- 2 years of Natural or Physical Science (1 year of Lab Science if offered by your high school)
- 2 year of additional English, Mathematics, or Natural/Physical Science
- 2 years of Social Science
- 3 years of additional courses (from any area above, or World Language)
- Earn a 2.000 grade-point average or better in your core classes (non-weighted)
- Earn a combined SAT score of 820 or an ACT sum score of 68

If you enroll in a Division II college beginning August 1, 2016 and after, in order to qualify to participate in athletics or receive an athletic scholarship, you must graduate high school having completed these 16 core courses:

- 3 years of English
- 2 years of Mathematics (Algebra I or higher)
- 2 years of Natural or Physical Science (1 year of Lab Science if offered by your high school)
- 3 year of additional English, Mathematics, or Natural/Physical Science
- 2 years of Social Science
- 4 years of additional courses (from any area above, or World Language)
- Earn a 2.000 grade-point average or better in your core classes (non-weighted)
- Earn a combined SAT score of 820 or an ACT sum score of 68

For more information, please go to the NCAA eligibility center at:
<https://web1.ncaa.org/eligibilitycenter/common/>.

If you have questions about NCAA eligibility, please call the NCAA eligibility center toll-free at 877-262-1492. You may also call the NCAA at 317-917-6222.

CO-CURRICULAR ELIGIBILITY

1. Academic eligibility at Delran High School is determined in January and June each year.
2. All incoming students from grammar school (8th Grade – incoming freshmen) are eligible for any activity that runs from September through December. These include the fall and winter sports seasons.
3. Students other than incoming freshmen (sophomores, juniors, seniors, transfer students and any students in their second year or higher or secondary school) shall have their first semester eligibility based on their final grades from the previous year, may not have failed more than one course, and must have passed 30 credits required by the State of New Jersey for graduation.
4. To be eligible for athletic competition during the period from January through June of the 9th grade or higher, a student may not have failed more than one course and must have 15 credits required by the State of New Jersey for graduation. Full-year courses shall be equated as one-half of the total credits to be gained for the full year to determine credits passed during the immediate preceding time period.
5. Passing summer school grades replace final grades for any courses failed during the previous year.
6. Once becoming ineligible, a student remains ineligible until the end of the semester following the failing grade.
7. Any student who becomes ineligible during a sports season may finish that season.

Note: Students who fail courses will be notified first by the subject matter teacher. The Counselor will confer with the student to present possible options for making up the deficiency, such as attendance at summer school, doubling up courses during the subsequent year, etc.

A letter will also be sent home notifying the parent/guardian of the student's failure and will include recommendations for correcting the deficiency. Each Athletic Coach or Activity Advisor has the primary responsibility for verifying the eligibility of all students on that team or activity. The Coach or Advisor will make every possible effort to confer with any student who becomes ineligible while participating in that team or activity.

ART

The Art Department provides students the opportunity to investigate many areas of art through the use of media and technique. Coursework emphasizes problem solving, craftsmanship, personal expression, and the critique process. Relevant art history and appreciation topics are addressed throughout each unit of study. The four areas within the department (Art, Graphic Design, Video, and Photography) are designed to provide students an introductory course, while offering a course sequence for continued study.

811 CP ART I

Course Length: Year

Credits: 5.0

Grade Level: 9, 10, 11, 12

CP ART I is a foundation course focusing on two and three-dimensional art. This course will explore drawing, painting, sculpture, and ceramics. This course is necessary for any further experience in art courses throughout the department and recommended for students of all interest levels.

812 CP ART II

Course Length: Year

Credits: 5.0

Grade Level: 10, 11, 12

Prerequisite: Art I

CP ART II is designed for students who want to further develop their skills in two and three-dimensional art. An emphasis will be placed on advancing drawing techniques and design concepts. Students will be responsible for completing weekly assignments in their sketchbooks. This course is necessary for students interested in continuing their study throughout the department and recommended for students interested in advanced art making.

813 CP ART III

Course Length: Year

Credits: 5.0

Grade Level: 11, 12

Prerequisite: Art II

CP Art III is designed for students who want to develop portfolio quality work in two and three-dimensional art. Students will begin to establish their personal style and be encouraged to investigate personal areas of interest. This course is necessary for any student preparing to continue their study at the college level and recommended for students that have developed a passion for art making.

815 CP ART PORTFOLIO 2D

Course Length: Fall Semester

Credits: 2.5

Grade Level: 12

Prerequisite: Art III

CP Art Portfolio 2D is designed as an independent study. Students must be motivated to develop two-dimensional art that will serve to enhance their current portfolio. Use of drawing and painting techniques from prior art courses will be used to create conceptually based artwork. Students will have the opportunity to showcase their individual portfolios in a gallery-like setting within the building.

825 CP ART PORTFOLIO 3D

Course Length: Spring Semester

Credits: 2.5

Grade Level: 12

Prerequisite: Art III

CP Art Portfolio 3D is designed as an independent study. Students must be motivated to develop three-dimensional art that will serve to enhance their current portfolio. Use of sculpture and ceramics techniques from prior art courses will be used to create conceptually based artwork. Students will have the opportunity to showcase their individual portfolios in a gallery-like setting within the building.

831 CP GRAPHIC DESIGN

Course Length: Year

Credits: 5.0

Grade Level: 9, 10, 11, 12

This is an introductory project based course for students interested in exploring graphic design. Students will be introduced to the elements and principles of design with an emphasis in computer graphics. Students will learn both the fundamentals of the graphic design process along with an introduction to Adobe Illustrator.

832 CP ADVANCED GRAPHICS

Course Length: Year

Credits: 5.0

Grade Level: 10, 11, 12

Prerequisite: Successful Completion of Graphic Design

This is an accelerated college preparatory course for serious students interested in graphic design. Students will be introduced to advanced techniques in Adobe Illustrator with an emphasis on production and commercial design. Typography and page composition and layout will also be explored. With this in mind, students are expected to be self-motivated and hardworking. This course would also appeal to those students interested in Advertising and Marketing.

833 CP PACKAGING AND LOGO DESIGN

Course Length: Semester

Credits 2.5

Grade Level: 11, 12

Prerequisites: Successful Completion of Advanced Graphics

This course is designed for those students who are planning to pursue a college course of study in graphic design or a career in the graphics field. Students will continue to explore print and digital media production focusing on logo and packaging design. Students will continue to master disciplines in all phases of digital media design. Portfolio development is a main goal for this course.

834 CP ILLUSTRATION AND EDITORIAL DESIGN

Course Length: Semester

Credits 2.5

Grade Level: 11, 12

Prerequisites: Successful Completion of Advanced Graphics

This course is designed for those students who are planning to pursue a college course of study in graphic design or a career in the graphics field. Students will learn editorial design terminology as well as master advanced illustration skills to create meaningful and career relevant digital artwork. Portfolio development is a main goal for this course.

835 CP GRAPHIC DESIGN PORTFOLIO DEVELOPMENT

Course Length: Semester

Credits 2.5

Grade Level: 11, 12

Prerequisites: Successful Completion of All Graphics Courses

This course is designed as an independent study. Students must be motivated to develop digital art that will serve to enhance their current portfolio. This course is subject to teacher availability.

841 CP VIDEO PRODUCTION

Course Length: Year

Credits 5.0

Grade Level: 9, 10, 11, 12

Video Production is an entry-level, project-based course that will involve students in every stage of the film and on-screen graphics process. Students will become skilled at using cameras, lighting, and industry standard editing equipment. Projects will benefit the school and district community, as well as enrich the student experience. This course will look at the history of film, special effects, and animation techniques while focusing on the fine art side of digital media.

842 CP ADVANCED VIDEO PRODUCTION

Course Length: Year

Credits 5.0

Grade Level: 10, 11, 12

Prerequisite: Video Production

Advanced Video Production is for students who excelled in Video Production and want to further their exposure and skills. Students will build upon their initial experiences with MAC computers, video equipment, editing, special effects, and animation at a higher level. Main goals of the course include developing student films, building props and prosthetics, and rendering animations. Advanced Video will allow students to focus on commercially viable media used in various industries and occupations, as well as look at the creative side of film-making for the fine art world.

843 CP FILM COMMERCIAL PRODUCTION

Course Length: Semester

Credits: 2.5

Grade Level: 11, 12

Prerequisite: Advanced Video Production

This is an accelerated film course designed to focus on client-based projects resembling real world scenarios, appealing to those interested in the marketing and promotional aspects of film. Students will learn about client relations and freelancing, as well as developing the skills needed to shoot product footage and stage advertisements. This course plans to promote school events and activities while learning new film techniques.

844 CP ANIMATION

Course Length: Semester

Credits: 2.5

Grade Level: 11, 12

Prerequisite: Advanced Video Production

This is a project-based course that will immerse students in modeling and animating 3-dimensional figures, objects, and environments for various media. Students will learn basic principles of modeling and animation with emphasis on shape, proportion, and traditional art elements. Advanced concepts of physics and game engines will also be studied. This course will provide students with the skills needed to use professional rendering software in a studio or corporate environment.

845 CP MULTIMEDIA PORTFOLIO DEVELOPEMENT

Course Length: Semester

Credits 2.5

Grade Level: 11, 12

Prerequisites: Successful Completion of All Video Courses

This course is designed as an independent study. Students must be motivated to develop video projects that will serve to enhance their current portfolio. This course is subject to teacher availability.

851 CP PHOTOGRAPHY

Course Length: Year

Credits: 5.0

Grade Level: 9, 10, 11, 12

This course is an exploration of how a photograph is created and edited in Adobe Photoshop. Students will learn digital camera operation, elements of a photograph, and digital editing of an image. A major focus of the course will be editing digital photography utilizing basic photo editing skills with the use of Adobe Photoshop. Emphasis is also placed on composition and the creative aspects of photography.

852 CP ADVANCED PHOTOGRAPHY

Course Length: Year

Credits: 5.0

Grade Level: 10, 11, 12

Prerequisite: CP Photography

This course is designed for those students who wish to further their knowledge and skills in digital photography and Adobe Photoshop. Students will gain a greater understanding of the camera, lighting, darkroom, and computer programs connected to the development of digital photography within the studio setting. The course will contain projects which require the students to apply their learned knowledge of lighting, spacing, shapes, and proximity.

***853 CP PHOTOJOURNALISM (Coming in 2017-2018)**

Course Length: Semester

Credits: 2.5

Grade Level: 11, 12

Prerequisite: Advanced Photography

Students will learn and create stories with photography. Projects will be relevant to supporting the surrounding school clubs, activities, events as well as personal and current events through photographs. The course will require students to plan, document, and create promotional and informational slideshows and photo presentations using Adobe Photoshop that will capture the theme and emotion of the designated subject. Students will build upon the programs within their previous coursework.

***854 CP PROFESSIONAL STUDIO PHOTOGRAPHY (Coming in 2017-2018)**

Course Length: Semester

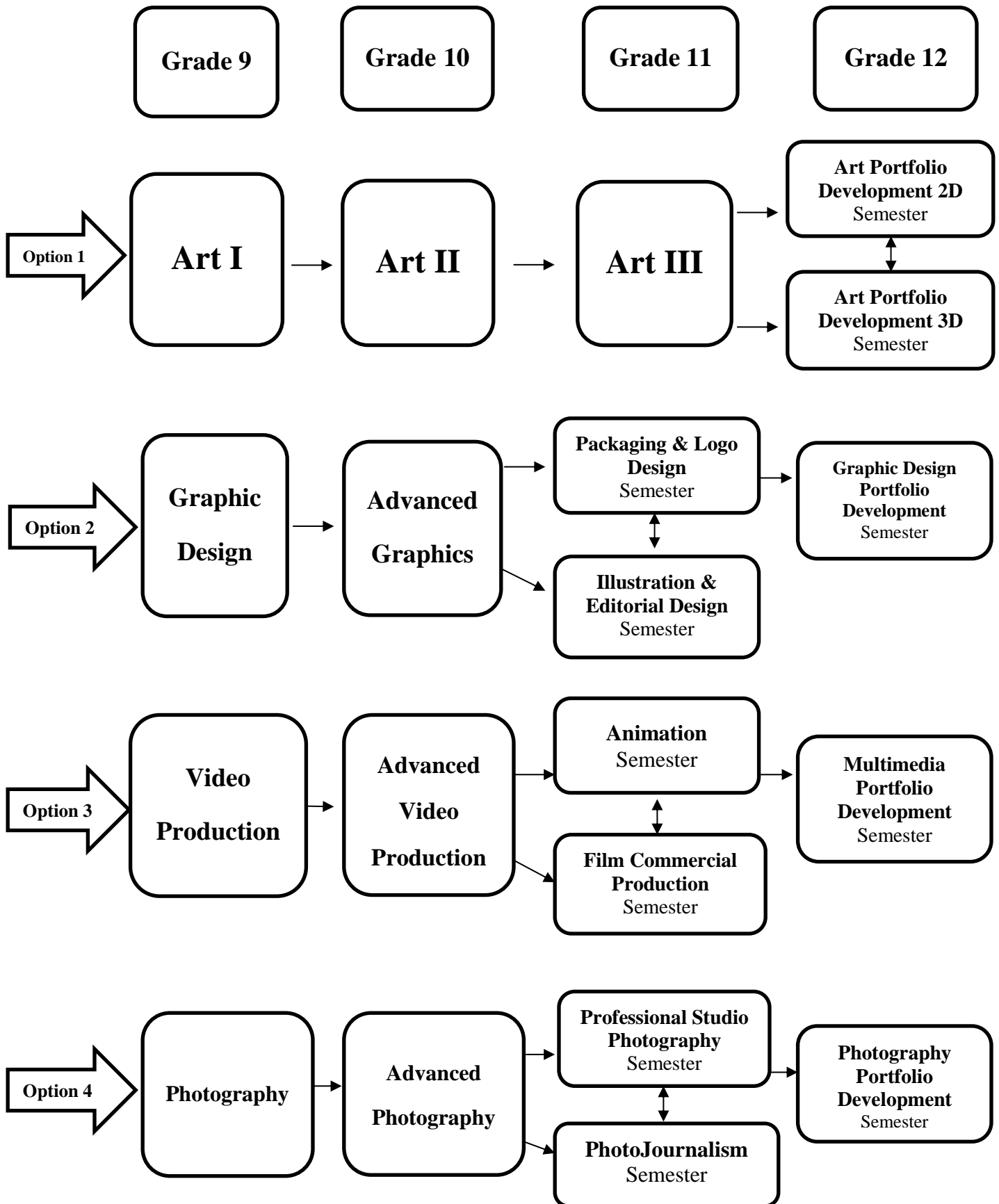
Credits: 2.5

Grade Level: 11, 12

Prerequisite: Advanced Photography

This course is designed to give those students who wish to further their knowledge and experience in Digital Photography using Adobe Photoshop. Students will gain a better understanding of the camera, lighting techniques, props and set design. Students will experience the real-life application of a professional photographer's studio in the classroom. Students will learn to create storyboards for a shoot. Students will shoot commercial/product, fashion, lifestyle and portrait photography.

COURSES SEQUENCE FOR ART



BUSINESS TECHNOLOGY

The Business Department offers many courses and programs to meet the various career goals of all students. Our technology program teaches introductory as well as advanced computer skills. Students can earn a certification within Microsoft that can be used to seek employment of additional educational pursuits. Our courses are highly recommended for students preparing for their college major in business or a related field and for those who are presently employed or plan to seek employment in the near future. There are a variety of options for certificates of recognition and/or Dual Credit (DC) established by the CAP Program in partnership with Burlington County College (BCC).

600 CP FRESHMAN SEMINAR/PERSONAL FINANCE

Course Length: Year - 1st Semester Seminar /2nd Semester Financial Literacy Credits: 5.0

Grade Level: 9 Required

Freshman Seminar provides 9th graders with everything they need to know to survive high school, college or the workplace. Students will improve life skills by incorporating the content of their required summer reading book. The students will review personal responsibility, setting long-term goals based on true-north principles, and how to incorporate effective time management strategies. They also encourage students to listen to another's point of view, to value other people's opinions, to work in teams, and to focus on balanced self-renewal. During the second semester, students will transition to the New Jersey State mandated Personal Finance piece of the course. They will examine the impact of individual choices on occupational goals and future earnings potential. This course will provide a foundational understanding for making informed personal financial decisions. It also incorporates fundamental business concepts that will prepare students to successfully interact in a complex business environment and studies basic economics from both a business and a historical perspective. *This course satisfies the graduation requirement for Economics and Personal Financial Literacy dictated by the New Jersey Department of Education.*

610 CP INTRO TO BUSINESS

Course Length: Semester

Credits: 2.5

Grade Level: 10, 11, 12

This course will prepare students to succeed in a complex business environment. Students learn how to improve their ability to reach personal as well as career goals. It includes units of instruction on business/personal law, entrepreneurship, human resources, employability skills, career awareness, work ethics, business organization and management, advertising, marketing, personal financial literacy, economics and international business. Emphasis will be placed on the impact of technology and growing influences of a world market on our business enterprises.

This course satisfies the graduation requirement for Economics and Personal Financial Literacy dictated by the New Jersey Department of Education.

611 CP MICROSOFT OFFICE SUITE

Course Length: Year

Credits: 5.0

Grade Level: 10, 11, 12

A must course for all students in our technology age. This course will combine the Microsoft programs **Excel, PowerPoint, Access and Publisher**. Excel will give students a comprehensive knowledge of using databases through spreadsheets, worksheets and analyzing numerical data. PowerPoint is designed to give students a comprehensive knowledge of multimedia applications. Access is Microsoft's powerful database tool. Students will learn to store, retrieve, and report information. Microsoft Publisher helps a student easily create, customize, and publish materials such as newsletters, brochures, flyers, catalogs and web sites. Students will have the opportunity to take the Microsoft Certification Assessment and upon passing

will receive a certificate they can use in the workplace or subsequent education. Students will be responsible for the cost of the certification test.

621 CP ACCOUNTING I

Course Length: Year

Credits: 5.0

Grade Level: 10, 11, 12

This course is designed for the college-bound student and taught using both manual and computerized accounting methods. It covers the fundamental accounting principles that are developed in an entry-level accounting course. A brief overview of internal reporting and analysis will be presented. Accounting I is designed to teach students how to keep business records of various operations. The accounting cycle is covered in complete detail from the recording of an entry from a source document through the preparing of financial statements. Students will be able to analyze transactions and compare and interpret financial statements for a business.

622 CP ACCOUNTING II

Course Length: Year

Credits: 5.0

Grade Level: 11, 12

Prerequisite: CP Accounting I

This course is designed for students who wish to pursue a career in business or attend college as a business major. Students will use a computerized accounting package to learn and use advanced accounting techniques. This course is designed to give students expanded knowledge of the topics of proprietorship, partnership, and corporate accounting. It also adds new topics to management accounting, cost accounting, not-for-profit accounting, and financial analysis. Students will be able to do the following: record departmental purchases and cash payments; calculate and record departmental payroll data; do financial reporting for a departmentalized business; and, understand vouchers, inventory planning, and valuation.

624 CP ENTREPRENEURSHIP

Course Length: Semester

Credits: 2.5

Grade Level 11, 12

Prerequisite: Advertising and Marketing 101 or Sports and Entertainment Marketing

This course will introduce students to the skills necessary to become successful entrepreneurs as a business owner or employee. Students will learn what it is like to run one's own business, what is involved in starting a business, and what problem-solving techniques are needed to be successful in business. Students will hear from successful business owners and have the opportunity to interview and present an individual business owners path to success.

660 CP ADVERTISING AND MARKETING 101

Course Length: Semester

Credits: 2.5

Grade Level: 9, 10, 11, 12

Advertising and Marketing 101 is an introduction to the role of marketing in the United States and global economy with emphasis on how organizations create customer value through strategic marketing planning. Topics covered include: buyer behavior, market segmentation, the 4 P's of the marketing mix, product planning, customer service, green marketing, and corporate social responsibility. Other course topics include: Economics, International Marketing, Branding, Purchasing/Buying, Advertising and Visual Merchandising. This marketing course will utilize "Bear Essentials" the school store, as a laboratory experience. The strategic approach to this course appeals to the creative and artistic abilities of Graphic Design and Multi-Media students!

661 CP ADVANCED MARKETING AND PUBLIC RELATIONS

Course Length: Semester

Credits: 2.5

Prerequisite: Advertising and Marketing 101, Global Marketing, or Sports and Entertainment Marketing

Grade Level: 10, 11, 12

Love to shop both in stores and online? Do you crack up laughing at creative commercials? Can you see yourself working overseas as a businessman or woman? Are you interested in fashion and trends? If so, then **Advanced Marketing and Public Relations** is for you! Students will learn about the following topics and how they relate to business: *Social Media; Dining Etiquette; Fashion Marketing and Color Theory (Why is the Starbucks logo green and black while Dunkin Donuts is pink and orange?); Retail and E-Commerce; Global Marketing; Marketing Research; Advertising; Organizational Behavior; Public Relations; Sale; and Career Research and Preparation*. This course will provide the student with a working knowledge of marketing and a competitive edge against their peers in industry! The strategic approach to this course appeals to the creative and artistic abilities of Graphic Design and Multi-Media students!

662 CP SPORTS & ENTERTAINMENT MARKETING

Course Length: Semester

Credits: 2.5

Grade Level: 9, 10, 11, 12

Sports and Entertainment Marketing is designed to expose students to this exciting and growing area of marketing! Students will be exposed to both the marketing of sports and entertainment as well as through sports and entertainment! This hands-on class has a major emphasis in the following areas: marketing concepts, concessions, security, contracts and negotiations, market research, media and promotions, public relations, sponsorship, logos, event management, licensing, planning and executing the operations of events. Travel, tourism, film, music, and television marketing will also be covered in this class. This marketing course will utilize “Bear Essentials”, the school store, as a laboratory experience. The strategic approach to this course appeals to the creative and artistic abilities of Graphic Design and Multi-Media students!

§663 CP GLOBAL MARKETING

Course Length: Year

Credits: 5.0

Grade Level: 11, 12

The golden arches are one of the most recognizable corporate logos in America today! Americans are all familiar with McDonald’s famous golden fries, Chicken McNuggets, Big Macs, and now McCafes! But did you know that last year, international sales accounted for more than 60% of its \$23.5 billion in total revenues for McDonalds? What works in the US is not always successful overseas. For example: McDonald’s in Germany serves beer. Parts of Canada offer the McLobster, lobster roll. And in Chile, you can dress your burgers with – not ketchup – but avocado paste! McDonald’s secret to success: Marketing! Global Marketing is a new course exposing which business strategies work best in overseas markets. This marketing course may utilize “Bear Essentials”, the school store, as a laboratory experience.

671 FINANCIAL LITERACY

Course Length: Year

Credits: 5.0

Grade Level: 9

Financial Literacy provides 9th graders with everything they need to know to survive high school, college or the workplace. Students in this course will receive small group instruction with individual attention given to specific student needs. Students will concentrate on skill development in personal responsibility, setting long-term goals and incorporating effective time management strategies. Students are also

encouraged to listen to another’s point of view, to value other people’s opinions, to work in teams, and to focus on balanced self-renewal. During the second semester, students will transition to the New Jersey State mandated Personal Finance piece of the course. They will examine the impact of individual choices on occupational goals and future earnings potential. This course will concentrate on providing a foundational understanding for making informed personal financial decisions. This course satisfies the graduation requirement for Economics and Personal Financial Literacy dictated by the New Jersey Department of Education. Specific accommodations and modifications will be provided and goals and objective will be addressed as indicated by the students’ Individualized Education Plan (IEP).

690 CP COOPERATIVE MARKETING EDUCATION

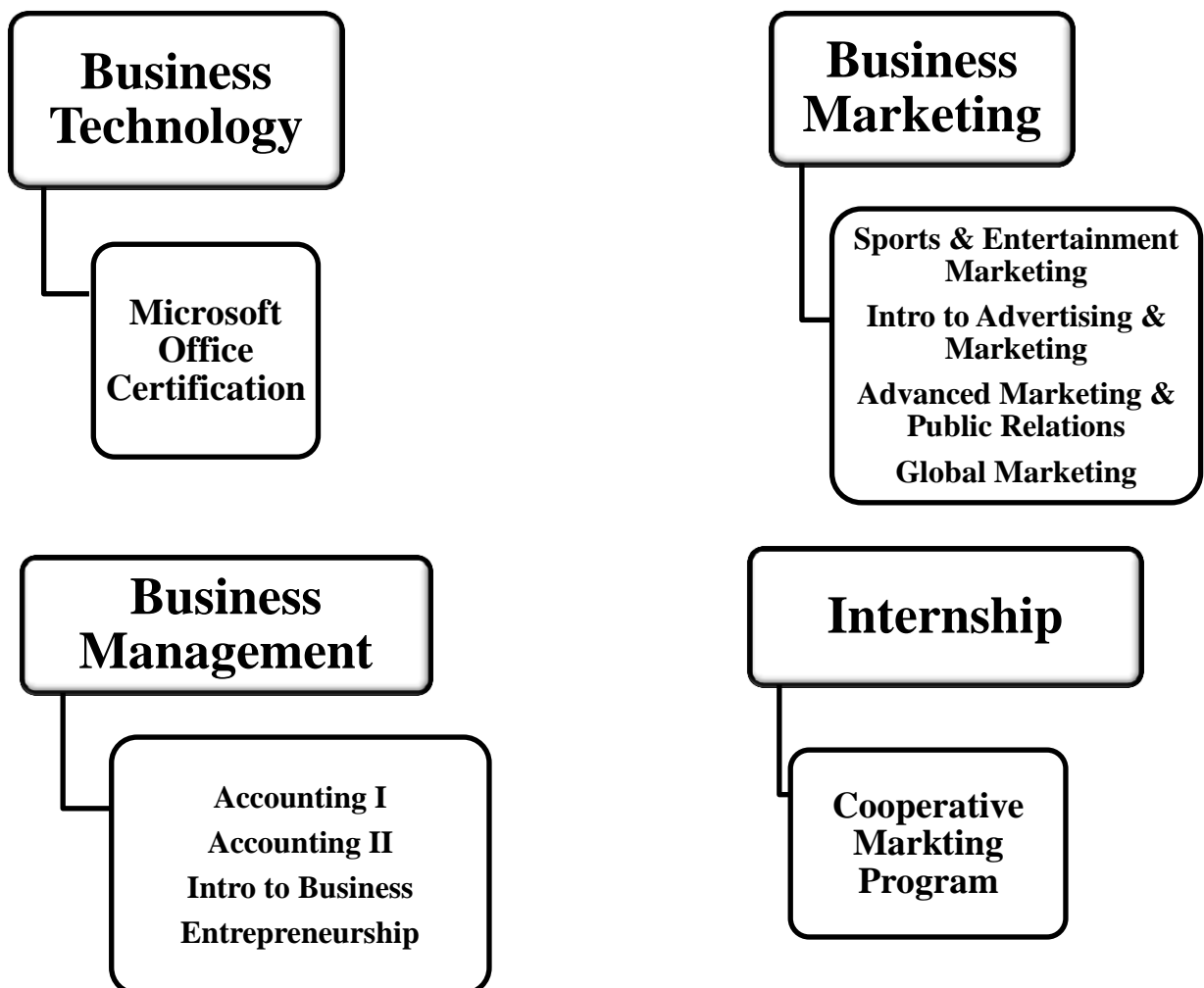
Course Length: Year

Credits: 15.0

Grade Level: 12

Cooperative Marketing Education is designed for the student who wants to work part time in a paid structured learning experience in a business environment. Cooperative Marketing Education provides a background for either attending college or obtaining full-time employment following graduation from high school. Throughout the course of the year, students participate in school and supervised paid work experiences with cooperating employers. In the related class, students will participate in discussions, small group learning, research, and on-the-job training. Skills related to their career objective will be explored.

COURSE SEQUENCE FOR BUSINESS EDUCATION



All Business Education courses are College Preparatory level.

ENGLISH

The English Department's program helps the student to acquire the skills of communication and comprehension necessary for success in college and business. Each student must select one of the four year-long English courses. Courses vary in the difficulty of content; students should select a program based upon current needs and future plans. New Jersey Core Curriculum Content Standards have been incorporated into all English courses. For incoming Freshmen, exceptionally-able students who have maintained at least a B average in their previous Reading and Language Arts courses, should consider the Honors-level course; students who have struggled in their Reading and Language Arts classes should consider the non-college preparatory level course. Each English class is based on the previous year's foundation, so initial selection should be made carefully. In addition, the English Department offers a wide variety of year-long electives open to students in all grades. Students must enroll in a year-long English course; electives may be chosen in addition to the year-long course.

110 FORMS OF LITERATURE AND COMPOSITION 9

Course Length: Year

Credits: 5.0

Grade Level: 9

In this freshman level course, the major genres of literature are examined through a variety of texts. Reading, writing and vocabulary skills as well as critical thinking and analytical skills as identified in the Delran English Department's Curriculum and in the Common Core Standards for English Language Arts are emphasized at a level and pace appropriate for the students. Speaking, listening, and viewing skills are incorporated into the curriculum, as well as technology usage for presentation, research, and communication purposes. Research skills are continuously developed throughout the year. **Students who have struggled in their Language Arts classes in middle school should consider this course.**

111 CP FORMS OF LITERATURE AND COMPOSITION 9

Course Length: Year

Credits: 5.0

Grade Level: 9

In this freshman level course, the major genres of literature are examined through a variety of texts. Reading, writing and vocabulary skills as well as critical thinking and analytical skills as identified in the Delran English Department's Curriculum and in the Common Core Standards for English Language Arts are emphasized at a level and pace appropriate for the students. Speaking, listening, and viewing skills are incorporated into the curriculum, as well as technology usage for presentation, research, and communication purposes. **Students who are planning to attend college should consider this course.**

112 HONORS FORMS OF LITERATURE AND COMPOSITION 9

Course Length: Year

Credits: 5.0

Grade Level: 9

This course emphasizes the development of strong analytical thinking, reading and writing skills necessary for success in the AP Program as well as those skills identified within the Delran English Curriculum and the Common Core Standards for English Language Arts. The major genres of literature are studied with a concentration on literary concepts as well as reading pertinent nonfiction. Writing skills are developed for literary and non-literary purposes. Research skills are continuously developed. Speaking, listening and viewing skills are incorporated into the curriculum as well as the use of technology for presentation, research, and communication purposes. **This course is best suited for students who earned an "A" or "B" in their 8th grade Language Arts/Reading courses.**

171 FUNDAMENTALS OF FORMS OF LITERATURE AND COMPOSITION 9

Course Length: Year

Credits: 5.0

Grade Level: 9

Students in this course will receive small group instruction with individual attention given to specific student needs. Course content will concentrate on further development of vocabulary and reading comprehension in literature and nonfiction as well as writing skills based on the Delran English Curriculum for 9th grade and the Common Core Standards for English Language Arts. Specific accommodations and modifications will be provided and goals and objective will be addressed as indicated by the student's Individualized Education Plan (IEP).

181 PRINCIPLES OF FORMS OF LITERATURE AND COMPOSITION 9

Course Length: Year

Credits: 5.0

Grade Level: 9

Students in this course will receive small group instruction with individual attention given to specific student needs in the area of Language Arts. Students will concentrate on skill development as identified in the Delran English Curriculum for 9th grade and the Common Core Standards for English Language Arts. Specific accommodations and modifications will be provided and goals and objective will be addressed as indicated by the student's Individualized Education Plan (IEP).

120 WORLD LITERATURE AND COMPOSITION 10

Course Length: Year

Credits: 5.0

Grade Level: 10

Students should choose this course after they have successfully completed General Forms of Literature and Composition 9. The major genres of literature within the context of World Literature are examined through a variety of texts. Reading, writing and vocabulary skills as well as critical thinking and analytical skills as identified in the Delran English Department's Curriculum and in the Common Core Standards for English Language Arts are emphasized at a level and pace appropriate for the students. Speaking, listening, and viewing skills are incorporated into the curriculum, as well as technology for presentation purposes and research purposes. Research skills are continuously developed throughout the year.

121 CP WORLD LITERATURE AND COMPOSITION 10

Course Length: Year

Credits: 5.0

Grade Level: 10

Students should choose this course after they have successfully completed CP Forms of Literature and Composition 9. The major genres of literature within the context of World Literature are examined through a variety of texts. Reading, writing and vocabulary skills as well as critical thinking and analytical skills as identified in the Delran English Department's Curriculum and in the Common Core Standards for English Language Arts are emphasized at a level and pace appropriate for the students. Speaking, listening, and viewing skills are incorporated into the curriculum, as well as technology usage for presentation, research, and communication purposes. Research skills are continuously developed throughout the year.

122 HONORS WORLD LITERATURE AND COMPOSITION 10

Course Length: Year

Credits: 5.0

Grade Level: 10

This course emphasizes the development of strong analytical thinking, reading and writing skills necessary for success in the AP Program as well as those skills identified in the Common Core Standards for English

Language Arts. The major genres of literature are studied within the context of World Literature with a concentration on literary concepts and analysis and reading pertinent nonfiction. Writing skills are developed for literary and non-literary purposes. Research skills are continuously developed. Speaking, listening and viewing skills are incorporated into the curriculum, as well as technology usage for research, presentation and communication purposes.

172 FUNDAMENTALS OF WORLD LITERATURE AND COMPOSITION 10

Course Length: Year

Credits: 5.0

Grade Level: 10

Students in this course will receive small group instruction with individual attention given to specific student needs. Course content will concentrate on further development of vocabulary and reading comprehension in literature and nonfiction as well as writing skills based on the Delran English Curriculum for 10th grade and the Common Core Standards for English Language Arts. Specific accommodations and modifications will be provided and goals and objective will be addressed as indicated by the student's Individualized Education Plan (IEP).

182 PRINCIPLES OF WORLD LITERATURE AND COMPOSITION 10

Course Length: Year

Credits: 5.0

Grade Level: 10

Students in this course will receive small group instruction with individual attention given to specific student needs in the area of Language Arts. Students will concentrate on skill development as identified in the Delran English Curriculum for 10th grade and the Common Core Standards for English Language Arts. Specific accommodations and modifications will be provided and goals and objective will be addressed as indicated by the student's Individualized Education Plan (IEP).

130 AMERICAN LITERATURE AND COMPOSITION 11

Course Length: Year

Credits: 5.0

Grade Level: 11

Students should choose this course after they have successfully completed World Literature and Composition 10. The major genres of literature and nonfiction texts are examined through a variety of texts written by American writers. Through the literature, reading, writing, and vocabulary skills are emphasized as denoted in the Delran English Curriculum and the Common Core Standards for English Language Arts. Research skills continue to be developed. Speaking, listening, and viewing skills are incorporated into the curriculum, as well as technology usage for research, presentation and communication purposes.

131 CP AMERICAN LITERATURE AND COMPOSITION 11

Course Length: Year

Credits: 5.0

Grade Level: 11

Students should choose this course after they have successfully completed CP World Literature and Composition 10. The major genres of literature and nonfiction are examined through a variety of texts written by American writers. Through the literature, reading, writing and vocabulary skills are emphasized as denoted in the Delran English Curriculum and the Common Core Standards for English Language Arts. Research skills continue to be developed. Speaking, listening and viewing skills are incorporated into the curriculum, as well as technology usage for research, presentation and communication purposes.

132 HONORS AMERICAN LITERATURE AND COMPOSITION 11

Course Length: Year

Credits: 5.0

Grade Level: 11

This course emphasizes the development of strong analytical thinking, reading and writing skills necessary for success in the AP Program. The major genres of literature and nonfiction are studied within the context of American writers, with a concentration on literary concepts as denoted in the Delran English Curriculum and the Common Core Standards for English Language Arts. Writing skills are developed for literary and non-literary purposes. Research skills are continuously developed. Speaking, listening and viewing skills are incorporated into the curriculum, as well as technology usage for research, presentation and communication purposes.

§151 AP ENGLISH LANGUAGE AND COMPOSITION

Course Length: Year

Credits: 5.0

Grade Level: 11, 12

Prerequisite: Honors World Literature with a mid-year grade of 85% or better, teacher recommendation, and completion of summer assignment.

This course emphasizes college-level writing. Students will study mainly nonfiction texts in a variety of genres and will focus on rhetorical analysis and the study of how language works. Students are strongly encouraged to take the AP English Language and Composition Exam, which may qualify them for college placement and/or credit. **Students are responsible for paying for the AP Exam.**

173 FUNDAMENTALS OF AMERICAN LITERATURE AND COMPOSITION 11

Course Length: Year

Credits: 5.0

Grade Level: 11

Students in this course will receive small group instruction with individual attention given to specific student needs. Course content will concentrate on the further development of vocabulary and reading comprehension in literature and nonfiction, and writing skills based on the Delran English Curriculum for 11th grade and the Common Core Standards for English Language Arts. Specific accommodations and modifications will be provided and goals and objective will be addressed as indicated by the student's Individualized Education Plan (IEP).

183 PRINCIPLES OF AMERICAN LITERATURE AND COMPOSITION 11

Course Length: Year

Credits: 5.0

Grade Level: 11

Students in this course will receive small group instruction with individual attention given to specific student needs in the area of Language Arts. Students will concentrate on skill development as identified in the Delran English Curriculum for 11th grade and the Common Core Standards for English Language Arts. Specific accommodations and modifications will be provided and goals and objective will be addressed as indicated by the student's Individualized Education Plan (IEP).

140 BRITISH LITERATURE AND COMPOSITION 12

Course Length: Year

Credits: 5.0

Grade Level: 12

Students should choose this course after they have successfully completed American Literature and Composition 11. The major genres of literature and nonfiction are examined through a variety of texts by British writers. Through the literature, reading, writing, and vocabulary skills are emphasized as denoted in

the Delran English Curriculum and the Common Core Standards for English Language Arts. Research skills continue to be developed. Speaking, listening, and viewing skills are incorporated into the curriculum, as well as technology usage for research, presentation, and communication purposes.

141 CP BRITISH LITERATURE AND COMPOSITION 12

Course Length: Year

Credits 5.0

Grade Level: 12

Students should choose this course after they have successfully completed CP American Literature and Composition 11. The major genres of literature and nonfiction continue to be examined through a variety of texts by British writers. Through the literature, reading, writing and vocabulary skills are emphasized as denoted in the Delran English Curriculum and the Common Core Standards for English Language Arts. Research skills continue to be developed. Speaking, listening and viewing skills are incorporated into the curriculum, as well as technology usage for research, presentation and communication purposes.

142 HONORS BRITISH LITERATURE AND COMPOSITION 12

Course Length: Year

Credits: 5.0

Grade Level: 12

Students should choose this course after they have successfully completed Honors American Literature and Composition 11. The major genres of literature and nonfiction are studied within the context of British writers, with a concentration on literary concepts and making connections between literature and nonfiction as denoted in the Delran English Curriculum and the Common Core Standards for English Language Arts. Writing skills are developed for literary and non-literary purposes. Research skills are continuously developed. Speaking, listening and viewing skills are incorporated into the curriculum, as well as technology usage for research, presentation and communication purposes.

§150 AP ENGLISH LITERATURE AND COMPOSITION

Course Length: Year

Credits: 5.0

Grade Level: 12

Prerequisite: Honors American Literature mid-year average of 85% or AP Language and Composition with a mid-year average of 80% or better, teacher recommendation, and completion of summer assignment.

Students will study representative works of literary merit from the various literary genres. Students will learn to perform close readings and analytical readings of all works. Students will learn to write analytically about prose and poetry. Students are strongly encouraged to take the AP English Literature and Composition Exam, which may qualify them for college placement and/or credit. **Students are responsible for paying for the AP Exam.**

174 FUNDAMENTALS OF BRITISH LITERATURE AND COMPOSITION 12

Course Length: Year

Credits: 5.0

Grade Level: 12

Students in this course will receive small group instruction with individual attention given to specific student needs. Course content will concentrate on the further development of vocabulary and reading comprehension in literature and nonfiction, and writing skills based on the Delran English Curriculum for 12th grade and the Common Core Standards for English Language Arts. Specific accommodations and modifications will be provided and goals and objective will be addressed as indicated by the student's Individualized Education Plan (IEP).

184 PRINCIPLES OF BRITISH LITERATURE AND COMPOSITION 12

Course Length: Year

Credits: 5.0

Grade Level: 12

Students in this course will receive small group instruction with individual attention given to specific student needs in the area of Language Arts. Students will concentrate on skill development as identified in the Delran English Curriculum for 12th grade and the Common Core Standards for English Language Arts. Specific accommodations and modifications will be provided and goals and objective will be addressed as indicated by the student's Individualized Education Plan (IEP).

101, 102, 103, 104, 105 CP ENGLISH AS A SECOND LANGUAGE

Course Length: Year

Credits: 5.0

Grade Level: 9, 10, 11, 12

This course concentrates on listening, speaking, reading, and writing the English language. It is designed for all English Language Learners to reach basic proficiency as measured by the ACCESS for ELLs test. It is required of all English Language Learners who have not met the multiple measures exit criteria as established by the New Jersey Department of Education.

175 READING LAB

Course Length: Year

Credits: 5.0

Grade Level: 9, 10, 11, 12

This course is designed to improve all aspects of literacy skills. The aim of the curriculum will be to augment the performance of literacy skills specifically content area reading, vocabulary, fluency, critical thinking, and comprehension strategies. Students in this course will receive small group instruction with individual attention given to specific student needs based on Individual Education Plans (IEP).

187 TRANSITION SEMINAR

Course Length: Year

Credits: 5.0

Grade Level: 10, 11, 12

This course is designed for high school students to enable them to develop and apply self-determination skills in school, home, community, and work settings. Course content includes self-awareness, self-advocacy, self-efficacy, personal and career planning, goal setting, independent performance, and self-evaluation. Students in this course will receive small group instruction with individual attention given to specific student needs based on Individual Education Plans (IEP).

ENGLISH DEPARTMENT ELECTIVES

161 CP JOURNALISM

Course Length: Year

Credits: 5.0

Grade Level: 9, 10, 11, 12

The school newspaper, *The Bear Facts*, is produced by this class; therefore, students will learn how to report on sports events, meetings, special events and noteworthy news events that involve the students, staff, faculty and community of Delran. The various factors of journalism and broadcast journalism will be taught. Style, organization, interviewing, feature story construction, reporting, and copy reading, as well as the mechanical aspects such as headlining, make-up, layouts, and printing will be covered.

162 CP ACTING

Course Length: Semester
Grade Level: 9, 10, 11, 12

Credits: 2.5

This course is ideal for students interested in acting and directing. Students will begin by learning and performing basic acting exercises and will then work with partners on improvisations and memorizing and presenting scenes from selected plays. Students will read and analyze short plays and use selected films to examine acting techniques and special effects. This course will satisfy the Visual and Performing Arts graduation requirement.

163 CP CREATIVE WRITING

Course Length: Year
Grade Level: 9, 10, 11, 12

Credits: 5.0

This course is designed for the student who is interested in an opportunity for self-expression through writing. After basic concepts are taught and applied to various forms of writing, students work independently in the areas which interest them the most. They develop skills in the following areas: daily journals; one-act plays; narratives; descriptive essays and poetry. The school publication, *Images*, is produced once a year with selections of students' work.

164 CP CRITICAL VIEWING

Course Length: Semester
Grade Level: 9, 10, 11, 12

Credits: 2.5

Films are more than entertainment. They make connections to many different disciplines and can be *read* like a book. This course is designed to explore the differences between text and film from the standpoint of film versions of written text and original creations, construction of film and the choices the director makes, and connections between film and other literary and artistic genres.

168 CP STUDENT PUBLICATION: YEARBOOK

Course Length: Year
Grade Level: 10, 11, 12
Co-requisite: Membership on Yearbook Staff
Prerequisite: Graphic Design, Photography or Journalism

Credits: 5.0

This course is designed to produce Delran High School's yearbook, *Spirit*, and to give students the opportunity to learn publication work beyond that associated with a newspaper. Students will learn the principles of yearbook production, how to create page layouts, how to edit and crop photos, how to work cooperatively, and how to use computer software in these applications. In this yearbook course, students may work in any one of several areas: advertising, photography, page makeup, copywriting and computers. All students will have an opportunity to work with the public in that all staff members are required to sell advertising space during the first few months of school. Grading is based on pages completed according to deadline, observation of daily work habits and the degree to which staff members help when and where needed.

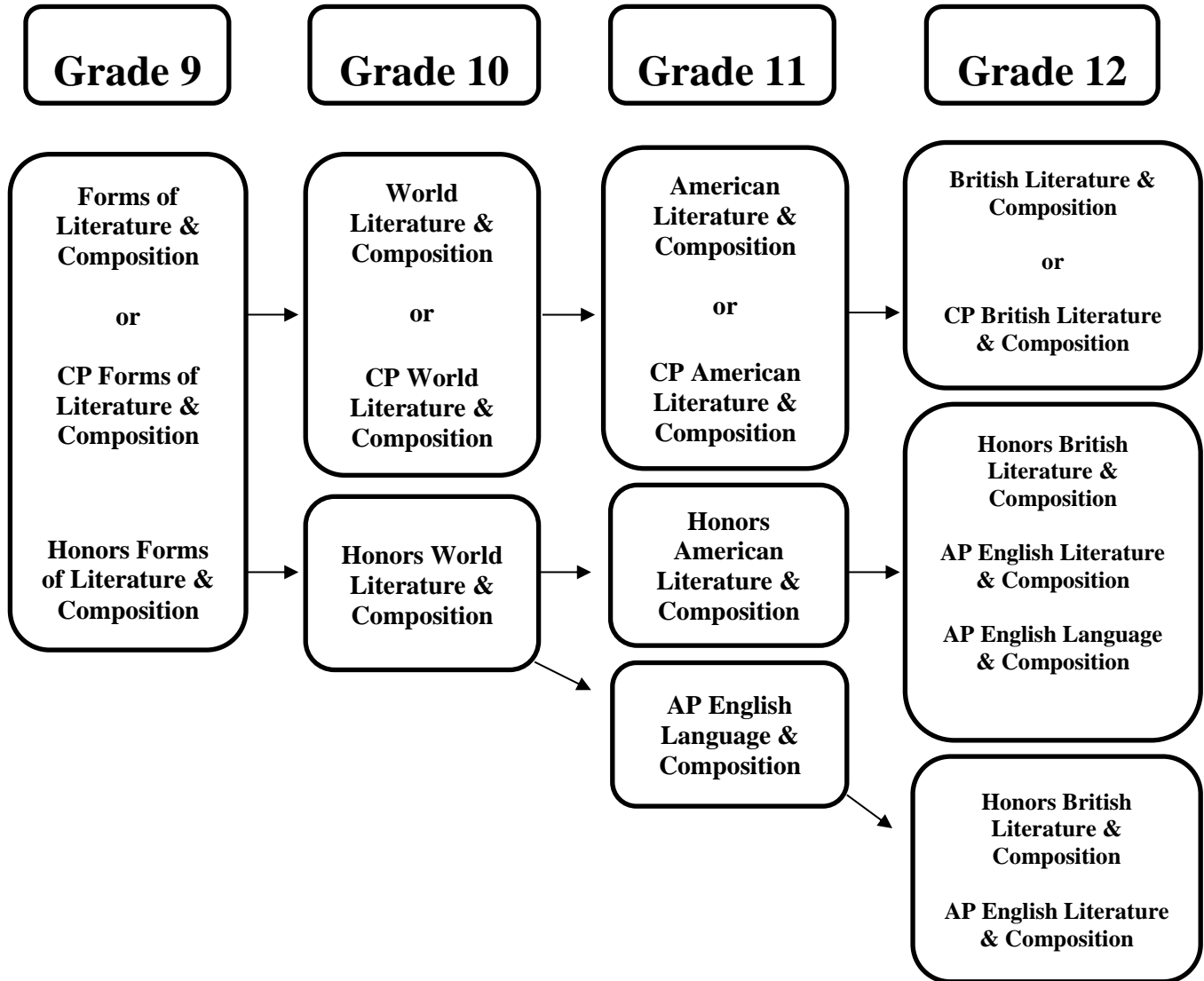
198(Fall)/199(Spring) CP SAT PREPARATION VERBAL

Course Length: Semester
Grade Level: 10, 11, 12

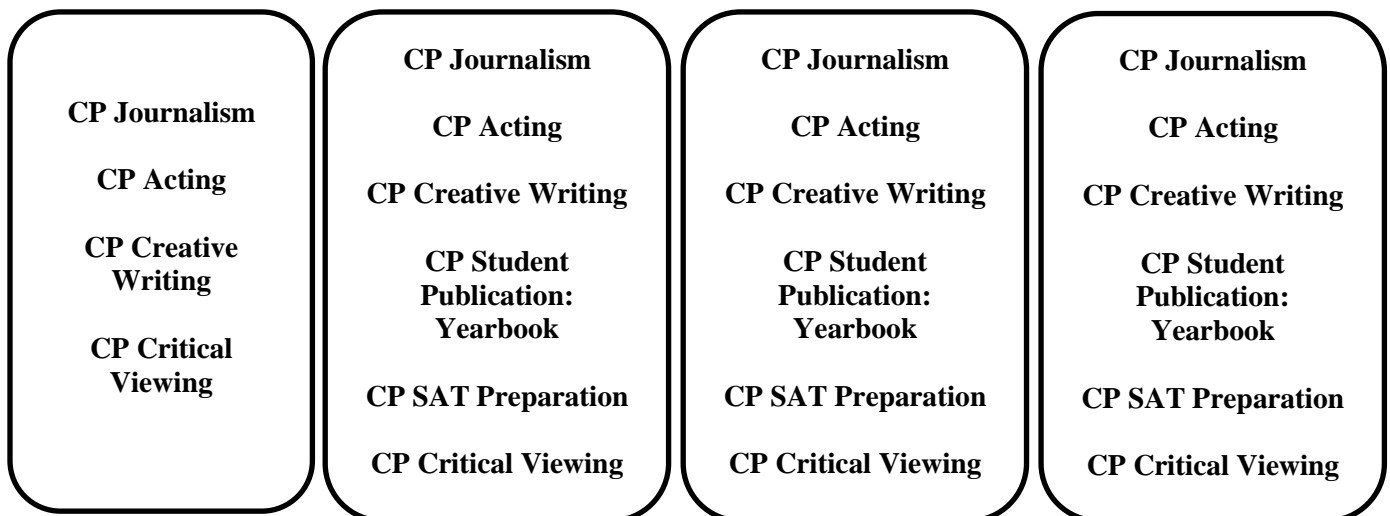
Credits: 2.5

This course is designed specifically to give students who wish to attend a four-year college experience with the types of questions that will appear on the SAT I and College Board tests. Students will develop verbal skills as well as test-taking strategies. Simulations on the computer of the actual exam will be given. Past SAT exams may be used as practice materials. Students should consider when they are taking the SAT so they know which semester would be most beneficial.

COURSE SEQUENCE FOR ENGLISH



Electives



FAMILY & CONSUMER SCIENCE

The Consumer and Family Science curriculum offers students the opportunity to explore activities and skills related to personal and family living. Courses offered are open to young men and women and include topics on child growth and development, foods and nutrition. A minimum of 5 credits in 21st Century Life and Careers, or Career-Technical Education are required for graduation in the State of New Jersey.

751 CP CULINARY ARTS I

Course Length: Year

Credits: 5.0

Grades: 9, 10, 11, 12

This course is designed to provide students with an introduction to food science, food preparation and nutrition that can be used throughout life. This practical, up-to-date course focuses on the latest dietary trends to help one make healthy food choices. No previous experience is necessary to be successful in this course. Throughout the course, students will study safety, food sanitation, nutrition, culinary math as well as preparation skills. The students will learn food preparation terms and principles as well as proper use and care of home and laboratory equipment. The course will provide students many opportunities for “hands-on” application of theory through food preparation.

752 CP CULINARY ARTS II – GLOBAL CUISINE

Course Length: Year

Credits: 5.0

Grades: 10, 11, 12

Prerequisite: Culinary Arts I

This course is designed for the student who has successfully completed Culinary Arts I. This course reinforces the basic principles of safety, sanitation, and the use and care of kitchen tools and equipment. Students will apply more advanced cooking techniques, recipe costing, and menu development. Emphasis will be placed on global and regional cooking and how food relates to the history and geography of a country. Culinary math skills including food costing, budgeting, and the challenge of meal planning will be incorporated into daily laboratory activities.

780 CP TOMORROW’S TEACHERS

Course Length: Year

Credits 5.0

Grades: 11, 12

This course is designed to appeal to students who aspire to become teachers or work with children beyond their high school years. The course is built around four themes: Experiencing Learning; Experiencing the Profession; Experiencing the Classroom; and Experiencing Education. A variety of hands-on activities and a strong emphasis on observations, and field experiences are provided to expose students to the “life of a teacher.”

HEALTH & PHYSICAL EDUCATION

PHYSICAL EDUCATION

015 NINTH GRADE PHYSICAL EDUCATION

Course Length: $\frac{3}{4}$ Year

Credits: 3.75

This course provides students with the opportunity to acquire and hone the specialized physical skills and knowledge they will use in adulthood through an elective based Physical Education curriculum. The Physical Education units may include fitness activities, net/wall games, target games, adventure education, individual-performance activities, fielding/striking games, recreation games and invasion games.

025 TENTH GRADE PHYSICAL EDUCATION

Course Length: $\frac{3}{4}$ Year

Credits: 3.75

This course will continue to provide students with the opportunity to acquire and hone the specialized physical skills and knowledge they will use in adulthood through an elective based Physical Education curriculum. The Physical Education units may include fitness activities, net/wall games, target games, adventure education, individual-performance activities, fielding/striking games, recreation games and invasion games.

035 ELEVENTH GRADE PHYSICAL EDUCATION

Course Length: $\frac{3}{4}$ Year

Credits: 3.75

This course will continue to provide students with the opportunity to acquire and hone the specialized physical skills and knowledge they will use in adulthood through an elective based Physical Education curriculum. The Physical Education units may include fitness activities, net/wall games, target games, adventure education, individual-performance activities, fielding/striking games, recreation games and invasion games.

045 TWELFTH GRADE PHYSICAL EDUCATION

Course Length: $\frac{3}{4}$ Year

Credits: 3.75

This course will continue to provide students with the opportunity to acquire and hone the specialized physical skills and knowledge they will use in adulthood through an elective based Physical Education curriculum. The Physical Education units may include fitness activities, net/wall games, target games, adventure education, individual-performance activities, fielding/striking games, recreation games and invasion games.

HEALTH

016 NINTH GRADE: PERSONAL HEALTH

Course Length: Quarter

Credits: 1.25

This course will discuss the importance of mental and emotional health focusing on the understanding and expression of emotions in a healthy way. This course will also educate the students in the areas of alcohol, tobacco, and drug use regarding how the use/abuse of these substances can negatively affect all aspects of an individual's life.

026 TENTH GRADE: DRIVER EDUCATION THEORY

Course Length: Quarter

Credits: 1.25

This course offers an in depth look into Driver Education through various units such as: Graduated Driver's License and Testing Requirements, Basic Maneuvers, Rules of the Road, Signs, Signals and Pavement Markings, and Drinking and Drugs. Students will be given the opportunity to take the written exam at the end of this course. Passing the written exam is required to obtain a driving permit and/or license.

036 ELEVENTH GRADE: FIRST AID AND SAFETY

Course Length: Quarter

Credits: 1.25

This course offers an in-depth look into First Aid and Safety through various units such as: Adult Component, Before Giving Care, Child Component, First Aid, and Infant Component. Students will be given the opportunity to take the written exam at the end of the course to obtain First Aid/CPR Certification.

046 TWELFTH GRADE: COMMUNITY & FAMILY HEALTH

Course Length: Quarter

Credits: 1.25

This course will take an in depth look into the anatomical structure of the reproductive system and the process of human reproduction. This course will also address possible abnormalities in the reproductive process and the identification of signs and symptoms of various diseases along with current information available on treatments. In addition, the various forms of contraceptive devices and the multiple methods of birth control will be expanded upon.



MATHEMATICS

The Mathematics Program is designed to focus on both the theoretical aspects of mathematics and the practical applications of mathematics. When choosing a mathematics course, students should consider prior success in mathematics, course offerings *and plans for the future. Success in mathematics is dependent on previous knowledge, therefore courses should be chosen carefully. Calculators are required in all courses. Students should read the course description for the specific recommendation.*

NJ State Minimum Graduation Requirements For Mathematics Are 15 Credits Including: Algebra I and Geometry, or the content equivalent, and a third year of math that builds on the concepts and skills of Algebra and Geometry and prepares students for college and 21st century careers.

PLEASE NOTE: *Students who complete Algebra I at the middle school must still take 15 credits of math in high school.*

310 ALGEBRA I

Course Length: Year

Credits: 10.0

Grade Level: 9

Calculator: Scientific (TI-30X Required)

This course is a double-period of math designed to serve the needs of students who would benefit from an opportunity to review pre-algebra skills, before moving on to the concepts of Algebra I. Students who have struggled with math in the past are strongly encouraged to take this level of Algebra. Instruction will focus on a combination of problem solving and thinking skills on a daily basis, and will integrate technology as appropriate. TI-Nspire CX handheld calculators will be used as part of the instruction.

311 CP ALGEBRA I

Course Length: Year

Credits: 5.0

Grade Level: 9

Calculator: Scientific (TI-30X Required)

Upon entry into this course, students should be proficient in the four operations with rational numbers. The pace of the course is established to give students a firm foundation in the analytical skills necessary for future CP courses, and covers both linear and quadratic functions.

371 FUNDAMENTALS OF ALGEBRA I

Course Length: Year

Credits: 5.0

Grade Level: 9

Students in this course will receive small group instruction with individual attention given to specific student needs. Students will learn concepts in Algebra as well as other consumer and career mathematics skills. Specific accommodations and modifications will be provided and goals and objective will be addressed as indicated by the students' Individualized Education Plan (IEP).

381 PRINCIPLES OF ALGEBRA I

Course Length: Year

Credits: 5.0

Grade Level: 9

Students in this course will receive small group instruction with individual attention given to specific student needs. Students will concentrate on developing and reinforcing basic skills as they learn the

required concepts of Algebra I. Specific accommodations and modifications will be provided and goals and objective will be addressed as indicated by the students' Individualized Education Plan (IEP).

320 GEOMETRY

Course Length: Year

Credits: 5.0

Grade Level: 10

Prerequisite: Algebra I

Calculator: Scientific (TI-30X Required)

This course is designed for students who wish to study the basic concepts of geometry. Quadrilaterals, similar polygons, right triangles, and circles will be studied. Concepts will be developed intuitively through exploration, visualizations and activities. Students who have struggled with math in the past are strongly encouraged to take this level of Geometry.

321 CP GEOMETRY

Course Length: Year

Credits: 5.0

Grade Level: 9, 10

Prerequisite: CP Algebra I

Calculator: Scientific (TI-30X Required)

This in-depth course is designed for students who were successful in CP Algebra I. Students will learn the logical methods of mathematical thinking through the study of deductive and inductive reasoning, and will study the concepts of quadrilaterals, similar polygons, right triangles, and circles. This course will focus on improving the students' higher order thinking process and will develop their appreciation of the form and structure of mathematics

322 HONORS GEOMETRY

Course Length: Year

Credits: 5.0

Grade Level: 9, Prerequisite: 8th Grade Algebra, mid-year grade of 90% or better or Supervisor approval

Grade Level: 10, Prerequisite: CP Algebra 1 teacher recommendation and supervisor approval

Calculator: Scientific (TI-30X Required)

In this course, exceptionally able and motivated students will receive an in-depth study of Geometry with an approach that stresses discovery and problem solving. This rigorous course also contains additional advanced topics not found in the standard geometry course and will move at a significantly more rapid pace to ensure that all topics are covered.

372 FUNDAMENTALS OF GEOMETRY

Course Length: Year

Credits: 5.0

Grade Level: 10

Students in this course will receive small group instruction with individual attention given to specific student needs. Students will apply Algebra skills as they learn key concepts in Geometry. Other consumer and career mathematics skills will also be taught. Specific accommodations and modifications will be provided and goals and objective will be addressed as indicated by the students' Individualized Education Plan (IEP).

382 PRINCIPLES OF GEOMETRY

Course Length: Year

Credits: 5.0

Grade Level: 10

Students in this course will receive small group instruction with individual attention given to specific student needs. Students will learn the basic concepts of Geometry as they study quadrilaterals, triangles and circles. Specific accommodations and modifications will be provided and goals and objective will be addressed as indicated by the students' Individualized Education Plan (IEP).

330 ALGEBRA II

Course Length: Year

Credits: 5.0

Grade Level: 11

Prerequisite: CP Geometry

Calculator: Graphing (TI-84 Required)

This course is designed to complete the Algebra and Geometry sequence. Basic concepts are linear and quadratic equations, functions, relations, and systems. Each concept is reinforced through problem solving. Students who have struggled with math in the past are strongly encouraged to take this level of Algebra II.

331 CP ALGEBRA II

Course Length: Year

Credits: 5.0

Grade Level: 10, 11

Prerequisite: CP Geometry

Calculator: Graphing (TI-84 Required)

This course represents a continuation and further study of Algebra for the serious mathematics student. Fundamental concepts include linear and quadratic equations, inequalities, and functions. Use of graphing calculators will be incorporated.

332 HONORS ALGEBRA II

Course Length: Year

Credits: 5.0

Grade Level: 10, Prerequisite: Honors Geometry, mid-year grade of 85% or better or supervisor approval

Grade Level: 11, Prerequisite: CP Geometry teacher recommendation and supervisor approval

Calculator: Graphing (TI-84 or TI-89)

This course provides exceptionally able and motivated students with an in-depth study of advanced Algebra. Fundamental concepts include linear and quadratic equations, inequalities, functions, logarithms and conic sections. Emphasis will be placed on elevating the student's depth of understanding. Theory will be an integral part of this course. Graphing calculators will be utilized throughout the course.

373/374 FUNDAMENTALS OF ALGEBRA II

Course Length: Year

Credits: 5.0 (Grade 11)

Grade Level: 11, 12

5.0 (Grade 12)

Students in this course will receive small group instruction with individual attention given to specific student needs. Students will learn advanced Algebra skills and develop the problem-solving skills necessary for math after high school. Specific accommodations and modifications will be provided and goals and objective will be addressed as indicated by the students' Individualized Education Plan (IEP).

383/384 PRINCIPLES OF ALGEBRA II

Course Length: Year

Credits: 5.0 (Grade 11)

Grade Level: 11, 12

5.0 (Grade 12)

Students in this course will receive small group instruction with individual attention given to specific student needs. Students will learn and apply advanced Algebra skills and concepts to problem-solving

scenarios. Specific accommodations and modifications will be provided and goals and objective will be addressed as indicated by the student's Individualized Education Plan (IEP).

333 HONORS MATH ANALYSIS

Course Length: Year

Credits: 5.0

Grade Level: 10

Prerequisite: Honors Geometry with teacher recommendation and supervisor approval

Calculator: Graphing (TI-84 or TI-89)

This accelerated course is intended for sophomores who have demonstrated extremely high skills in mathematics. This course takes the place of both Honors Algebra II and Honors Pre-Calculus and can only be selected through recommendation by your Honors Geometry teacher and Supervisor's approval. Topics include algebraic, exponential, and logarithmic functions, sequences and series, advanced probability concepts, conic sections, trigonometric identities and functions, and other foundational calculus concepts. Students in this class will take AP Calculus AB as a Junior and AP Calculus BC as a Senior. This course is not eligible for a parental waiver.

341 CP PRE-CALCULUS WITH TRIGONOMETRY

Course Length: Year

Credits: 5.0

Grade Level: 11, 12

Prerequisite: CP or Honors Algebra II

Calculator: Graphing (TI-84 Required)

Topics included in this course are the theory of equations along with exponential and logarithmic functions. Algebra and Geometry are used to extend mathematics to a new class of functions--trigonometric functions. Graphing calculators will be used when appropriate.

342 HONORS PRE-CALCULUS WITH TRIGONOMETRY

Course Length: Year

Credits: 5.0

Grade Level: 11

Prerequisite: Honors Algebra II, with a mid-year grade of 85% or better

Calculator: Graphing (TI-84 or TI-89)

This course will provide exceptionally able and motivated students with a rigorous introduction to the topics necessary for the study of AP Calculus. It also provides for an in-depth study of trigonometric, exponential, and logarithmic functions utilizing a graphing calculator. Emphasis will be placed upon derivation of formula and problem solving.

§361 CP CALCULUS

Course Length: Year

Credits: 5.0

Grade Level: 12

Prerequisite: CP Pre-Calculus with Trigonometry

Calculator: Graphing (TI-84 or TI-89)

This course will provide students with a foundation in the study of Calculus with practical applications of limits, derivatives, and integrals. Graphing calculators will be used when appropriate.

§350 AP CALCULUS AB

Grade Level: 11, 12

Credits: 5.0

Prerequisite: Honors Pre-Calculus with Trigonometry or Honors Math Analysis with a mid-year of 85% or better, teacher recommendation and completion of summer assignment.

Calculator: Graphing (TI-89 required)

AP Calculus is geared toward exceptionally able and motivated students. The mathematical theory and practical applications of limits, derivatives, and integrals will be covered in this course utilizing a graphing calculator. The College Board prescribes the AP Calculus AB syllabus. Upon completion of this course, students will take the AP Calculus AB exam which may qualify them for college placement or credit.

Students are responsible for paying for the AP Exam.

§355 AP STATISTICS

Course Length: Year

Credits: 5.0

Grade level: 11, 12

Prerequisite: CP Algebra II mid-year average of 90% or Honors Algebra II mid-year average of 80% or Honors Math Analysis

Calculator: Graphing (TI-84 Required)

This course is designed for students who excelled in CP/Honors Algebra II or Honors Math Analysis and wish to pursue further in depth study in the area of Statistics. The topics of a college statistics course are covered, highlighting the four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Written analysis of data is required on a regular basis. Students taking this course are strongly encouraged to take the AP examination. **Students are responsible for paying for the exam.**

***360 AP CALCULUS BC**

Course Length: Year

Credits: 5.0

Grade Level: 12

Prerequisite: Successful Completion of AP Calculus AB, teacher recommendation, and completion of summer assignment.

Calculator: Graphing (TI-89 Required)

This course is designed for the most advanced math students who have excelled in AP Calculus AB. Explore the key concepts, methods, and applications of single-variable calculus by expanded on the topics covered in AP Calculus AB (functions, graphs, limits, derivatives, integrals, and the Fundamental Theorem of Calculus) as well as additional topics in differential and integral calculus, such as parametric, polar and vector functions, and series. Students taking this course are strongly encouraged to take the AP examination. The content of AP Calculus BC is designed to qualify the student for placement and credit in a course that is one level beyond that granted for AP Calculus AB. **Students are responsible for paying for the exam.**

MATH ELECTIVES

345 CP INTRODUCTION TO STATISTICS

Course Length: Semester

Credits: 2.5

Grade level: 11, 12

Prerequisite: CP Algebra II or Supervisor approval

Calculator: Graphing (TI-84 Required)

Students will examine the basic elements of theoretical probability, binomial and normal distributions, linear correlation, statistical tables, and the use of technology to observe statistics in everyday life.

366 CP TOPICS OF MATHEMATICS

Course Length: Semester

Credits: 2.5

Grade Level: 12

Prerequisite: CP Algebra II

Calculator: Graphing (TI-84 Required)

This course is designed for the serious math student to examine non-traditional topics in mathematics such as history of math, graph theory, logic, election theory, game theory, cryptography, matrices and set theory. All of these topics will assist students in applying mathematics while enhancing problem-solving skills and techniques.

367 CP FOUNDATIONS OF COLLEGE MATH

Course Length: Year

Credits: 5.0

Grade Level: 12

Prerequisite: Algebra II or Supervisor approval

Foundations of College Math is designed for seniors who have completed three years of mathematics and would like to take a refresher math course in preparation for their college entrance exam. Topics include number theory, counting principles, probability, and a review of algebra and geometry. This course will also examine the application of math in the everyday life of a teenager: saving money, buying a car, understanding your paycheck, paying for college, and investing in the stock market. This course is offered in a partnership with Rowan College at Burlington County (RCBC). Students will review prerequisite concepts for college math and take the Accuplacer College Placement Exam. Students earning a qualifying score on the Accuplacer or a final grade of B or better in the course will not have to take remedial math classes if enrolled at RCBC.

398(Fall)/399(Spring) CP SAT PREPARATION MATH

Course Length: Semester

Credits: 2.5

Grade Level: 10, 11, 12

Calculator: Graphing (TI-84 Required)

This course is designed specifically to give students who wish to attend a four-year college experience with the types of questions that will appear on the SAT I and College Board tests. Students will develop their math skills as well as test-taking strategies. Simulations on the computer of the actual exam will be given. Past SAT exams may be used as practice materials. Students should consider when they are taking the SAT so they know which semester would be most beneficial.

391 INTEGRATED ALGEBRA AND GEOMETRY SUPPORT

Course Length: Year

Credits: 5.0

Grade Level: 10

Prerequisite: Teacher Recommendation

This course is designed to build upon the foundational skills of students whose performance in Algebra I indicates the need for remediation. This course will enhance analytical skills and lead to improved performance in Geometry and subsequent mathematics courses. Specific learning objectives are taken from the Common Core State Standards and related Cumulative Progress Indicators. This course will count as an elective course.

392 INTEGRATED ADVANCED MATH SUPPORT

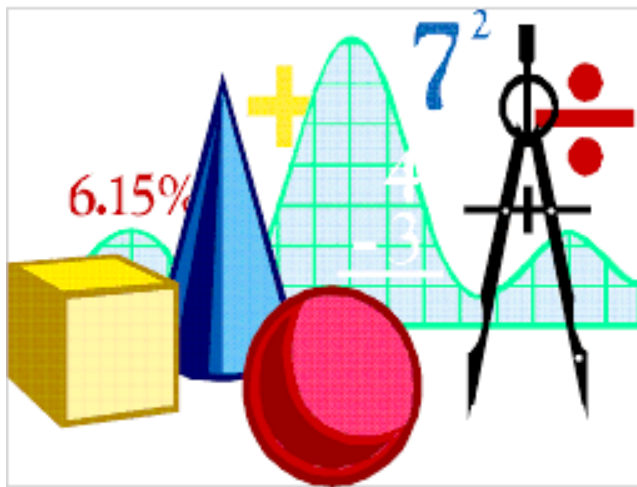
Course Length: Year

Grade Level: 11

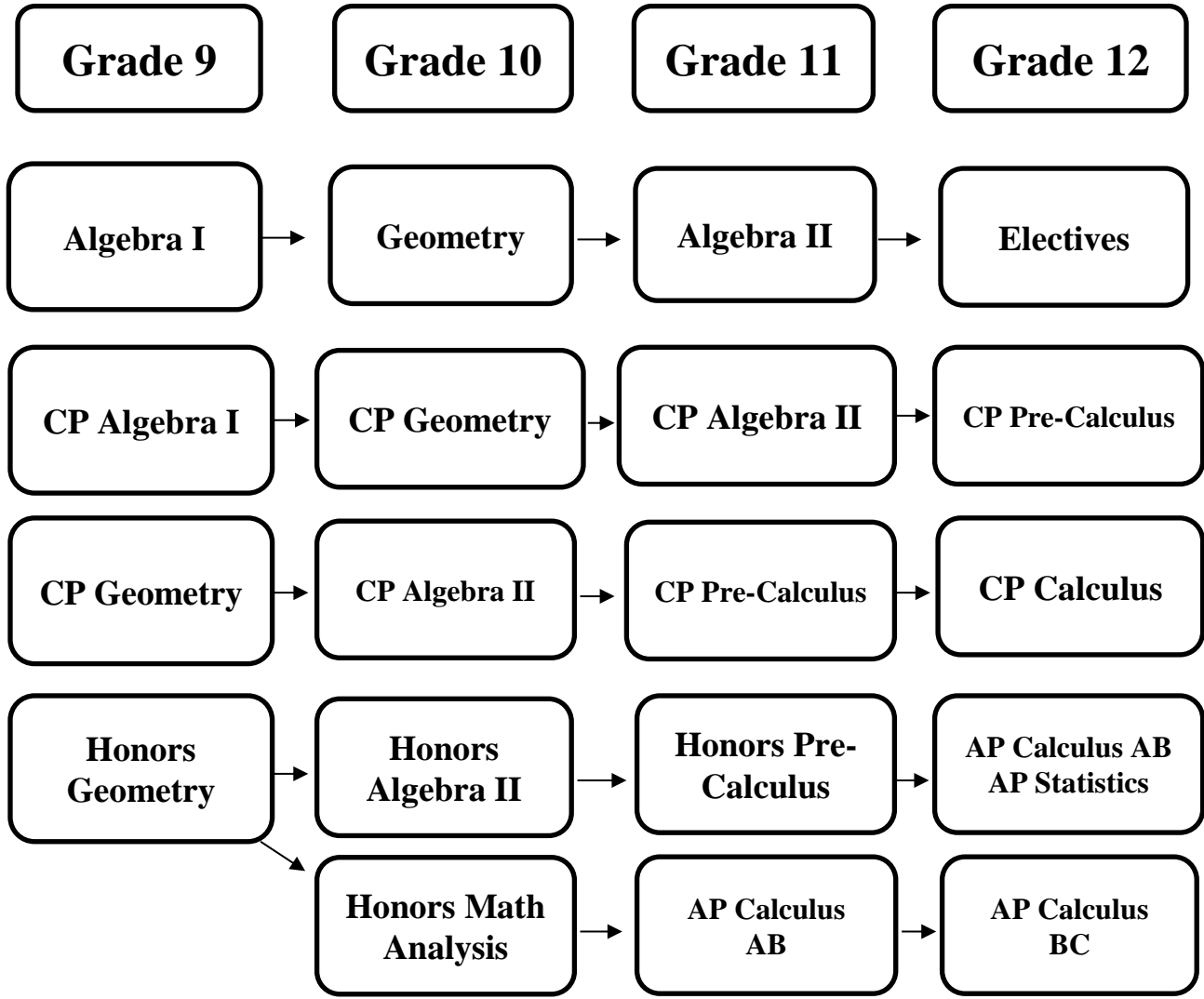
Prerequisite: Teacher Recommendation

Credits: 5.0

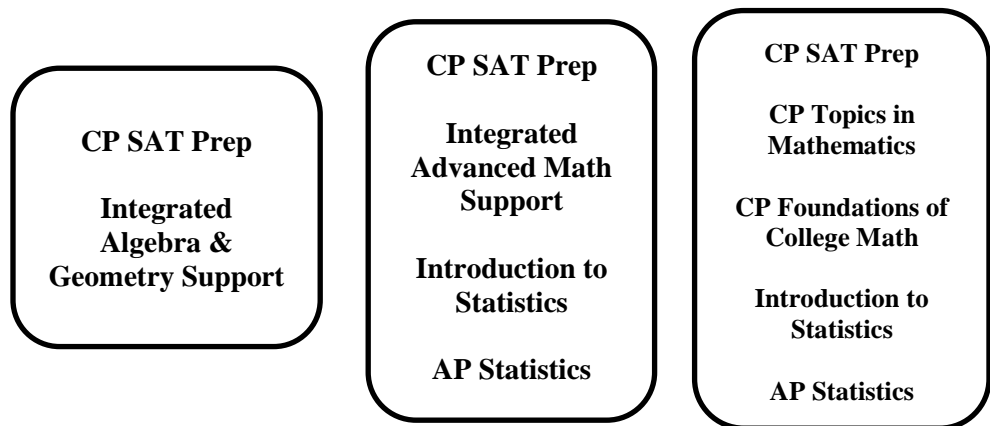
This course is designed to build upon the foundational skills of students whose performance in Geometry indicates the need for remediation. This course will enhance analytical skills and lead to improved performance in Algebra 2 and subsequent mathematics courses. Specific learning objectives are taken from the Common Core State Standards and related Cumulative Progress Indicators. This course will count as an elective course.



Course Sequence for Mathematics



ELECTIVES



MUSIC

The Music Department offers a wide variety of courses for the interested student. Students have the opportunity to perform and learn about many styles of music. Courses afford all students the opportunity to develop an interest in and an appreciation for music. Students who are prospective college music students are encouraged to populate and challenge themselves with both general music electives as well as the theory/technology and performance courses.

900 CP CONCERT BAND

Course Length: Year

Credits: 5.0

Grade Level: 9, 10, 11, 12

Prerequisite: At least one year of middle school band or an audition with the high school director.

This course is open to all students who have a passion for instrumental performance. Rehearsal techniques and ensemble playing are continually stressed. Emphasis is placed upon good musicianship with summative performances in the fall and spring. Concert Band offers students an enjoyable learning environment while building a solid musical foundation. During the fall, students in the concert band are encouraged to participate in the “Golden Regiment” Marching Band. Other extra-curricular activities such as the Jazz Ensemble and Pit Orchestra are offered.

905 CP BAND/CONCERT CHOIR

Course Length: Year

Credits: 5.0

Grade Level: 9, 10, 11, 12

Band Prerequisite: At least one year of middle school band or an audition with the high school director.

Students have the option to take both Band and Chorus during the school year. A combined grade is given for the class. The time spent in each class will be equally divided during the week. It is recommended that students looking to major in music in college take this course.

910 CP CONCERT CHOIR

Course Length: Year

Credits: 5.0

Grade Level: 9, 10, 11, 12

Concert Choir is an opportunity for all students with music ability, or an interest in singing, to develop their musical potential and aesthetic understanding through singing in a choral ensemble. Students will be trained in proper vocal technique, music reading skills, ensemble singing, and performance technique. Students will be able to strengthen listening skills, gain the ability to analyze and evaluate music and performances. Concert Choir performs a wide variety of repertoire ranging from Baroque to contemporary choral arrangements. Special attention will also be given to relating music experiences to personal development through service projects and team building activities at hopes of developing active and productive members of society. Attendance at all performances is required.

915 CP JAZZ IMPROVISATION

Course Length: Semester

Credits: 2.5

Grade Level: 9, 10, 11, 12

This course is designed for the musician that has a solid foundation on their instrument of choice and is interested in experiencing the various styles of jazz. The successful student-musician should have a strong knowledge of the basic music performance (reading) skills and be interested in fine-tuning these through performance and exercises of the jazz literature. Basic jazz theory, repertoire, and improvisation will be covered. Students will be confident to know that they are learning the true “jazz” language.

940 CP MUSIC THEORY I

Course Length: Year

Credits: 5.0

Grade Level: 9, 10, 11, 12

Prerequisite: Students with prior music experience or a strong desire to learn music.

This course is designed for the aspiring or beginner musician. A desire to learn and familiarity with basic notation will provide a foundation to be further strengthened. Students will learn basic concepts and terms needed to discuss and analyze melodies and harmonies. Concepts covered include melodic and rhythmic notation, major and minor keys and scales, triads and chords, harmonic analysis, and two-part melodic writing. To further extend students' understanding, the basics of piano playing will be explored. Students should be excited to know that they will learn the basics to compose their own music.

950 AP MUSIC THEORY

Course Length: Year

Credits: 5.0

Grade Level: 10, 11, 12

Prerequisite: Music Theory I with a Grade of 85%, Teacher recommendation, and Completion of Summer Assignment.

This course is designed for the preparation of students who are potential college music majors/minors and for the Advanced Placement examination in Music Theory. Students will be engaged in the advanced study of harmony, composition, musical form and analysis, solfege, dictation (rhythmic, melodic, and harmonic), and other aural skills. **Students are responsible for paying for the AP Exam.**

960 CP INTRODUCTION TO GUITAR/PIANO

Course Length: Semester

Credits: 2.5

Grade Level: 9, 10, 11, 12

This course is for students who have always wanted to learn to play the piano or the guitar! This course provides an opportunity for students with no prior experience to learn the basics of each instrument. Basic piano and guitar note and chord reading, as well as basic accompaniment and strumming patterns will be covered. Student music preferences will be taken into consideration for project-based work. Students will be assessed through playing and written quizzes.

961 CP GUITAR WORKSHOP

Course Length: Semester

Credits: 2.5

Grade Level: 9, 10, 11, 12

Prerequisite: Introduction To Guitar/Piano or an Audition with the Instructor

This class is designed for students who already have some prior experience playing guitar. Students who take this class will have the opportunity to expand upon the basics. Participants will learn guitar theory, technique and performance skills. Efforts will be made to emphasize musical styles and areas of interest within the class setting. This class will also touch on songwriting for guitar. Students will be assessed through playing and written quizzes.

971 CP PIANO WORKSHOP

Course Length: Semester

Credits: 2.5

Grade Level: 9, 10, 11, 12

Prerequisite: Introduction to Guitar/Piano or an Audition with the Instructor

This class designed for students who already have some prior experience playing piano. Students who take this class will have the opportunity to expand upon the basics. Participants will learn piano theory, technique and performance skills. Efforts will be made to emphasize musical styles and areas of interest within the class setting. This class will also touch on songwriting for keyboard. Students will be assessed through playing and written quizzes.

962 CP MUSIC IN THE MOVIES

Course Length: Semester

Credits: 2.5

Grade Level: 9, 10, 11, 12

This course is designed for movie and music lovers alike. Famous and influential films and soundtracks including classic musical films will be watched and discussed in class. Composers', directors' and performers' lives and careers will be covered. Movies such as Star Wars, Indiana Jones, and Singing in the Rain are examples of movies that will be covered. Music in the Movies is a general music class for students who wish to gain a further understanding of the cultural, historical and aesthetic influence in musical film and film music. Students will be assessed through completion of movie based projects and assignments.

963 CP AMERICAN POPULAR MUSIC

Course Length: Semester

Credits: 2.5

Grade Level: 9, 10, 11, 12

This course is designed to give students a more in depth look at the popular music from American history and find how it has influenced the music and culture of today. This class will provide an overview of the roots of American pop music to current day popular music including: folk, jazz, country, rock and roll, alternative rock, rhythm and blues, disco, hip hop, and rap. Emphasis will be placed on influential music artist projects. Student preferences in music will be taken into consideration for project-based assignments. Students will discover how musicians from the past have influenced the music of today.

965 CP MUSICAL THEATRE

Course Length: Semester

Credits: 2.5

Grade Level: 9, 10, 11, 12

This course is designed for students who are interested in learning about all aspects of musical theatre. Students will have the opportunity to watch well-known musicals and learn about their plots, songs, composers, actors, etc. Focus will be placed on acting and singing on stage. This course will also spend time with the production (backstage) aspects of theatre such as set design and construction, costumes, makeup, and direction.

980 CP MUSIC TECHNOLOGY LAB

Course Length: Year

Credits: 5.0

Grade Level: 9, 10, 11, 12

This course will offer the musician and non-musician alike the opportunity to gain an understanding of the various technologies related to music: i.e. computers and digital sampling as it relates to music recording, the basics of microphones and sound systems, and the use of MIDI in computer music, multi-track recording, electronic keyboards, drum machines and basic sequencing. Remixing and the study of various music programs will be covered. This class incorporates hands-on use of the above technologies along with various assignments to assess learning. A final recorded project will be the culmination of this course.

All courses in the Music Department provide credits for the Visual or Performing Arts graduation requirement for all students.

COURSE SEQUENCE FOR MUSIC

**Grade
9**

American Pop
Music

Music in the
Movies

Musical
Theatre

Intro to
Guitar/Piano

Guitar/Piano
Workshop

Jazz
Improvisation

Semester

CP Music
Theory I

CP Music
Technology
Lab

Year

CP Concert
Band/Concert
Choir

**Grade
10**

American Pop
Music

Music in the
Movies

Musical
Theatre

Intro to
Guitar/Piano

Guitar/Piano
Workshop

Jazz
Improvisation

Semester

CP Music
Theory I

AP Music
Theory

CP Music
Technology
Lab

Year

CP Concert
Band/Concert
Choir

**Grade
11**

American Pop
Music

Music in the
Movies

Musical
Theatre

Intro to
Guitar/Piano

Guitar/Piano
Workshop

Jazz
Improvisation

Semester

CP Music
Theory I

AP Music
Theory

CP Music
Technology
Lab

Year

CP Concert
Band/Concert
Choir

**Grade
12**

American Pop
Music

Music in the
Movies

Musical
Theatre

Intro to
Guitar/Piano

Guitar/Piano
Workshop

Jazz
Improvisation

Semester

CP Music
Theory I

AP Music
Theory

CP Music
Technology
Lab

Year

CP Concert
Band/Concert
Choir

SCIENCE

Please consider these requirements when making Science Course selections:

- **NJ State minimum graduation requirements for Science are 15 credits including at least five credits in Laboratory Biology/Life Science or the content equivalent, an additional laboratory/inquiry-based science course including Chemistry, Environmental Science, or Physics; and a third laboratory/inquiry-based science course.**
- Mathematics prerequisites are listed below, where appropriate. The importance of mathematics should not be underestimated when considering science courses. Please refer to the Course Sequence for Science for the proper flow of science courses.

The Next Generation Science Standards - Implementation 2016-2017

The *Next Generation Science Standards*, which will be implemented in 2016-2017, assess students based on *Performance Expectations*, which describe what students should know and be able to do within each grade level. The goal of the new science curriculum is to develop science proficiency with opportunities for a range of scientific investigations and thinking, including—but not limited to—inquiry and investigation, collection and analysis of evidence, logical reasoning, and communication and application of information. The standards are performed using a three dimensional model which allow students to demonstrate a deeper level of understanding:

- **Crosscutting Concepts** will identify the phenomenon of science in everyday life, which will build student interest in the world around them, as well as demonstrate to students the connectedness of the world.
- **Disciplinary Core Ideas** are the content which will be integration of ideas in a developmental progression, focuses on a limited number of core ideas both within and across disciplines, in order to deepen understanding of scientific phenomenon.
- **Scientific Practices and Engineering Design** are experiences for high school students to “undertake more complex engineering design projects related to major global, national, or local issues” (NRC, 2012, p. 71). The core idea of engineering design includes three component ideas:
 - Defining and delimiting engineering problems involves stating the problem to be solved as clearly as possible in terms of criteria for success, and constraints or limits.
 - Designing solutions to engineering problems begins with generating a number of different possible solutions, then evaluating potential solutions to see which ones best meet the criteria and constraints of the problem.
 - Optimizing the design solution involves a process in which solutions are systematically tested and refined and the final design is improved by trading off less important features for those that are more important. It is important to point out that these component ideas do not always follow in order, any more than do the “steps” of scientific inquiry. At any stage, a problem-solver can redefine the problem or generate new solutions to replace an idea that just isn’t working out.

410 ENVIRONMENTAL SCIENCE

Credits: 5.0

Course Length: Year (5 periods per week)

Grade Level: 9

Using the *Next Generation Science Standards*, through a hands-on approach questions such as, “What is the universe, and what is Earth’s place in it?”, “How and why is Earth constantly changing?” and “How do Earth’s surface processes and human activities affect each other?” will be answered in this course. Disciplinary core ideas addressed include: Earth materials and systems, plate tectonics and large-scale system interactions, the roles of water in Earth’s surface processes, weather and climate, natural resources, natural hazards, human impact on Earth systems, and global climate change. Students develop

models and explanations for their thinking. Students will engage with major global issues to develop analytical and strategic thinking to—define the problem, develop possible solutions, and improve designs.

411 CP ENVIRONMENTAL SCIENCE

Credits: 5.0

Course Length: Year (5 periods per week)

Grade Level: 9

Using the *Next Generation Science Standards*, students continue to develop their understanding and their ability to explain more in-depth phenomena. Questions such as, “What is the universe, and what is Earth’s place in it?”, “How and why is Earth constantly changing?” and “How do Earth’s surface processes and human activities affect each other?” will be answered in this course. Disciplinary core ideas addressed include: Earth materials and systems, plate tectonics and large-scale system interactions, the roles of water in Earth’s surface processes, weather and climate, natural resources, natural hazards, human impact on Earth systems, and global climate change. Students develop models and explanations for the ways that feedbacks between different Earth systems control the appearance of Earth’s surface. Students identify the complex and significant interdependencies between humans and the rest of Earth’s systems through the impacts of natural hazards, our dependencies on natural resources, and the significant environmental impacts of human activities. Engineering and technology figure prominently here, as students use mathematical thinking and the analysis of geoscience data to examine and construct solutions to the many challenges facing long-term human sustainability on Earth. Students will engage with major global issues to develop analytical and strategic thinking to—define the problem, develop possible solutions, and improve designs.

471 FUNDAMENTALS OF ENVIRONMENTAL SCIENCE

Credits: 5.0

Course Length: Year (5 periods per week)

Grade Level: 9

Using the *Next Generation Science Standards*, students in this course will be hands-on, minds-on in order to meet the general knowledge of basic environmental principles through small group instruction with individualized attention given to specific student needs. Students will work on methods for problem solving from a scientific approach. Students will work with the teacher and other students in completing performance expectations. These performances blend the core ideas with scientific and engineering practices and crosscutting concepts to support students in developing useable knowledge to explain ideas across the science disciplines. Questions such as, “What is the universe, and what is Earth’s place in it?”, “How and why is Earth constantly changing?” and “How do Earth’s surface processes and human activities affect each other?” will be answered in this course. Disciplinary core ideas addressed include: Earth materials and systems, plate tectonics and large-scale system interactions, the roles of water in Earth’s surface processes, weather and climate, natural resources, natural hazards, human impact on Earth systems, and global climate change. Specific accommodations and modifications will be provided in order to meet the goals and objectives indicated by a student’s Individualized Education Plan (IEP).

481 PRINCIPLES OF ENVIRONMENTAL SCIENCE

Credits: 5.0

Course Length: Year (5 periods per week)

Grade Level: 9

Using the *Next Generation Science Standards*, students in this course will receive small group instruction with hands-on project based learning with individualized attention given to specific student needs. Students will work on methods for problem solving from a scientific approach. Students will work with the teacher and other students in completing performance expectations. These performances blend the core ideas with scientific and engineering practices and crosscutting concepts to support students in developing useable knowledge to explain ideas across the science disciplines. Questions such as, “What is the universe, and

what is Earth’s place in it?”, “How and why is Earth constantly changing?” and “How do Earth’s surface processes and human activities affect each other?” will be answered in this course. Disciplinary core ideas addressed include: Earth materials and systems, plate tectonics and large-scale system interactions, the roles of water in Earth’s surface processes, weather and climate, natural resources, natural hazards, human impact on Earth systems, and global climate change. Specific accommodations and modifications will be provided, meeting the goals and objectives indicated by a student’s Individualized Education Plan (IEP).

420 BIOLOGY

Credits: 6.0

Course Length: Year (6 periods per week)

Grade Level: 10

Using the *Next Generation Science Standards*, through a hands-on approach including a double-period laboratory, students will identify and explore the following Disciplinary Core Ideas: 1) Structure and Function, 2) Inheritance and Variation of Traits, Matter and Energy in Organisms and Ecosystems, 4) Interdependent Relationships in Ecosystems, and 5) Natural Selection and Evolution. Students will be asked to reason and write about a scientific issue, emphasizing an approach on creating a literate citizen in a scientific society. Less emphasis will be placed on chemistry and mathematics, but still require an application of both. The activities provided for students, based on the performance expectations, will enable students to formulate answers to questions like: “How do the structures of organisms enable life’s functions?”, “How are characteristics of one generation passed on to the next?”, “How and why do organisms interact with their environment, and what are the effects of these interactions?”, and “What evidence shows that different species are related?”. At the end of this course, students will take the New Jersey Biology Competency Test aligned to the NGSS.

421 CP BIOLOGY

Credits: 6.0

Course Length: Year (6 periods per week)

Grade Level: 9, 10

Concurrent Math: CP Geometry or Higher

Using the *Next Generation Science Standards*, this course places an emphasis on the following Disciplinary Core Ideas: 1) Structure and Function, 2) Inheritance and Variation of Traits, Matter and Energy in Organisms and Ecosystems, 4) Interdependent Relationships in Ecosystems, and 5) Natural Selection and Evolution. Students will demonstrate knowledge through questioning the phenomenon found in the world. The activities provided for students, based on the performance expectations, will enable students to formulate answers to questions like: “How do the structures of organisms enable life’s functions?”, “How are characteristics of one generation passed on to the next?”, “How and why do organisms interact with their environment, and what are the effects of these interactions?”, and “What evidence shows that different species are related?”. Mathematical computation and reasoning, as well as extensive informational readings, research and presentation, will allow students to analyze scientific biological phenomenon and be asked to provide evidence for their thinking. Double-period laboratory experiments allow students the time needed for both science and engineering practices. At the end of this course, students will take the New Jersey Biology Competency Test aligned to the NGSS.

§422 HONORS BIOLOGY

Credits: 6.0

Course Length: Year (6 periods per week)

Grade Level: 9, 10

Concurrent Math: Honors Geometry or Higher

Using the *Next Generation Science Standards*, this course is designed to meet the needs of the highly motivated student. Mastery of this course lends itself to students planning on taking AP Biology or a career in science or related disciplines. A more detailed study of the life science content standards with an emphasis on the following Disciplinary Core Ideas include: 1) Structure and Function, 2) Inheritance and

Variation of Traits, Matter and Energy in Organisms and Ecosystems, 4) Interdependent Relationships in Ecosystems, and 5) Natural Selection and Evolution. Scientific thinking opportunities will be provided for students, based on the performance expectations, that will encourage students to formulate answers to questions like: “How do the structures of organisms enable life’s functions?”, “How are characteristics of one generation passed on to the next?”, “How and why do organisms interact with their environment, and what are the effects of these interactions?”, and “What evidence shows that different species are related?”. Through extensive informational readings, research and presentation, as well as double-period laboratory experiments, students will analyze biological phenomenon and be asked to provide evidence for their thinking. Reasoning and rebuttal will be demonstrated through academic discourse. At the end of this course, students will take the New Jersey Biology Competency Test aligned to the NGSS.

472 FUNDAMENTALS OF BIOLOGY

Credits: 5.0

Course Length: Year (5 periods per week)

Grade Level: 10

Using the *Next Generation Science Standards* for life sciences, students in this course will be hands-on, minds-on in order to meet the general knowledge of basic biological principles through small group instruction with individualized attention given to specific student needs. Students will work on methods for problem solving from a scientific approach incorporating the Disciplinary Core Ideas, Science and Engineering Practices and Crosscutting Concepts through experiences. Units include: 1) Structure and Function, 2) Inheritance and Variation of Traits, Matter and Energy in Organisms and Ecosystems, 4) Interdependent Relationships in Ecosystems, and 5) Natural Selection and Evolution. Specific accommodations and modifications will be provided in order to meet the goals and objectives indicated by a student’s Individualized Education Plan (IEP).

482 PRINCIPLES OF BIOLOGY

Credits: 5.0

Course Length: Year (5 periods per week)

Grade Level: 10

Using the *Next Generation Science Standards*, students in this course will receive small group instruction with hands-on project based learning with individualized attention given to specific student needs. Specific accommodations and modifications will be provided, meeting the goals and objectives indicated by a student’s Individualized Education Plan (IEP), to address the life science standards three dimensions: Disciplinary Core Ideas, Science and Engineering Practices and Crosscutting Concepts Units include: 1) Structure and Function, 2) Inheritance and Variation of Traits, Matter and Energy in Organisms and Ecosystems, 4) Interdependent Relationships in Ecosystems, and 5) Natural Selection and Evolution. At the end of this course, students will take the New Jersey Biology Competency Test aligned to the NGSS.

430 CHEMISTRY

Credits: 6.0

Course Length: Year (6 periods per week)

Grade Level: 11, 12

Concurrent Math: Algebra II

Using the *Next Generation Science Standards*, students in high school chemistry will continue to develop their understanding in five major units including hands-on performances covering the topics of: Thermochemistry, Atomic structure and Periodicity, Bonding, Chemical Reactions, and Phases of Matter and Gas Laws. Basic techniques will be developed in laboratory experiments for double lab period credit. Computational thinking with mathematical modeling will occur during experimentation. Skills in communicating data and the analysis of the data will be established through coursework relevant to real life application of chemistry.

431 CP CHEMISTRY

Credits: 6.0

Course Length: Year (6 periods per week)

Grade Level: 10, 11

Concurrent Math: CP Algebra II or Higher

Using the *Next Generation Science Standards*, this laboratory-oriented course is designed to meet the needs of the college-bound student. The focus of study will be a traditional chemistry course with double period laboratory experiments. This course will focus on the nature and behavior of matter and utilizes mathematics skills in problem solving and laboratory experiences. Hands-on/minds-on experiences will develop their understanding in five major units including the topics of: Thermochemistry, Atomic structure and Periodicity, Bonding, Chemical Reactions, and Phases of Matter and Gas Laws. Within each of these units, students will be expected to demonstrate proficiency in developing and using models, planning and conducting investigations, and communicating scientific and technical information; and to use these practices to demonstrate understanding of the core ideas. Concept knowledge and skills will be applied to designing, developing, and engineering solutions to real world scenarios related to each unit. The culminating unit will take the concepts developed in previous units and apply them to understanding properties of gases and the incompressible phases of matter (solids and liquids). A detailed look at intermolecular forces will be used to explain natural phenomena at the College Prep and Honors levels.

§432 HONORS CHEMISTRY

Credits: 6.0

Course Length: Year (6 periods per week)

Grade Level: 10, 11

Concurrent Math: Honors Algebra II or Higher

Using the *Next Generation Science Standards*, this laboratory-oriented course is designed to meet the needs of the college-bound student who plan to major in a scientific field in college. Honors Chemistry uses the same approach as CP Chemistry, but includes more depth, a faster pace, and more intricate mathematical problems. There may be additional coverage of content due to the faster pace. Hands-on/minds-on experiences will develop their understanding in five major units including the topics of: Thermochemistry, Atomic structure and Periodicity, Bonding, Chemical Reactions, and Phases of Matter and Gas Laws. Within each of these units, students will be expected to demonstrate proficiency in developing and using models, planning and conducting investigations, and communicating scientific and technical information; and to use these practices to demonstrate understanding of the core ideas. Concept knowledge and skills will be applied to designing, developing, and engineering solutions to real world scenarios related to each unit. The culminating unit will take the concepts developed in previous units and apply them to understanding properties of gases and the incompressible phases of matter (solids and liquids). A detailed look at intermolecular forces will be used to explain natural phenomena at the Honors and College Prep levels. Derivation and application of the Ideal Gas Law and deviations from ideal behavior will be explored at the Honors level.

473 FUNDAMENTALS OF CHEMISTRY

Credits: 5.0

Course Length: Year (5 periods per week)

Grade Level: 11

Using the *Next Generation Science Standards*, students in this course will be hands-on, minds-on in order to meet the general knowledge of basic chemistry principles through small group instruction with individualized attention given to specific student needs. Students in high school Chemistry will continue to develop their understanding in five major units by answering questions such as these under the direction of the *Next Generation Science Standards (NGSS)*. Hands-on instruction will guide the students through units on Thermochemistry, Atomic structure and Periodicity, Bonding, Chemical Reactions, and Phases of Matter and Gas Laws. Students will work on methods for problem solving from a scientific approach.

Specific accommodations and modifications will be provided in order to meet the goals and objectives indicated by a student's Individualized Education Plan (IEP).

485 PRINCIPLES OF CHEMISTRY

Credits: 5.0

Course Length: Year (5 periods per week)

Grade Level: 11

Using the Next Generation Science Standards, students in this course will receive small group instruction with hands-on project based learning with individualized attention given to specific student needs. Students in high school Chemistry will continue to develop their understanding in five major units by answering questions such as these under the direction of the Next Generation Science Standards (NGSS). Hands-on instruction will guide the students through units on Thermochemistry, Atomic structure and Periodicity, Bonding, Chemical Reactions, and Phases of Matter and Gas Laws. Specific accommodations and modifications will be provided, meeting the goals and objectives indicated by a student's Individualized Education Plan (IEP).

441 CP PHYSICS

Credits: 6.0

Course Length: Year (6 periods per week)

Grade Level: 11, 12

Concurrent Math: CP Statistics, CP Pre-Calculus, or Higher

Using the Next Generation Science Standards, this laboratory-oriented course is designed to meet the needs of the college-bound student. The focus of this course will be the four major areas of Physics: Mechanics, Energy, Electromagnetism, and Electromagnetic Radiation. Students will be expected to be proficient in Algebra, Geometry, and Algebra II in order to solve both theoretical and physical problems. Engineering ideas and practices will be examined throughout the course in order to satisfy NGSS and to provide a practical application of specific physics concepts, theories, and laws. The hands on nature of this Physics course will include a double period laboratory experiment each week.

§442 HONORS PHYSICS

Credits: 6.0

Course Length: Year (6 periods per week)

Grade Level: 11, 12

Prerequisite: Honors Pre-Calculus or Higher

Using the Next Generation Science Standards, this laboratory-oriented course is designed to meet the needs of the highly-motivated, college bound student with great interest in science and academics as the depth of the accelerated course will be rigorous. The focus of this course will be the four major areas of Physics: Mechanics, Energy, Electromagnetism, and Electromagnetic Radiation. Students will be expected to be proficient in Algebra, Geometry, and Algebra II in order to solve both theoretical and physical problems. Engineering ideas and practices will be examined throughout the course in order to satisfy NGSS and to provide a practical application of specific physics concepts, theories, and laws. The hands on nature of this Physics course will include a double period laboratory experiment each week including a research project.

§452 AP BIOLOGY

Credits: 7.0

Course Length: Year (7 periods per week)

Grade Level: 10, 11, 12

Concurrent Math: CP Algebra II or Higher

Prerequisite: Honors Biology Mid-Year Average Of 85% or better, Or CP Biology mid-year average of 93%, teacher recommendation, and completion of summer assignment.

This course is a second year high school Biology course and is designed for the advanced high school student seeking the challenge of college-level Biology. This course requires much independent study and reading, and will emphasize good laboratory practice and skill. The content of the course follows the guidelines established by the College Board AP Biology Committee. Students are strongly encouraged to take the AP Biology examination, which may qualify them for college credit. **Students are responsible for paying for the AP Exam.**

§453 AP CHEMISTRY

Credits: 7.0

Course Length: Year (7 periods per week)

Grade Level: 11, 12

Concurrent Math: CP Statistics, CP Pre-Calculus, or higher

Prerequisite: Honors Chemistry Mid-Year Average of 85% or better, or CP Chemistry mid-year average of 93%, teacher recommendation, and completion of summer assignment.

This course is a second year high school Chemistry course and is designed for the advanced high school student seeking the challenge of college-level Chemistry. In this course, students spend an amount of time outside of class on assigned work (problems sets, lab reports) equal to that formally scheduled for class and laboratory. The content of the course follows the guidelines established by the AP Program of the College Board. A strong mathematical background will be assumed. Students are encouraged to take the AP exam in Chemistry. **Students are responsible for paying for the AP Exam.**

§454 AP PHYSICS

Credits: 6.0

Course Length: Year (6 periods per week)

Grade Level: 12

Concurrent Math: AP or CP Calculus

Prerequisite: Honors Physics Mid-Year Average of 85% or better, or CP Physics mid-year average of 93%, teacher recommendation, and completion of summer assignment.

This course is a second year Physics course and is designed for the advanced high school student seeking the challenge of college-level Physics. This course requires much independent study and readings as well as advanced laboratory experiments. The content of the course follows the guidelines established by the College Board AP Physics Committee. Selected topics in electricity and magnetism will be explored as time permits. Students are strongly encouraged to take the AP Physics C Mechanics examination, which may qualify them for college credit. **Students are responsible for paying for the AP Exam.**

SCIENCE ELECTIVES

NOTE: Sophomores and juniors who take science electives must take it concurrently with their required science course for that year. Please refer to the Science Course Sequence Chart for more information.

460 CP MICROBIOLOGY

Credits: 2.5

Course Length: Semester

Grade Level 10, 11, 12

Prerequisite: CP or Honors Biology

This course is designed for students interested in college majors or careers in the fields of biology or medicine, including nursing. This lab-based course will explore the history, techniques and concepts of microbiology. Bacteria effecting humans will be focused on and studied in detail, with introduction to

fungi, amoeba, and algae. Extensive reading and independent study will be required. Lab preparation, participation and practical exams will be used for assessment.

461 CP ANATOMY AND PHYSIOLOGY

Course length: Semester

Credits: 2.5

Grade Level 10, 11, 12

Prerequisite: CP or Honors Biology

This course is designed for students interested in college majors in careers in the field of biology or medicine, including nursing. Students will study all body systems and the disorders that affect their function in depth. Enrichment topics may include medical ethics, personal medical responsibility, and the portrayal of medicine in the entertainment industry. Lab participation, extensive reading, and independent study will be required.

462 CP EARTH AND SPACE SCIENCE

Course Length: Semester

Credits: 2.5

Grade Level: 10, 11, 12

This course is designed for students interested in studying the processes that drive our planet and the universe around it. Topics of study include plate tectonics, seismology and volcanology, mineralogy, weathering and erosion, oceanography, astronomy and aerospace science. This course will involve both theory and experimentation in these fields of science. An emphasis will be placed in hands-on learning, research-based projects, and activities will be presented. This course is recommended for anyone interested in a major or career in the sciences and education.

463 CP METEOROLOGY

Credits: 2.5

Course Length: Semester

Grade Level: 10, 11, 12

This semester elective course studies the structure of the atmosphere, temperature, moisture and pressure tendencies, air masses, fronts, severe weather, tropical and winter weather, weather forecasting and climatology with an emphasis on local weather phenomena. A variety of activities and a student research project will be required.

464 CP FORENSIC SCIENCE

Credits: 5.0

Course Length: Year (5 periods per week)

Grade Level: 11, 12

Prerequisite: Biology and Chemistry

This course is designed for students interested in careers or possible college majors in related biological fields, Biotechnology, DNA & Molecular Biology, Crime Scene Investigative Sciences, Law Enforcement, and Forensics. This inquiry-centered course involves both theory and experimentation in these fields of science. Students will be expected to apply knowledge gained in Biology and Chemistry to their study in Forensics.

466 CP INTRODUCTION TO HORTICULTURE

Course length: Semester

Credits: 2.5

Grade level: 10, 11, 12

Prerequisite or Concurrent: Biology

This course will introduce the principles and practices in the development, production, and use of horticulture (fruits, vegetables, greenhouse, turf, nursery, floral, and landscape). This class includes the classification, structure, growth and development, and environmental influences on horticulture. This course will include hands-on work in the greenhouse tied to sustainable practices of composting, aquaponics and creation of soil profiles to encourage plant growth.

467 CP ECOLOGY OF NEW JERSEY

Credits: 2.5

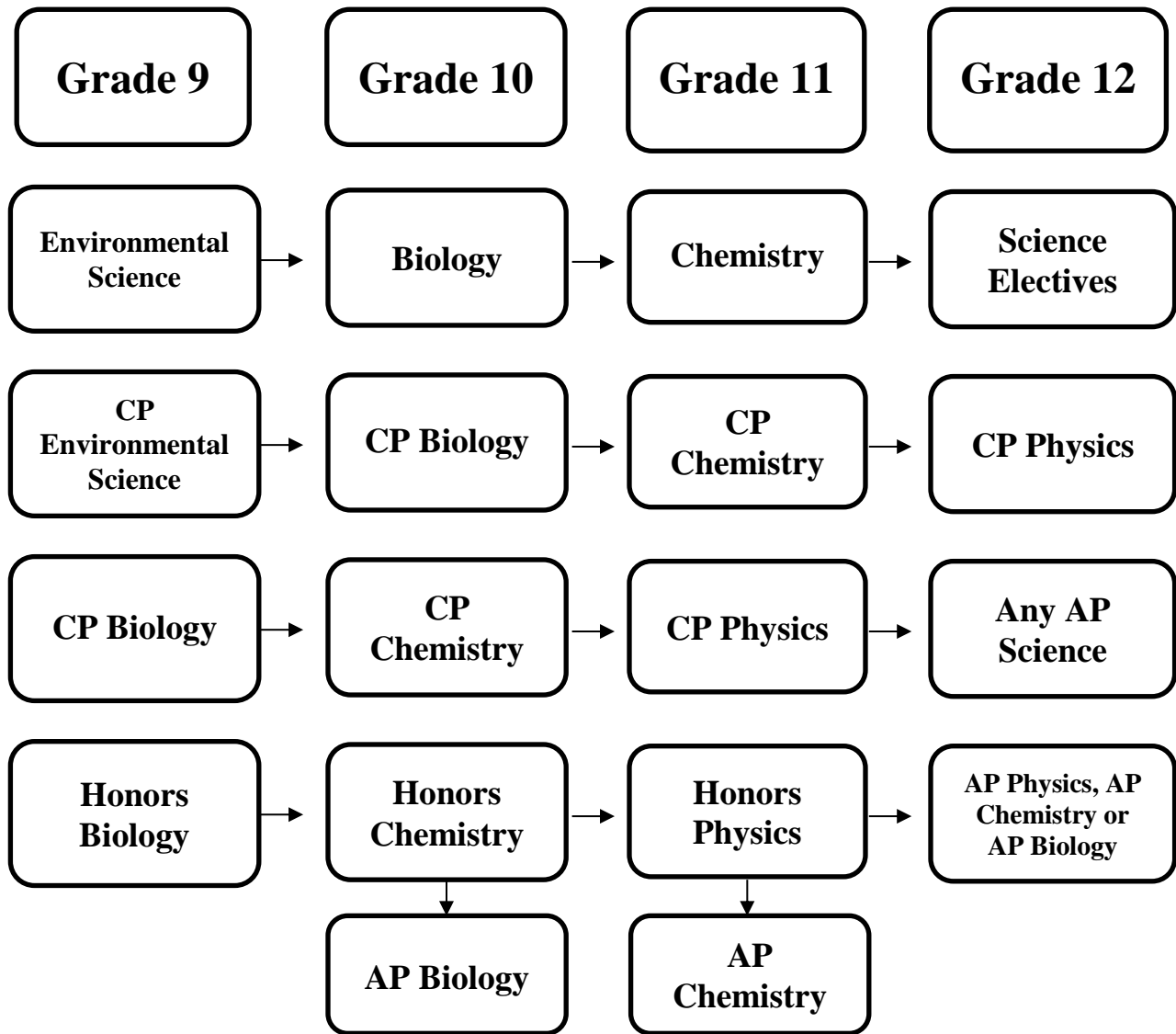
Course Length: Semester

Grades: 10, 11, 12

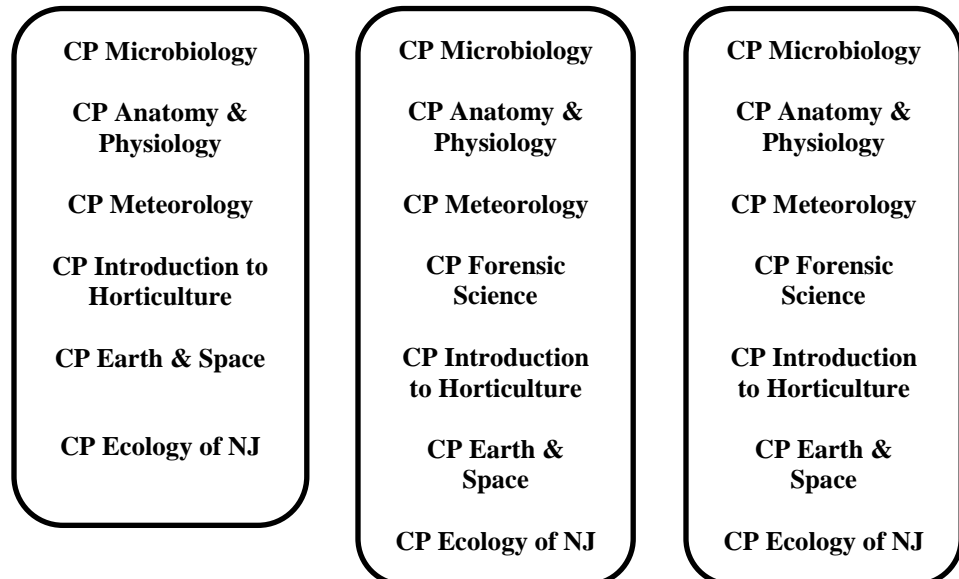
This course is designed as an in-depth study of the diverse ecosystems of our home state. Studies of the numerous biomes and eco-regions will form the foundation of this class. Students will be exposed to the geology, climate, hydrology, and biology specific to each part of the state. Research-based projects and activities will form the emphasis of learning, as well as selected trips and guest speakers. This course is designed as a cross-curricular choice with the New Jersey at the Crossroads of History course being offered by the Humanities Department.



COURSE SEQUENCE FOR SCIENCE



ELECTIVES



SOCIAL STUDIES

Social Studies refers to all the academic disciplines particular to the study of human activity. These include history, geography, sociology, civics, anthropology, psychology, and economics. To graduate from Delran High School, all students must pass three years of Social Studies. All freshmen are enrolled in World History. All sophomores must take United States History I, and all juniors must take United States History II. Juniors, in accordance with their US History II requirements, will perform a minimum of fifteen community service hours. Each of the United States History courses is offered at a different academic level. Students should discuss the appropriate level with their parents, teachers, and counselors. The Social Studies Department also offers several popular and worthwhile electives at different levels. Students can gain AP Credit or CAP credit within several of the offerings. The department encourages students to consider these electives as they round out their course schedules.

210 WORLD HISTORY

9 Course Length: Year

Credits: 5.0

Grade Level: 9

This course follows World History from the emergence of the first global age (1350-1770) to the challenges of the modern world today. The course will articulate the student's prior study of Ancient World History to connect each civilization's contribution to the modern world. The course will highlight the growing importance of global citizenship with activities knowledge, application and analysis consistent with building a sound foundation for the social sciences. Homework, class work and projects stress reading comprehension and concept application.

211 CP WORLD HISTORY

9 Course Length: Year

Credits: 5.0

Grade Level: 9

This course follows World History from the emergence of the first global age (1350-1770) to the challenges of the modern world today. The course will articulate the student's prior study of Ancient World History to connect each civilization's contribution to the modern world. The course will highlight the growing importance of global citizenship with activities knowledge, application and analysis consistent with building a sound foundation for the social sciences. The level of academic performance and expectations are higher in the college prep level and will involve a greater emphasis on writing and reading. Homework, class work and projects stress reading comprehension and writing skills as well as higher order thinking skills associated with the college prep level of instruction.

212 HONORS WORLD HISTORY

Course Length: Year

Credits: 5.0

Grade Level: 9

This course follows World History from the emergence of the first global age (1350-1770) to the challenges of the modern world today. The level of academic expectation is even higher than the college preparatory World History. The size and scope of essays and projects are greater as are the expectations for critical historical thinking. Students are required to complete a summer reading and related writing assignment which will serve as their first assessment grade for the course.

271 FUNDAMENTALS OF WORLD HISTORY

Course Length: Year

Credits: 5.0

Grade Level: 9

Small group instruction and individual attention given to specific student needs is the primary quality of this course. Mini units in world history and geography seek to encourage student interest as they develop a global appreciation and world foundation. Successful completion of this course satisfies one year of the social studies requirement for graduation. Specific accommodations and modifications will be provided and goals and objective will be addressed as indicated by the student's Individualized Education Plan (IEP).

281 PRINCIPLES OF WORLD HISTORY

Credits: 5.0

Course Length: Year

Grade Level: 9

Students in this course will receive small group instruction with individualized attention given to specific student needs. Specific accommodations and modifications will be provided and goals and objective will be addressed as indicated by the student's Individualized Education Plan (IEP). Students will be exposed to world history and geography in this course, which will encourage them to develop a foundation of the world in which they live. Successful completion of this course satisfies one year of the social studies requirement for graduation.

220 UNITED STATES HISTORY I

Course Length: Year

Credits: 5.0

Grade Level: 10

This course follows American History from the Colonial Period through the emergence of modern America focusing on Progressive reforms. Activities stress the knowledge and competencies required for effective American citizenship. Homework and class work stress reading comprehension and concept application as well as writing.

221 CP UNITED STATES HISTORY I

Course Length: Year

Credits: 5.0

Grade Level: 10

This course follows American History from the Colonial Period through the emergence of modern America focusing on Progressive reforms. Students will be asked to read and analyze primary and secondary source materials. Essay writing, research and presentation skills are also emphasized.

§222 HONORS UNITED STATES HISTORY I

Course Length: Year

Credits: 5.0

Grade Level: 10

Prerequisite: A grade of an "A" in World History *and* CP English or supervisor approval

This course follows American History from the Colonial Period through the emergence of modern America focusing on Progressive reforms. The size and scope of essays and projects are greater as are the expectations for critical historical thinking. Students will complete regular formal writing assignments and debates in preparation for their entrance into AP US History II.

272 FUNDAMENTALS OF UNITED STATES HISTORY I

Course Length: Year

Credits: 5.0

Grade Level: 10, 11

The focus on small group learning and individual help and instruction, remains the central feature of this course. The course will focus primarily on 18th and 19th Century United States History with an emphasis

placed upon citizenship and the Constitution. Successful completion of this course satisfies one year of the social studies requirement for graduation. Specific accommodations and modifications will be provided and goals and objective will be addressed as indicated by the student's Individualized Education Plan (IEP).

282 PRINCIPLES OF UNITED STATES HISTORY I

Credits: 5.0

Course Length: Year

Grade Level: 10, 11

Students in this course will receive small group instruction with individualized attention given to specific student needs. Specific accommodations and modifications will be provided and goals and objective will be addressed as indicated by the student's Individualized Education Plan (IEP). Students in this course will be exposed to 18th and 19th Century United States History. Successful completion of this course satisfies one year of the social studies requirement for graduation.

230 UNITED STATES HISTORY II

Course Length: Year

Credits: 5.0

Grade Level: 11

Prerequisite: US History I

This course studies American History from World War I through the Technology Age of the 21st Century. Activities stress the knowledge and competencies required for effective American citizenship. Homework and class work stress reading comprehension and concept application.

231 CP UNITED STATES HISTORY II

Course Length: Year

Credits: 5.0

Grade Level: 11

Prerequisite: US History I

This course studies American History from World War I through the Technology Age of the 21st Century. The level of academic instruction and expectations remain high for this program. Students will continue to focus on college preparatory reading, writing, research, and presentation skills.

§250 AP UNITED STATES HISTORY II

Course Length: Year

Credits: 5.0

Grade Level: 11

Prerequisite: Honors US History I Mid-Year Grade of 85% **or** CP US History I mid-year grade of 93%, teacher recommendation, and completion of summer assignment.

Advanced Placement US History is a college-level course offered to high school juniors. While the focus of this course will take students on the journey from post-Civil War America through the new millennium, the AP Examination covers every aspect of American History from colonialism to the present day. As such, students will need a solid background in US History I. Since this is a college-level course, students should be aware that an extensive amount of college-level reading and writing is required, and that students will be expected to have demonstrated strength in reading and writing through their English courses prior to their enrollment in AP US History II. Furthermore, all students enrolling in this course are strongly encouraged to take the AP Examination in May and must complete a summer reading assignment prior to the start of the course. **Students are responsible for paying for the AP Exam.**

273 FUNDAMENTALS OF UNITED STATES HISTORY II

Course Length: Year

Credits: 5.0

Grade Level: 11, 12

This course with the emphasis on individual help and the development of basic skills, includes units on 20th Century United States History up to and including modern day. Successful completion of this course satisfies one year of the social studies requirement for graduation. Specific accommodations and modifications will be provided and goals and objective will be addressed as indicated by the student's Individualized Education Plan (IEP).

283 PRINCIPLES OF UNITED STATES HISTORY II

Credits: 5.0

Course Length: Year

Grade Level: 11, 12

Students in this course will receive small group instruction with individualized attention given to specific student needs. Specific accommodations and modifications will be provided and goals and objective will be addressed as indicated by the student's Individualized Education Plan (IEP). Students in this course will be exposed to 20th Century United States History up to and including modern day. Successful completion of this course satisfies one year of the social studies requirement for graduation.

SOCIAL STUDIES DEPARTMENT ELECTIVES

§251 AP EUROPEAN HISTORY

Course Length: Year

Credits 5.0

Grade Level: 11, 12

Prerequisite: Honors US History I final grade of 85% or AP US History II mid-year Grade of 80%, teacher recommendation, and completion of summer assignment.

This course finishes the study of Western Civilization studied in the 9th grade, focusing on European History from the period of High Renaissance to the present day. Upon completion of the course, students are encouraged to take the AP European History exam that may qualify them for college placement or credit. **Students are responsible for paying for the AP Exam.** The level of expectation for student performance in this course is extremely high. Students will be required to do extensive amounts of college level reading and writing and manage several long-range assignments at once.

§252 AP UNITED STATES GOVERNMENT AND POLITICS

Course Length: Year

Credits 5.0

Grade Level: 11, 12

Prerequisite: Honors US History I final grade of 85% or AP US History II mid-year grade of 80%, teacher recommendation, and completion of summer assignment.

This course includes both the study of general concepts used to interpret U.S government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute United States government and politics. Students will become acquainted with the variety of theoretical perspectives and explanations for various political behaviors and outcomes. Since this is a college-level course, students should be aware that an extensive amount of college-level reading is required. Furthermore, all students enrolling in this course are strongly encouraged to take the AP examination in May and complete a summer assignment prior to the start of the course. **Students are responsible for paying for the AP Exam.**

§261 CP BEHAVIORAL SCIENCE

Length: Year
Grades: 11, 12

Credits: 5.0

Behavioral Science introduces students to the behavioral sciences of psychology and sociology. The course is designed for all students and will be helpful for those students planning to attend a two or four-year college; since it provides a strong foundation in psychology and sociology. The sociology section of this course will focus on key elements of culture, social structure and group behavior, socialization, deviance and crime, as well as many other important topics that pertain to race, ethnicity, gender, religion and the family. As for psychology, the main focus of the course involves the question: Is human behavior determined by nature (biology) or nurture (social forces)? Topics to be investigated include: biological psychology, sensation and perception, states of consciousness and theories of learning, memory, thought and language, motivation and emotion, personality, psychological assessment, abnormal psychology, stress and health, social psychology (cognition and behavior), and therapies for mental health. Students will be engaged in numerous hands-on experiments and interactive activities to investigate these meaningful and interesting topics.

262 CP GENOCIDE STUDIES

Course Length: Semester
Grades 11, 12

Credits 2.5

This course is designed to heighten student awareness of the Holocaust, the Armenian Genocide, and other genocides throughout world history, including recent examples of genocide in Africa. Students selecting this course should have a sincere interest in studying this serious topic, and should be prepared to read and write - not only about factual content - but about their feelings, impressions, and interpretations of world events. Students should be aware that mature subject matter will be both viewed and discussed and parental permission will be required for some of the videos that will be shown as part of the course. While the course content is both deep and demanding, this course covers all of the issues that time would not permit to be covered during a typical US History II course. Students in this class will have an opportunity to visit the United States Holocaust Memorial Museum in Washington, D.C. at the end of the semester.

263 CP THE VIETNAM WAR

Course Length: Semester
Grade Level: 11, 12

Credits 2.5

This course will help students develop an understand of the history and culture of Vietnam. It will identify the effects of colonization (China, Japan, and France) on the country of Vietnam. It will detail the origins of United States involvement in Vietnam and the extent to which the United States carried out its commitment there. The course will examine the impact of the Vietnam War on American and Vietnamese politics and society past and present. Students will experience music, poetry, film, literature, and speakers to enhance their understanding of the Vietnam Era. The course will conclude with a trip to the Vietnam Wall in Washington D.C. Some of the themes, concepts, and materials are best suited for mature audiences.

264 CP NEW JERSEY AT THE CROSSROADS OF HISTORY

Course Length: Semester
Grade Level: 9, 10, 11, 12

Credits 2.5

This course will trace the history of the State of New Jersey through its beginnings by examining the geological and prehistoric make up. The course will then detail the Lenni-Lenape Settlement into the area with specific emphasis on the surrounding Delaware and Rancocas watersheds. Students will explore the first European settlements in New Jersey and the state's immediate importance in terms of geography to the

growing population centers of North America. Students will have the opportunity to investigate why New Jersey has the distinction of being labeled the Cross Roads of the American Revolution. The course will explore New Jersey's critical role during the Industrial Revolution through to current time. Lastly, students will see the state through several field-trips to relevant historic locations throughout the state.

265 CP DELIBERATION AND DEBATE

Course Length: Semester

Credits: 2.5

Grade Level: 9, 10, 11, 12

This course will provide students with the knowledge and skills needed to accurately prepare and debate various topics and issues including historical and contemporary topics and court cases. It is essential for students to learn how to critically analyze the world around them and develop a factual document based argument using logic. Students will have practical experience conducting research, speaking, participating in group projects, and debates. Students are provided the opportunity to hone their skills as analytical thinkers and persuasive speakers.

266 CP AMERICAN LAW AND LEGAL SYSTEM

Course Length: Semester

Credits: 2.5

Grade Level: 9, 10, 11, 12

American Law and Legal System is a one-semester course that serves as an introduction to both Constitutional and Criminal Law. A strong emphasis on case studies and a focus on current news items are an integral part of the course. Activities will include but are not limited to discussing and writing about current and controversial issues and engaging in simulated mock trials and moot courts. Topics of study will include current issues involving freedom of speech, freedom of religion, 1st Amendment rights in public schools, the right to privacy, civil rights protections for criminals and victims, crimes against the person, crimes against property, and criminal defenses. The course will also emphasize the nature and causes of crime in America and the process of the criminal and juvenile justice system.



COURSE SEQUENCE FOR SOCIAL STUDIES

Grade 9	Grade 10	Grade 11	Grade 12
<p>Fundamentals of World History</p> <p>or</p> <p>Principles of World History</p> <p>Or</p> <p>World History</p> <p>or</p> <p>CP World History</p> <p>or</p> <p>Honors World History</p>	<p>Fundamentals of US History I</p> <p>or</p> <p>Principles of US History I</p> <p>or</p> <p>US History I</p> <p>or</p> <p>CP US History I</p> <p>or</p> <p>Honors US History I</p>	<p>Fundamentals of US History II</p> <p>or</p> <p>Principles of US History II</p> <p>or</p> <p>US History II</p> <p>or</p> <p>CP US History II</p> <p>or</p> <p>AP US History II</p>	<p>Elective</p>

ELECTIVES

<p>CP Deliberation & Debate</p> <p>CP NJ History</p> <p>CP American Law and Legal System</p>	<p>CP Deliberation & Debate</p> <p>CP NJ History</p> <p>CP American Law and Legal System</p>	<p>CP Deliberation & Debate</p> <p>CP NJ History</p> <p>CP The Vietnam War</p> <p>CP Genocide Studies</p> <p>CP Behavioral Science</p> <p>AP US Government & Politics</p> <p>AP European History</p> <p>CP American Law and Legal System</p>	<p>CP Deliberation & Debate</p> <p>CP NJ History</p> <p>CP The Vietnam War</p> <p>CP Genocide Studies</p> <p>CP Behavioral Science</p> <p>AP US Government & Politics</p> <p>AP European History</p> <p>CP American Law and Legal System</p>
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TECHNOLOGY EDUCATION

Technology Education, an integral part of the total educational program, provides a beneficial outlet for students to express themselves through the use of tools, materials and processes of American industry. The extensive and varied course offerings service the needs of both the student who wishes to explore many different types of activities and the student who wishes to concentrate on a particular area in preparation for entry level employment following high school. The school will attempt to provide students with supplies and materials for all basic areas of study. A minimum of 5 credits in 21st Century Life and Careers, or Career-Technical Education are required for graduation in the State of New Jersey.

WOODWORKING AND DRAFTING TECHNOLOGY

700 CP DO IT YOURSELF AND MAKING A DIFFERENCE

Course Length: Year

Credits: 5.0

Grade Level: 10, 11, 12

This course is designed to teach students how to complete various household repairs through the construction of an actual room or office. The curriculum will cover the skills necessary to make various household improvements in the areas of carpentry, plumbing, electrical, decorating, and other “do-it-yourself” projects.

701 CP WOODWORKING TECHNOLOGY I

Course Length: Year

Credits: 5.0

Grade Level: 9, 10, 11, 12

Instruction will include the design, construction and finish procedures necessary for practical applications in woodworking. Students taking this course will develop basic skills in the use of hand tools, power tools and machine tools for building wood products. Wood and supplies are provided for all students.

702 CP WOODWORKING TECHNOLOGY II

Course Length: Year

Credits: 5.0

Grade Level: 10, 11, 12

Prerequisite: Woodworking Technology I

This course is intended for the student who has one year of woodworking experience. Students will further develop skills in cutting, shaping and joining wood. An advanced woodworking concept will be emphasized through construction of quality wood furniture and cabinets. Emphasis will be placed upon proper procedures and shop safety.

703 CP WOODWORKING TECHNOLOGY III

Course Length: Year

Credits: 5.0

Grade Level: 11, 12

Prerequisite: Woodworking Technology II and Instructor Approval

This course is for the woodworking student who has developed a high degree of proficiency in the use of all hand tools, power tools and machinery in the woodworking lab. The student must be able to work independently with a high level of efficiency. Students will work on individual projects that reflect an advanced quality of craftsmanship.

721 CP DRAFTING TECHNOLOGY I

Course Length: Year
Grade Level: 9, 10, 11, 12

Credits: 5.0

This course is for the student who is interested in drawing and design. Students will learn to prepare sketches and technical drawings as related to mechanical and architectural drafting. The basic strategies will be stressed through hands-on drawings on boards. Additional instruction will be given through computer added applications.

740 CP COMPUTER PROGRAMMING

Course length: Year
Grade level: 9, 10, 11, 12
Prerequisite or Concurrent Math: Geometry

Credits: 5.0

This course offers an introduction to structured computer programming using Python. Topics include introduction to writing programs, loops and logical operations, data structure, searching and sorting, text files, and designing and writing programs in structured form using modular design. Emphasis will be on problem-solving techniques and logic.

743 CP INTRODUCTION TO ENGINEERING DESIGN

Course length: Full year (5 periods per week)
Grade level: 9, 10, 11, 12
Prerequisite or Concurrent Math: Geometry

Credits: 5.0

This course teaches problem-solving skills using a design development process. Models of product solutions are created, analyzed, and communicated using both hands-on materials and computer design software. This course is open to all students with a desire to explore the field of engineering.

744 CP ENGINEERING II: ROBOTICS

Course Length: Semester
Grade Level: 10, 11, 12
Prerequisite: Introduction to Engineering Design

Credits: 2.5

The purpose of this course is to introduce students to basics of modeling, design, planning, and control of robot systems. Using robots, students will learn the fundamentals of problem solving, program design, algorithms and programming using a high-level language. This is the second course in the engineering sequence.

750 AP COMPUTER SCIENCE A

Course Length: Year
Grade Level: 11, 12

Credits: 5.0

Prerequisite: Computer Programming with A Mid-Year Grade of 85% or Better, Teacher recommendation, and Completion of Summer Assignment.

This ambitious course is designed to expose students to concepts central to modern object oriented programming and computer science. Control structures, Boolean logic, and input/output techniques are examined in detail. Recursive methods, as well as searching and sorting algorithms are also studied. All programming assignments are implemented in the Java programming language. Students taking this course are strongly encouraged to take the AP examination.

WORLD LANGUAGES

The World Languages program courses guide students toward fluency in the German, French and Spanish languages. Each course incorporates real world themes, providing students with authentic activities, and opportunities to produce the studied language through interpersonal, interpretive, and presentational modes of communication. Beginning at level one, each course builds upon the previous, advancing students along the guidelines provided by the American Council on the Teaching of Foreign Languages. Studies build communicative competence with a strong emphasis on grammar and vocabulary, enhancing their ability to use the language beyond the school setting. Students are exposed to various target language cultures, and are able to make personal connections and insightful comparisons to the cultures studied and their own.

**Spanish classes beginning at level two are offered at the *Honors* level and *Advanced Placement* level at levels 4 and 5. *Honors* courses are strongly recommended to students who are preparing for the *Advanced Placement* courses.

500 SPANISH LANGUAGE AND CULTURE

Course length: Year

Credits: 5.0

Grade level: 9, 10, 11, 12

Prerequisite: Cycle Courses at DMS in Spanish Language

This course satisfies the graduation requirement for the State of New Jersey, but DOES NOT fulfill the two-year world language requirement for acceptance into colleges and university. The nature of this course is to provide a basic grammatical foundation of Spanish for students with little to no experience of the language. The course involves an extensive study of Spanish speaking countries and their respective cultures. The curriculum is modified for students who need additional support or do not yet feel prepared to take Spanish one.

510 CP SPANISH I; 511 CP FRENCH I; 512 GERMAN I

Course length: Year

Credits: 5.0

Grade level: 9, 10, 11, 12

Prerequisite: Successful completion of previous level course.

Level one courses are designed for students with little to no experience with the language, or have successfully completed cycle courses at the middle school. Students are immersed in the target language, and begin to develop communicative skills, focusing on pronunciation and simple grammatical structures at a word level. Students are introduced to cultural aspects of the studied language.

520 CP SPANISH II; 521 CP FRENCH II; 522 CP GERMAN II

525 HONORS SPANISH II

Course length: Year

Credits: 5.0

Grade level: 9, 10, 11, 12

Prerequisite: Successful completion of previous level course.

Level two courses are designed for students who have successfully completed level one at the high school or middle school. Students are immersed in the target language, and continue to develop communicative skills, focusing on more advanced grammatical structures and vocabulary at sentence level. Cultures are explored and students begin to make personal connections and comparisons to their own culture.

530 CP SPANISH III; 531 CP French III; 532 CP German III

535 HONORS Spanish III

Course length: Year

Credits: 5.0

Grade level: 10, 11, 12

Prerequisite: Successful completion of previous level course.

Level three courses are designed for students who have successfully completed levels one and two at the high school or middle school. Studies are immersed in the target language, and use strategies to negotiate meaning, understand text, and express themselves. Students improve upon communicative skills, using advanced grammar and vocabulary at the paragraph level.

§540 HONORS SPANISH IV; §541 HONORS FRENCH IV; §542 HONORS GERMAN IV

Course length: Year

Credits: 5.0

Grade level: 11, 12

Prerequisite: Successful completion of previous level course.

Level four *Honors* courses are designed for students who have successfully completed CP levels one through three in Spanish, French, or German OR Spanish *Honors* levels two and three. Students are immersed in the target language, negotiate meaning, and express themselves at a conversational level in practical and spontaneous situations. Advanced grammatical structures and vocabulary are utilized in a variety of authentic mediums, including articles, media, film, and literature. Historical and cultural themes are analyzed in context with grammatical and vocabulary structures.

§550 PRE-AP SPANISH IV

Course length: Year

Credits: 5.0

Grade level: 11, 12

Prerequisite: Successful completion of previous level course.

This course is designed for students who have successfully completed *Honors* levels two and three and are planning to take AP Spanish V. Students are immersed in target language, negotiate meaning, and express themselves at a conversational level in practical and spontaneous situations. Advanced grammatical structures and vocabulary are utilized in a variety of authentic mediums, including articles, media, film, and literature. In addition, this course exposes students to the themes and structure of the Advanced Placement Exam.

§551 HONORS FRENCH V; §552 HONORS GERMAN V

Course length: Year

Credits: 5.0

Grade level: 12

Prerequisite: Successful completion of previous level course.

Level V *Honors* classes are designed for students who have successfully completed French or German levels one through four. Students are immersed in target language, negotiate meaning, and express opinions at a conversational level in practical and spontaneous situations. Advanced grammatical structures and vocabulary are perfected through a variety of authentic mediums, including articles, media, film and literature. Students engage in dialogues, debates, skits on a variety of complex topics. Historical and cultural themes are analyzed in context with grammatical and vocabulary structures.

§555 AP SPANISH V

Course length: Year

Credits: 5.0

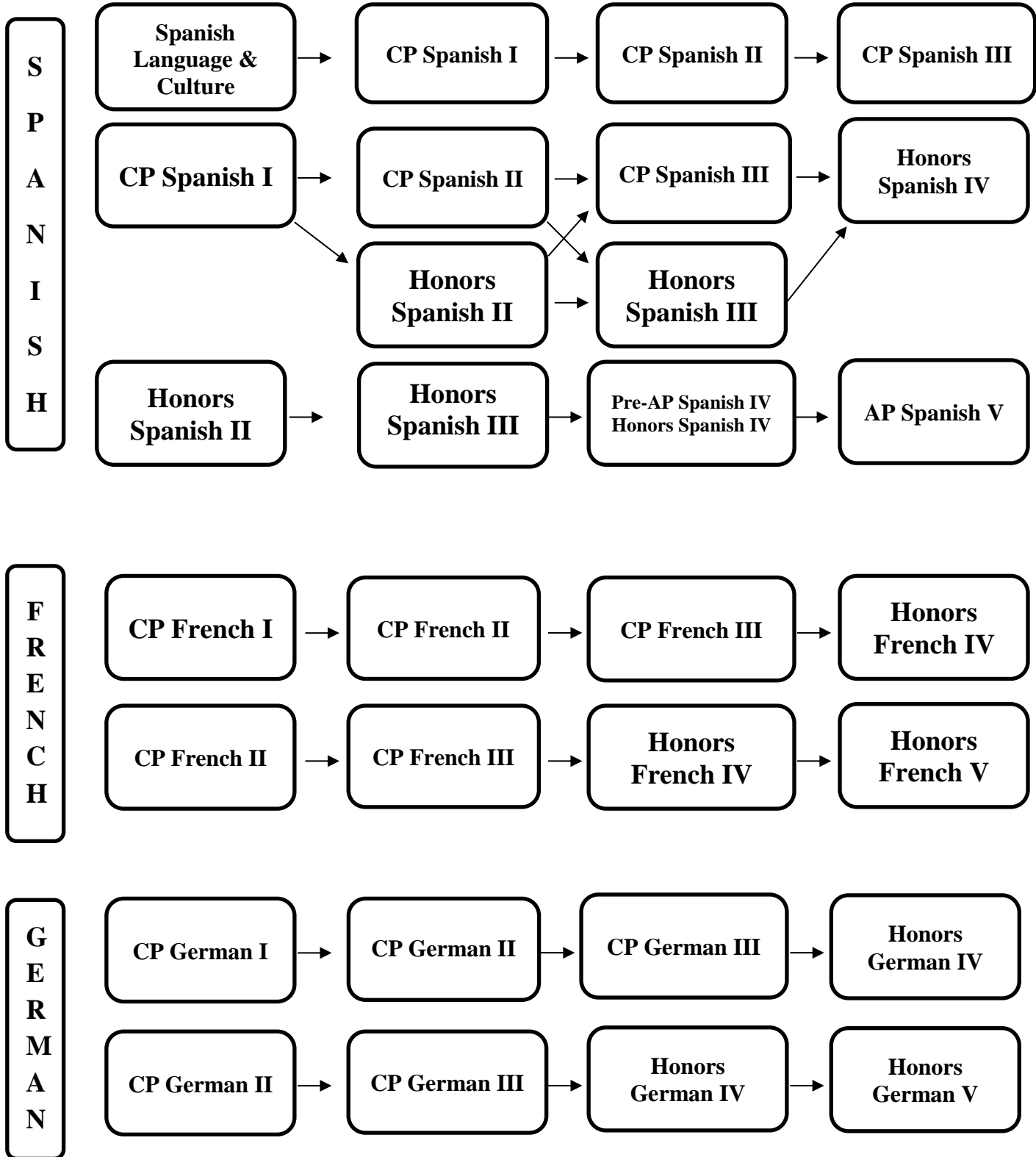
Grade level: 12

Prerequisite: Successful completion of previous level course.

The AP Spanish V course is designed for students who have successfully completed Pre-AP Spanish IV, and plan on taking the Advanced Placement Exam. This course challenges students in all facets of

language learning to develop advanced interpretive, interpersonal, and presentational proficiency. Global themes are analyzed in context with grammatical and vocabulary structures. **Students are encouraged to take and are responsible for paying for the AP Exam.**

COURSE SEQUENCE FOR WORLD LANGUAGES



CO-OP MARKETING / SENIOR OPTION / STUDY HALL

690 CP COOPERATIVE MARKETING EDUCATION

Course Length: Year

Credits: 15.0

Grade Level: 12

Cooperative Marketing Education is designed for the student who wants to work part-time in a business environment. Cooperative Marketing Education provides a background for either attending college or obtaining full-time employment following graduation from high school. Students may work in a number of occupational areas: fashion merchandising, food service, banking, food marketing, or general retail merchandising and advertising. Throughout the course of the year, students participate in school and supervised paid work experiences with cooperating employers. In the related class, students will participate in discussions, small group learning, research, and on-the-job training. Skills related to their career objective will be explored.

990 SENIOR OPTION

Credits: Varies

Course Length: Year

Grade Level: 12

This offering is available to seniors who wish to pursue alternative learning strategies including community college attendance, trade or technical training, and approved courses from internet sources. In addition to **6 class periods** here at DHS, students are **required to take one course per semester at another accredited institution**. The course chosen cannot be offered here at DHS. Proof of enrollment and end course transcript must be submitted upon completion. All expenses related to outside courses are the sole responsibility of student and family. The experiences will be selected by the student, parent and counselor and approved by the administration.

995/996 STUDY HALL - SEMESTER

Credits: 0.0

Course Length: Semester

Grade Level: 9, 10, 11, 12

999 STUDY HALL

Credits: 0.0

Course Length: Year

Grade Level: 9, 10, 11, 12