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AN OVERVIEW

Mission Statement

Calvert Hall College High School, a Catholic and Lasallian college preparatory school, provides a diverse community of young men with a broad and balanced human and Christian education through excellent academic and extracurricular programs that promote leadership, achievement and service within the Church and community.

The mission statement reflects the following common beliefs held by the Calvert Hall community:

We believe that a value centered Catholic Education based on the teachings of St. John Baptist de La Salle is at the heart of Calvert Hall.

We believe that every student is entitled to an excellent academic education.

We believe that every student needs to be challenged to reach his full potential.

We believe that a college preparatory program provides every student with the skills to be a productive member of society.

We believe that every student needs the opportunity to cultivate his God-given gifts and talents.

We believe that a caring community develops the interpersonal relationships that are vital to the educational process.

We believe that the atmosphere of the Calvert Hall community promotes a brotherhood that endures beyond graduation.

We believe that Calvert Hall fosters an appreciation for the uniqueness of each person.

The centerpiece of the academic component of the mission is the Program of Studies which is the focus of this booklet.

This booklet contains a complete listing and explanation of all the course offerings a student might take in his four years at Calvert Hall College. These descriptions are given so that each student, in consultation with his parents, teachers, and counselor, can make the choices that will correctly guide his educational development.

In addition to course listings, this booklet contains the course sequences, the curriculum for each year, requirements for graduation and other pertinent academic information. If at any time you need additional information about Calvert Hall's academic program please do not hesitate to call the Assistant Principal at 410-825-4266.
ACADEMIC INFORMATION

Reports: Progress Reports are issued in November and March. Grades on the Progress Reports are not quarterly grades but simply indicators of the quality of work being performed to date. Semester Grade Reports are issued in January and June. The semester grade in each subject represents the cumulative average of all work done throughout the semester including the student's achievement on the semester exam. A student's Final Grade for the year is determined by averaging the grades on the two Semester Grade Reports. Faculty members, with the approval of the Assistant Principal, may override the numerical average of the semester grades in determining a final grade. Students receive Progress Reports and Interim Reports two times a year - one of each before each Semester Grade Report. All Progress and Semester Grade Reports must be electronically verified on the parent portal by a parent or guardian.

Examinations: Semester Exams are given in January and June (May for Seniors). The importance of the Semester Examinations is indicated by the setting aside of special Examination Days and by the fact that the examinations account for 20% of the Semester Grade. Students may not miss exams without a doctor’s note.

<table>
<thead>
<tr>
<th>Numerical Range</th>
<th>MARKING SYSTEM</th>
<th>Grade Point Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>96-100</td>
<td>A+</td>
<td>4.0</td>
</tr>
<tr>
<td>92-95.9</td>
<td>A</td>
<td>4.0</td>
</tr>
<tr>
<td>89-91.9</td>
<td>A-</td>
<td>3.8-3.99</td>
</tr>
<tr>
<td>86-88.9</td>
<td>B+</td>
<td>3.4-3.79</td>
</tr>
<tr>
<td>83-85.9</td>
<td>B</td>
<td>3.0-3.39</td>
</tr>
<tr>
<td>81-82.9</td>
<td>B-</td>
<td>2.8-2.99</td>
</tr>
<tr>
<td>78-80.9</td>
<td>C+</td>
<td>2.4-2.79</td>
</tr>
<tr>
<td>75-77.9</td>
<td>C</td>
<td>2.0-2.39</td>
</tr>
<tr>
<td>73-74.9</td>
<td>C-</td>
<td>1.6-1.99</td>
</tr>
<tr>
<td>72-72.9</td>
<td>D+</td>
<td>1.4-1.59</td>
</tr>
<tr>
<td>70-71.9</td>
<td>D</td>
<td>1.0-1.39</td>
</tr>
<tr>
<td>69 and below</td>
<td>F</td>
<td>0.0-0.99</td>
</tr>
</tbody>
</table>

A student who fails to complete requirements may receive a grade of "I". If course work is not completed in one week's time, the student will receive a final grade of 65. With the approval of the Assistant Principal the deadline for completion can be modified for special circumstances.

National Honor Society: Students are eligible for selection into the National Honor Society by fulfilling the criteria established by the Faculty Council:

1) Scholarship: A student must be entering his Junior or Senior year and have a minimum cumulative grade point average of 90.0 unweighted, or 93.0 weighted.
2) Character & Leadership: A student must demonstrate positive leadership qualities in the classroom and in school activities. School discipline records are considered in evaluating this criteria.
3) Service: A student must demonstrate at least two years active participation in one or more CHC activities for which a Calvert Hall letter is awarded. In addition, a student must complete 8 hours of approved community service during their sophomore or junior year. Note, this is over and above the required junior religion class service requirement.
**Honor Roll:** Any student who has achieved an academic average of 88 and has no grade below 81 is eligible for the Honor Roll. Honor Roll is determined on a semester basis. The student must maintain an 88 average each semester to continue to be on the Honor Roll. P.E./Health is not used in the GPA average.

**Academic Letters & Certificates:** Each year, in October, the school holds an Academic Convocation. At this ceremony, those students who have been on the Honor Roll for both semesters in the previous academic year receive an academic letter or star. Certificates of excellence, in all subject areas, are awarded to students in each grade level maintaining the highest academic average for a particular subject.

**Academic Probation:** A student with two or more credit failures at the end of the first semester or as a final grade will be placed on Academic Probation. The student will be assigned to the Academic Resource Center. In addition, the student is subject to additional academic program or schedule modifications as determined by the Assistant Principal. A student on academic probation for three consecutive semesters may be asked to withdraw from Calvert Hall at the end of the academic year.

**Promotion Requirements:** Students earn academic credit by satisfactorily completing the prescribed curriculum for each course. Students must receive passing grades in all subjects. Students who have failures must remove these failures in an approved summer program in order to return to Calvert Hall. Students with three or more credit failures at the end of the academic year must withdraw from Calvert Hall.

**Graduation:** Seniors who fail an academic subject at the end of the senior year may participate in the Graduation Exercises but do not receive a diploma until all graduation requirements are met. Up to two and a half credit failures may be made up in summer school. The diploma in that case would be awarded at the end of the summer session. Seniors who have three or more academic credit failures must repeat the twelfth grade in another school and will not receive a Calvert Hall diploma. All graduating seniors must attend the Graduation Liturgy and Commencement Exercises and all rehearsals.

**Graduation Requirements:** All Calvert Hall students follow a college preparatory program consisting of:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4</td>
</tr>
<tr>
<td>Laboratory Science</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>2</td>
</tr>
<tr>
<td>Computer Applications I</td>
<td>½</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>½</td>
</tr>
<tr>
<td>Social Studies</td>
<td>4*</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>Religion</td>
<td>4</td>
</tr>
<tr>
<td>Physical Education/Health</td>
<td>1</td>
</tr>
<tr>
<td>Electives</td>
<td>4</td>
</tr>
</tbody>
</table>

*Most students will have 4 Units of Social Studies, but some combinations of Fine Art Programs and Honors Programs result in only 3 Units.

**Students may be exempt from Computer Apps due to scheduling restrictions with combinations of honors classes, Scholar Programs, Fine Art Programs, and LaSalle Programs.

***Although we endeavor to have 1 Unit of PE/Health, sometimes a combination of Scholar Programs, Fine Art Programs, and LaSalle Programs may exempt a student from the full unit or reduce to only 1/2 Unit.

At times, students enroll in summer courses to advance to the next level of math or language. These outside programs must be approved by the Assistant Principal. Courses taken in the summer may not replace a required unit as shown above. For example, if Geometry is taken during the summer to advance to Algebra II, students still need 3 units of Math taken during the school years at Calvert Hall. The summer course does not count in the units for graduation. Generally only Geometry taken the summer before sophomore year is approved.

Early or accelerated graduation is not available as part of the Calvert Hall Program of Study.
Grade Point Average: Grade Point Average is determined by adding the grades and dividing by the number of credits. For example:

<table>
<thead>
<tr>
<th>Courses</th>
<th>Grade</th>
<th>Credits</th>
<th>Grade x Cr</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foundations of Christianity</td>
<td>78</td>
<td>1</td>
<td>78</td>
</tr>
<tr>
<td>Algebra I</td>
<td>86</td>
<td>1</td>
<td>86</td>
</tr>
<tr>
<td>Biology</td>
<td>90</td>
<td>1</td>
<td>90</td>
</tr>
<tr>
<td>World History I</td>
<td>82</td>
<td>1</td>
<td>82</td>
</tr>
<tr>
<td>English I</td>
<td>88</td>
<td>1</td>
<td>88</td>
</tr>
<tr>
<td>Spanish I</td>
<td>83</td>
<td>1</td>
<td>83</td>
</tr>
<tr>
<td>Computer Applications I</td>
<td>91</td>
<td>½</td>
<td>45.5</td>
</tr>
<tr>
<td>Phys Ed./Health</td>
<td>85</td>
<td>½*</td>
<td>0</td>
</tr>
</tbody>
</table>

Total Cr: 6.5 GPA: 85

*Note: Phys Ed./Health does not count in GPA

Grade Reporting: Calvert Hall reports both weighted and un-weighted cumulative grade averages for all students. Weighted averages include bonus points awarded for completing honors or AP classes. The school does not rank students. Grade distribution information is provided on the Secondary School Report which is submitted to colleges and universities with a student’s transcript.

Program of Studies:

1) Two 1/2 credit classes may not be substituted for a full credit class.

2) Half-credit electives are currently taught as a blended course (2 in class, one class online). However, all fine arts electives are taught traditionally.

3) Band may not be used in place of a full credit elective in 11th, and 12th grades.

4) Students enrolled in AP classes are required to register and complete the official AP exam associated with the class. There is a fee for the AP Exam.

5) Although scheduled as a pair, Health and Physical Education are evaluated independently by semester.

6) Physical Education I/Health, Physical Education II & III are not counted in the grade point average.

7) Careful attention should be given to the course selection process. Students should choose the most challenging schedule possible within their ability level. Counselors, teachers and the student must work together in the course placement process. Courses will not be changed during the school year without extreme circumstances. A poor grade or a lack of interest is not an extreme circumstance. Students are encouraged to build a transcript that is beyond the mandatory requirements. However, not every student is equipped to take extra classes. Courses beyond the mandatory requirement may not be dropped after the scheduling procedure has begun.
Academic Classifications of Courses

Calvert Hall endeavors to place students homogeneously. Each course falls into one of the following categories. All of our courses are college preparatory classes.

1. Flex College Prep Level - flex courses are designed with skill building in mind. Increased attention is given to writing skills, reading skills, and study skills for each course. The speed of the course will vary but the workload will not. All essential topics will be covered.

2. Assisted College Prep Level — assisted courses will have an “A” on the end of the course number. The assisted level is only available in the freshman year in Math and Science. These courses still have an emphasis on skill development but the speed and depth of the course will be increased from the flex level.

3. College Prep Level — these courses are designed to challenge students who have adequately mastered skills, sustained performance and standardized testing supports placement.

4. Honors Courses — these courses are designed to challenge students who have demonstrated excellence in performance, in standardized testing and can handle the increased workload. Tests, assignments and class discussions are crafted to help prepare students for eventual AP course consideration.

5. AP Level — Students taking AP classes have consistently demonstrated excellence in performance in Honors classes. Students who choose AP classes are required to take the AP exam. There is a fee for the AP Exam.

COURSE SELECTION PROCESS

In the Spring of each year, CHC students, in consultation with their parents, teachers, and counselor select courses for the next academic year. BEFORE selecting their choices, students must get teacher and/or counselor for most courses. Teachers, counselors and the school are guided by the principle that students should be challenged to their ability and thereby the school reserves the right to place students at the appropriate level based on the student's academic record and his teacher's recommendations.

Schedules generally will be mailed in mid-August. Once the Academic Year starts, students are not allowed to reduce or change their course load by dropping a course. (This requirement also applies to students carrying a course overload).

Course selection is a three phase process:

Phase I: Teachers make online recommendations for students in their classes based on grades, performance and work ethics.

Phase II: Students begin course selection online. Students initiate discussions with teachers and counselors to advocate for a move up or a possible different course recommendation. Parents should also be involved with their students course selections and must verify online that they have seen their son(s) final course selection by the student course selection due date. Students may not move up or down in any course without teacher approval.

Phase III: Counselors evaluate all students course requests for overall difficulty, completeness and correctness. Changes may be made with parent notification and approval when necessary.

Note: In some instances courses may not fit once the scheduling process begins in June. Students and parents will be notified in such circumstances.
LASALLE and ACADEMIC SUPPORT Programs

LaSalle students meet with their learning supervisor six times per cycle. Students in the Academic support program meet three times per cycle. These vital classes put additional strain on the schedule of the students in the program. For that reason, there are some provisions made within the schedule for members of these programs.

ACADEMIC SUPPORT (ASP)

In the freshman year, PE/Health is generally waived until the sophomore or junior year. In some instances, if a student/parent feels strongly that their son needs to be in PE, the Assistant Principal will attempt to fit PE into the freshman schedule.

In the sophomore year, the fine art requirement may be delayed until the junior year if the student is in his second year in ASP.

The academic support program is generally reserved for students in the freshman and sophomore year. If a student is in the ASP as a junior or senior, there is more room in his schedule for the ASP classes so no special rules are needed.

LASALLE

In the freshman year, LaSalle students do not take a foreign language.

In the Sophomore year, LaSalle students who are not in Band or Art typically start their foreign language and fine art is waived. Students who are in Band/Art are recommended to defer foreign language until junior year. Similarly, those who strongly desire a fine art ½ credit class will delay starting foreign language until junior year. Spanish is usually the recommended language since that is the only course that has a flex college prep level. However, students who prefer taking a different language may pursue German, French or Latin with the recommendation of their LaSalle teacher.

In the junior year, all LaSalle students will take either foreign language (1st or 2nd year) in addition to Religion, Math, Social Studies, English and LaSalle for a total of six (6) credits. Some students will take a ½ credit course (e.g. leadership). Only highly motivated students will take a science as a 7th course.

In the senior year, in addition to LaSalle, students will take Religion, English, Social Studies, and Science and/or a second year of language if needed. The last class(es) will be chosen from a third year of language (if applicable), math, science, business, or psychology electives.
FRESHMEN

*Freshman who are not McMullen Scholars take 8 courses (2 at 1/2 credit*)
McMullen Scholars take 7 full credit courses

RELIGION: The Revelation of Jesus Christ

MATHEMATICS: Honors Algebra I (211H) Algebra I (211/211A/213)
Honors Algebra II (236) Algebra II (232)
Honors Geometry (226) Geometry (222)
Honors Pre-calculus (245) Precalculus(241)

SCIENCE: Honors Biology (305) Biology (312 / 314)

SOCIAL STUDIES: Honors World History I (415) World History I (411, 413)
AP Human Geography (475)

ENGLISH: Honors English I (515) English I (511, 513)

FOREIGN LANGUAGE:
Honors French II French I, II
Honors Spanish I, II Spanish I (617,618), II
Honors Latin I
Honors German I, II German I, II

COMPUTER APPS and PRESENTATION SKILLS*

PHYSICAL EDUCATION  I/HEALTH*

FINE ARTS: *Students in Basic Art, Band w/Fundamentals of Instrumental Music, Jazz w/
Fundamentals of Instrumental Music, and Hallman Chorus take these in place of Physical
Education/Health and Computer Applications.*
Visual Arts: Basic Art
Music: Band, Fundamentals of Instrumental Music,*
Jazz*, String Orchestra*
Hallmen Chorus, Corridors Vocal Ensemble* (w/730),
Madrigal Ensemble*,
Chamber Chorus*

*Students in the McMULLEN SCHOLARS PROGRAM take Honors Latin I in place of
Computer Applications I and Physical Education/Health.
SOPHOMORES

Sophomores who are not McMullen Scholars take 8 courses (2 at 1/2 credit*)
McMullen Scholars take 7 full credit courses

RELIGION: Jesus and Morality (121, 123)

MATHEMATICS: Honors Geometry (226) Geometry (222, 224)
Honors Algebra II (236) Algebra II (232)
Honors Pre-Calculus (245) Pre-Calculus (241)

SCIENCE: Honors Chemistry (335)
Chemistry (326, 327)

SOCIAL STUDIES: Honors World History II (426) World History II (421, 423)
AP World History (425)

ENGLISH: Honors English II (525) English II (521, 523)

FOREIGN LANGUAGE: Honors Latin I, II, III Latin II, III
Honors French II, III French I, II, III
Honors Spanish I, II, III Spanish I, II (627, 628), III
Honors German I, II, III German I, II, III

PHYSICAL EDUCATION II *

FINE ARTS (one course required either 1/2(*) or 1 credit)

Visual Arts: Basic Art Advanced Drawing & Painting
Sculpture and Design Fundamentals of Art* Intro. to Graphic Design*

Music: Band, Jazz* or String Orchestra*
Ensembles: Brass*, Woodwind* & Percussion*
Basics of Guitar* Intermediate Guitar*
Fundamentals of Instrumental Music*
Foundations of Music Theory* History of Jazz*
Hallmen Chorus Chamber Chorus*
Corridors Vocal Ensemble (w/730)* Jazz Theory & Improvisation*
History of Rock & Roll* Introduction to Music*
Solo Vocal Music* Madrigal Ensemble *

ELLECTIVES:
Science/Math/Comp Sci: Introduction to Engineering Honors Programming

McMullen Scholars Program: Humanities (fulfills the Fine Arts requirement and replaces Physical Education)
(McMullen Scholars taking Double Math may postpone Humanities until Junior year)

Notes:
1. Students taking Double Math or three Honors courses are exempt from the Fine Arts requirement.
2. Students taking Intro. To Engineering 270 may only be used as a second math/science course and are exempt from the fine art requirement. Students in this category who are already enrolled in a fine arts program are exempt from Physical Education.
3. Students taking four or five Honors courses are exempt from the Fine Arts requirement & Phys. Ed.
JUNIORS

All Juniors must take six (6) full credit courses:
Five required and one elective. Band cannot count as the elective. Band would be taken in addition to 6 full credit courses. (*) indicates 1/2 credit classes and two 1/2 credit course cannot be used in place of a full credit elective course.

REQURED:

RELIGION: The Church and Its Mission (131, 133)

MATHEMATICS:
Honors Algebra II (236)  Algebra II (232/234)
Honors Pre-Calculus (245) Pre-Calculus (241/243)
Honors Calculus (261) AP Calculus (263/264/265) Hon Multivariate Calc 268

SOCIAL STUDIES:

ENGLISH:
Honors British Lit (535) English III (531/533) Honors World Literature (565)

SCIENCE:
Honors Physics(344) Physics (341) AP Physics I (345I)
Conceptual Physics (343) Honors Anatomy/Physiology(351) AP Physics II (345II)
Marine Biology(347) Earth Science (348) Forensic Science (395)
AP Chemistry (375) AP Biology (365)
AP Environmental Science(380)

ELECTIVES:

MATH/COMPUTER SCI.: Honors Computer Programming I AP Statistics Statistics
AP Computer Science

Science/Math: Introduction to Engineering Engineering II

ENGLISH:
African American Literature*

FOREIGN LANGUAGE: Latin II, III, IV Honors Latin III, IV
Honors French III, IV AP French, French III, IV
French I, II, III, IV Hn. German III, IV
German I, II, III, IV Honors Spanish III, IV
Spanish I, II, III, IV
AP Spanish

SOCIAL STUDIES Introduction to Philosophy* International Studies & Diplomacy*
Positive Psychology*

BUSINESS: Principles of Business Management Leadership I Seminar (477)*
Principles of Marketing* Personal Finance*

FINE ARTS:

Visual Arts: Sculpture and Design Adv. Draw & Painting
AP Art Basic Art

Music:
Band Percussion Ensemble* AP Music Theory Jazz *
Brass Ensemble* Woodwind Ensemble* String Orchestra*
Hallmen Chorus Corridors Vocal Ensemble*
Chamber Chorus* Solo Vocal Music * Madrigal Ensemble*
Music Composition Intermediate Guitar*
Jazz Theory & Improvisation* Foundations of Music Theory*
Fundamentals of Instrumental Music*

McMullen Scholars Program: Humanities (if it was not taken in the 10th grade).
SENIORS

All Seniors must take six (6) full credit courses:
Three required and three electives. Band cannot count as one of the 3 electives. Band would be taken in addition to 6 full credit courses. (*) indicates 1/2 credit classes and two 1/2 credit course cannot be used in place of a full credit elective course.

REQUIRED:

RELIGION:
All must take the course Comparative World Religions (Fall Semester) and one of the following (Spring):
- Catholicism, Media, and Culture
- Introduction to Christian Ethics
- Suffering, Evil, and Death

ENGLISH:
- AP English (545)
- Honors British Lit (535)
- English IV (541, 543)
- Honors World Literature (565)

SOCIAL STUDIES:
- American Government/Economics (441/442, 443)
- AP Economics
- AP Government and Comparative Politics

ELECTIVES:

MATH/COMPUTER SCI:
- AP Calculus (263, 264, 265)
- Honors Calculus
- Honors Multivariate Calculus
- AP Computer Science
- Honors Pre-Calculus
- Finite Math
- Pre-Calculus (241/243)
- AP Statistics
- Statistics
- Honors Computer Programming I

SCIENCE:
- Honors Anatomy & Physiology (351)
- AP Biology (365)
- Marine Biology (347)
- AP Physics I, II
- Earth Science (348)
- AP Chemistry (375)
- Honors Physics (344)
- Physics (341)
- Conceptual Physics (343)
- Forensic Science (395)
- AP Environmental Science (380)

SCIENCE/MATH:
- Introduction to Engineering
- Engineering II
- Engineering III

SOCIAL STUDIES:
- Psychology
- AP Psychology (470)
- Positive Psychology*
- Introduction to Philosophy*
- International Studies & Diplomacy*

FOREIGN LANGUAGE:
- Honors Latin IV
- Latin II, III, IV
- AP French
- French III, IV, V
- AP German
- German III, IV, V
- Honors German IV
- AP Spanish
- Spanish III, IV, V
- AP Spanish Literature
- Honors Spanish IV, V
- Honors French IV, V

ENGLISH:
- African American Literature*

BUSINESS:
- Principles of Business Management
- Accounting
- Principles of Marketing*
- Personal Finance (479)*
- Leadership Seminar II*

McMullen Scholars Program: McMullen Capstone Experience (Taken in addition to 6 full credit courses)
Students in good academic standing may participate in online courses, distance learning programs, independent study, summer original credit courses, or college courses for original credit. These courses will be recognized on the Calvert Hall transcript. Participation in these courses will not allow a student to accelerate graduation or reduce his school-year course load. These courses, except for geometry, cannot replace courses offered at Calvert Hall.

The only math course that should be taken for original credit during the summer is Geometry. Currently, Geometry though University of Nebraska High School Online Program is an approved online course. Geometry through a community college, or if a Geometry summer course is offered at Calvert Hall offer other possible avenues to complete Geometry upon approval from the Assistant Principal.

In vary rare instances Algebra II may be considered for a summer course but not for placement into Honors Pre-Calculus.

Interested students must apply to, and receive approval from, the Assistant Principal prior to enrollment in any outside course.

Calvert Hall will record the grades and make appropriate adjustments to the student’s course of study upon successful completion of approved courses.

Calvert Hall reserves the right to add additional requirements to this type of course of study to insure that the proper academic supervision is in place.
COURSE DESCRIPTIONS

RELIGION DEPARTMENT

The religious education curriculum attempts: to develop in each student an understanding of our Judeo-Christian heritage and the Gospel message of Jesus Christ, to promote a moral sensitivity to self and others, and to prepare the student to live as a Christian leader in a pluralistic society.

111 - The Revelation of Jesus Christ  
Grade 9  1.0 Credit

The purpose of this course is to give students a general knowledge and appreciation of the Sacred Scriptures. Through their study of the Bible they will come to encounter the living Word of God, Jesus Christ. In the course they will learn about the Bible, authored by God through Inspiration, and its value to people throughout the world. If they have not been taught this earlier, they will learn how to read the Bible and will become familiar with the major sections of the Bible and the books included in each section, with a particular focus on the Hebrew Scriptures as an overview and introduction to salvation history. Additional topics include: Sacraments, prayer, the structure of the Church, and an overview of the life of St. John Baptist de La Salle.
Prerequisite: None

121 – Jesus and Morality  
Grade 10  1.0 Credit

The purpose of this course is to help students understand all that God has done for us through his Son, Jesus Christ. Through this course of study, students will learn that for all eternity, God has planned for us to share eternal happiness with him, which is accomplished through the redemption Christ won for us. Students will learn that they share in this redemption only in and through Jesus Christ. They will also be introduced to what it means to be a disciple of Christ. The second semester will study the ways people integrate personal morality into the settings in which they find themselves. It will challenge them to examine the relationship they see between their own faith and the call to morality and justice presented by the events of daily living.
Prerequisite: None

123 – Jesus and Morality (Flex)  
Grade 10  1.0 Credit

The purpose of this course is to help students understand all that God has done for us through his Son, Jesus Christ. Through this course of study, students will learn that for all eternity, God has planned for us to share eternal happiness with him, which is accomplished through the redemption Christ won for us. Students will learn that they share in this redemption only in and through Jesus Christ. They will also be introduced to what it means to be a disciple of Christ. The second semester will study the ways people integrate personal morality into the settings in which they find themselves. It will challenge them to examine the relationship they see between their own faith and the call to morality and justice presented by the events of daily living. This course will cover the same content as 121 but will provide students with more teacher directed, in-class reading and greater writing support, and more help preparing for tests.
Prerequisite: None

131 – The Church and Its Mission  
Grade 11  1.0 Credit

This course will help the students to understand that in and through the Church they encounter the living Jesus Christ. In the fall semester, students will be introduced to the fact that the church was founded through the Apostles and is sustained through the Holy Spirit. The Church will be described as the living Body of Christ today. Further, the students will explore the way Christ can be encountered in a full and real way through each of the individual Sacraments. In the spring semester, the course will introduce students to the richness of the Church’s social teaching through an exploration of the 7 Principles of Catholic Social Teaching, and how they are called to care for the poor and vulnerable as Christ did. Service to others will be a constant emphasis and is a course requirement.
Prerequisite: None
133 – The Church and Its Mission  (Flex)  
This course will help the students to understand that in and through the Church they encounter the living Jesus Christ. In the fall semester, students will be introduced to the fact that the church was founded through the Apostles and is sustained through the Holy Spirit. The Church will be described as the living Body of Christ today. Further, the students will explore the way Christ can be encountered in a full and real way through each of the individual Sacraments. In the spring semester, the course will introduce students to the richness of the Church’s social teaching through an exploration of the 7 Principles of Catholic Social Teaching, and how they are called to care for the poor and vulnerable as Christ did. Service to others will be a constant emphasis and is a course requirement. This course will cover the same content as 131, but will provide students with more teacher directed, in-class reading, greater writing support, and more help preparing for tests. 
Prerequisite: None

153– World Religions/ Suffering, Evil & Death  
The first semester will examine the presence of theological themes in a variety of mediums. The course will highlight the importance of analyzing the context from which the expressions of theology were and are produced and their relationship to Christianity, the Church and its teachings. 
The second semester will offer a comprehensive exploration of humankind’s experience and search for the meaning and understanding of suffering, evil, death, and the afterlife. The course, taught from a Catholic Christian perspective, will concentrate on dealing with grief and view the historical, cultural, legal, financial and pastoral aspects of suffering, evil and death. 
Prerequisite: None

163– World Religions/ Catholicism, Media and Culture  
The first semester will examine the presence of theological themes in a variety of mediums. The course will highlight the importance of analyzing the context from which the expressions of theology were and are produced and their relationship to Christianity, the Church and its teachings. 
The second semester will examine the presence of religious themes and images in books, movies, various forms of media, popular culture, the arts and technology. Students would then analyze the religious meaning within these forms to assess the degree to which the message is consistent with the teachings of Catholicism. 
Prerequisite: None

173— World Religions/ Intro. To Christian Ethics  
The first semester will examine the presence of theological themes in a variety of mediums. The course will highlight the importance of analyzing the context from which the expressions of theology were and are produced and their relationship to Christianity, the Church and its teachings. 
The second semester will explore: What does it mean to be a good man? What does it even mean to be good? This course will explore not only the philosophical and theological foundations of ethics, but will also debate the merits of these theories in the context of contemporary arguments about medicine, technology, war, sex, business, and the environment. 
Prerequisite: None
### 211H/211/211A - Algebra I

Grade 9  1.0 Credit

Algebra I gives students the mathematical foundation needed for success in high school mathematics and the physical and social sciences. Beginning with the concept of variable, students learn to calculate with signed numbers, use correct order of operations, interpret and write mathematical expressions, and solve linear equations and inequalities. Students apply algebra to the modeling of real world problems by graphing, writing equations from given information, and the solving of systems of equations. The course also covers exponents, polynomials, factoring, rational expressions, radicals, and solving and graphing of quadratic equations.

### 213 - Algebra I (Flex)

Grade 9  1.0 Credit

This course provides the basic fundamentals of the standard Algebra I course with emphasis on working with polynomials, factoring, equation solving, graphing, fractions and systems of equations solutions. A special emphasis is placed on the student knowing how to do all given examples and understanding the reasoning behind the solutions.

### 222- Geometry

Grades 9,10  1.0 Credit

In this course students are introduced to Euclidean Geometry, its theoretical and practical aspects. Students develop logical reasoning skills by completing geometric proofs. Topics covered include angles, parallel and perpendicular lines, congruent triangles, triangle inequalities, quadrilaterals, similar polygons, circles, areas of polygons and circles, and volumes of solids. Special care is taken to relate course material for preparation for the SAT exams.

Prerequisite: Algebra I (211)

### 224 - Geometry (Flex)

Grade 10  1.0 Credit

In this course students are introduced to Euclidean Geometry, its theoretical and practical aspects. Topics include parallel and perpendicular lines, congruency and similarity of polygons, the properties of circles, and the volume of surface area of solids. Emphasis is placed on the practical application of geometric concepts and preparation for the SAT exams.

Prerequisite: Algebra I (213)

### 226—Honors Geometry

Grades 9, 10  1.0 Credit

In this course students are introduced to Euclidean Geometry, its theoretical and practical aspects. Topics covered include angles, parallel and perpendicular lines, congruent triangles, triangle inequalities, quadrilaterals, similar polygons, circles, areas of polygons and circles, areas and volumes of solids and constructions.

Prerequisite: Top 15% on entrance exam & math placement test or grade of 96 and above in course 211
232 - Algebra II

This course extends and deepens the foundational concepts and skills from Algebra I. The course material is organized according to the concept of families of equations, relations and functions: linear, quadratic, polynomial, radical, exponential and logarithmic, rational, and the conics. The course examines the roles of both real and complex numbers. Connections between algebraic, tabular and graphic representations of mathematical ideas are emphasized throughout the course.
Prerequisite: Geometry (222), Algebra I

234 - Algebra II (Flex)

This course is designed to help strengthen basic algebra skills. Included are the second year Algebra topics involving the operations with Real Numbers. Simple verbal problems are studied, as well as linear and quadratic equations (also inequalities) and their graphs. Logarithmic and exponential functions are studied along with rational functions. Fundamentals are stressed throughout.
Prerequisite: Completion of Geometry (222 or 224), Algebra I

236 - Honors Algebra II

This enriched course is designed to give advanced students an in-depth knowledge of the concepts of Algebra II. The topics of functions, systems of equations, polynomials, radicals, and exponentials are enriched with a discussion of matrices, probability, and conic sections. Emphasis is also placed on factoring, logarithms and exponentials. Independent research and theoretical investigations are encouraged. While numerous applied examples are given, an attempt is made to have the student understand not only how something is done, but also why it is done.
Prerequisite: Exceptional performance on Calvert Hall Placement Test
85 in Honors Geometry (226) or 95 in Geometry (222) and Algebra I;

241- Pre-Calculus

This course covers all the pertinent aspects of trigonometry including proving identities, solving trigonometric equations, and applied problems. Both graphical and analytical properties of functions are explored. Algebraic functions, polynomials, rational functions, exponential and logarithmic functions, sequences and series are investigated in detail. Preliminary calculus topics of limits and derivatives are introduced at the conclusion of the course.
Prerequisite: Algebra II (232 and Geometry (222/222A)

243- Pre-Calculus (Flex)

This course covers all pertinent aspects of plane trigonometry from identities to trig equations to solutions of oblique triangles. Graphs and properties of mathematical relationships are explored. These include exponential, logarithmic and rational functions. Calculus is introduced by analyzing limits and identifying derivatives by definition.
Prerequisite: Algebra II (232/234) and Geometry (222/222A)

244 - Finite Math (Flex)

This course introduces students to fundamental topics in probability and statistics. Statistical analysis of data will be explored with topics including sampling methods, data organization, standard deviation, the bell curve, and linear regression. In the second semester, students will learn the basic concepts of trigonometry including: trigonometric functions and equations, applications, identities, and inverse functions. Students will also complete research projects that involve mathematical topics on personal finance and life applications. A TI-84 calculator will be used.
Prerequisite: Algebra II (232 or 234)
245 - Honors Pre-Calculus

This course investigates the behavior and the properties of mathematical relationships (primarily functions) in two variables. Polynomial, exponential, trigonometric, inverse, and rational functions are included. Conic sections and polar relationships are also included. The course places emphasis on the graphing of the relationships. Techniques to analyze relationships are presented, including, domain, range, symmetry, shifts, and reflections. Students are challenged to identify the connections between the different relationships. An introduction to Calculus is presented through the topics of sequences and series, limits, and derivatives by definition. Mathematical rigor is stressed. The graphing calculator is integrated into the course.

Prerequisite: 85 in Honors Algebra II (236)

250—Statistics

This course introduces students to the concepts and procedures for collecting, analyzing and drawing conclusions from data. Students will learn how to plan a statistical study; will explore data for patterns and departure from patterns; will create models of real world situations; will use statistical inference to draw conclusions from data; and will use probability to describe how confident one can be about the conclusions. The course provides a preparation for college statistics courses typically required in business, social and natural science, and health science.

251—AP Statistics

The course of study follows the syllabus of the Advanced Placement Program of the College Entrance Examinations Board. This non-calculus based statistics course is typically required by colleges for majors in social sciences, health sciences and business. It is an effective preparation for the calculus-based statistics course usually taken by science, mathematics and engineering majors. Students are exposed to four broad conceptual themes: explorations of data using numeric statistics and graphs; design of statistical observational studies and experiments; probability; and drawing conclusions based on statistical inference. The course will include the use of technology, writing, and critical reading. Students must take the AP Exam.

Prerequisite: Pre-Calculus or Pre-Calculus Concurrently

258—Differential Equations and Linear Algebra

In this course, students are introduced to solution techniques and mathematical analysis of linear operations and differential equations. During the first semester, the study of linear algebra and matrix theory is of primary focus. Topics of emphasis include matrix operations, solution techniques for systems of linear equations, vector spaces, inner product spaces, eigenvalues and eigenvectors, and diagonal and orthogonal matrices. During the second semester, the study of ordinary differential equations includes both applied and proof-based elements. Second semester content includes solutions to linear and nonlinear differential equations, applications of such equations, and an introduction to linear systems of differential equations.

Prerequisite: Completion of Honors Multivariable Calculus and Advanced Analysis

261 - Honors Calculus

Topics covered are commensurate with those offered in a semester of college calculus with a concentration on limits and derivatives. Many topics in a traditional Calculus II course will also be introduced as time allows, including integration, volumes, and areas. Analysis of functions and applications are emphasized with a thorough review of the skills introduced in Pre-calculus. Some theory is included for those students who wish to continue their mathematical studies more thoroughly in college.

Prerequisite: Honors Pre-Calculus (245) or Pre-Calculus (241)
263 - Advanced Placement Calculus: AB  
Grade 11, 12  1.0 Credit  
This course is designed to prepare the student for the AP Calculus Test AB. As a requirement of the course, students must take the AP Exam. Topics for the AB test will include functions, graphs and Limits with a concentration on graph analysis, domain, range, asymptotic behavior and continuity. It will also cover derivatives and the application of such as related to graphs, related rates, implicit differentiation, tangents to curves, instantaneous rates of change and maximums and minimums. This course will also provide a very comprehensive exploration of integrals related to areas, volumes, curve lengths and all techniques of integration including partial fractions, substitution, and parts to help prepare the student for further calculus courses. Students must take the AP Exam.

Prerequisite: 85% or higher in Honors Pre-Calculus (245)

264- Advanced Placement Calculus 2.5  
Grade 11, 12  1.0 Credit  
The focus is on what is typically considered College Calculus II. The course of study follows the outline set forth by the Advanced Placement Program of the College Entrance Examination Board and parallels the full year course offered in many colleges. In particular, the course encompasses the theory and differentiation and integration of algebraic and transcendental functions and their applications. Students must take the AP Exam.

Prerequisite: 90 or higher in Honors Calculus or 85 or higher in AP Calc AB

265— Advanced Placement Calculus: BC  
Grade 11, 12  1.0 Credit  
The course of study follows the outline set forth by the Advanced Placement Program of the College Entrance Examination Board and parallels the full year course offered in many colleges. In particular, the course encompasses the theory and differentiation and integration of algebraic and transcendental functions and their applications. Students must take the AP Exam.

Prerequisite: 95% or higher in Honors Pre-Calculus (245)

268—Honors Multivariate Calculus Advanced Analysis  
Grade 12  1.0 Credit  
This course covers a number of advanced topics in Calculus including: calculus in polar coordinates, vectors, dot products, cross products, vector valued functions, and motion in space, multivariable functions and partial derivatives. Gradients, extreme values, directional derivatives, multiple integrals, line integrals, and path independence are also covered.

Prerequisite: Successful completion of AP Calculus BC or AP Calculus 2.5
## 271 - Honors Computer Programming I

This course is an introduction to computer programming using Java. Topics include fundamentals of Java, packages and interfaces, classes and objects, methods, algorithms, data structures, event handling, and graphics, web page design with HTML, and the development of Java applets. Programming projects are based on real-life problem solving and interactive computer applications. Emphasis is placed on good programming techniques, algorithm development, syntax and style, and the concepts of object-oriented programming. This is a “hands-on” course with computer lab activities comprising at least 50% of the course.

Prerequisite: 83+ in Algebra II/Geometry (*Well-qualified students may enroll in grade 10 & defer fine art)

## 285 – Advanced Placement in Computer Science

This course is the second in a sequence of computer science courses designed to make students confident programmers in Java who are prepared to take the AP CS exam. The course is accredited to follow the curriculum dictated by the AP Course Description in Computer Science which has been developed and documented by the College Board. Students will build upon Programming I skills with more in depth analysis of classes, data structures, algorithms and problem solving techniques. Students will be required to develop a portfolio of creative programs as a foundation for continued development at the college level. Students will practice a variety of AP questions throughout the year and are required to take the AP CS exam in May.

Prerequisite: Successful completion of 271-Programming I & Permission of the Instructor

The descriptions for Computer Application Courses 490 & 495 are listed in Business Department.
SCIENCE DEPARTMENT
The Science Department has developed the following primary objectives: to contribute toward the development of a philosophy of nature which tries to give meaning and purpose to the things of nature; to understand and to use the process of experimentation through laboratory work; to acquire an exact knowledge of the fundamental principles of science; to prepare

305 - Honors Biology
Grade 9 1.0 Credit
This course provides a rigorous introduction to the life sciences. Course topics include the nature of science and problem solving, analysis of quantitative data, characteristics of life, biochemistry, cell biology, cellular processes, molecular biology, Mendelian genetics, biotechnology, evolutionary theory, classification and taxonomy, and basic ecological principles. The course focuses on explaining the how and why of biological phenomena in addition to providing an understanding of the structure and function of biological systems. Significant independent study is expected and will enhance student comprehension of the course material. Prerequisite: Students from G & T Math and Science Programs with B average and/or 95% on Entrance Test in both Verbal & Quantitative Ability; 90% on all Achievement Scores

312 – Biology
Grade 9 1.0 Credit
This is an introductory course that provides the basis for further studies in biology. Laboratory skills and investigative procedures will be developed as the student studies various biological concepts. Topics include the chemical basis of life, cell structure, the cell cycle, genetics, heredity, evolution, taxonomy, the six kingdoms and ecology. Laboratory experience will include invertebrate dissections.

314 – Biology (Flex)
Grade 9 1.0 Credit
This course will introduce the student to the world of living organisms and their relationship to their environment. Basic concepts will be stressed, beginning with the nature of science and development of laboratory skills. Other topics include ecology, taxonomy, invertebrate and vertebrate animals, cells, genetics, heredity and microorganisms. Laboratory experience will include invertebrate and vertebrate dissections and compound light microscope investigations.

326 – Chemistry
Grade 10 1.0 Credit
This newly designed course is a one-year study of matter and energy. General topics covered during the course include atomic theory, periodic table, electrons, bonding, chemical formulas, equations, energy changes, behavior of gases, liquids and solids, acids and bases and electrochemistry. A mathematical approach is used to support the investigations and discussions of chemical principles. The integrated inquiry-based lab methodology will help build proficiency in scientific reasoning. Students should emerge with a well-rounded knowledge of inorganic chemistry. Prerequisite: Successful completion of Biology (312), successful completion of Algebra I (or higher)

327 – Chemistry (Flex)
Grade 10 1.0 Credit
This newly designed course is a one-year study of matter and energy. General topics covered during the course include atomic theory, periodic table, electrons, bonding, chemical formulas, equations, energy changes, behavior of gases, liquids and solids, acids and bases and electrochemistry. A conceptual approach is used to emphasize the investigations and discussions of chemical principles. The integrated inquiry-based lab methodology will help build proficiency in scientific reasoning. Students should emerge with a well-rounded knowledge of inorganic chemistry. Prerequisite: Successful completion of Biology (314), successful completion of Algebra I (or higher)
335 - Honors Chemistry

This course is designed to help students see how chemical principles and concepts are developed from experimental observations and data, and how these principles can be used to explain phenomena in daily life as well as in the laboratory. Included in the topics are atomic theory, atomic structure, chemical formulas and equations, states of matter, energy changes, periodic table, bonding, reaction equilibria and kinetics, acid-base theory, and electro-chemistry. The laboratory is an integral part of this curriculum. Students should emerge from the course with a fundamental knowledge of chemistry based in mathematical and non-mathematical concepts.

Prerequisite: 81% or higher in Honors Biology (305), Honors Math and Departmental Approval

341 - Physics

This course offers the student the fundamentals of Newtonian physics, including mechanics, electricity and magnetism, waves and sound, optics, and heat and thermodynamics. The course will use laboratory and problem solving in the above areas; concepts from algebra and trigonometry will be introduced and used as necessary. Students will increase their knowledge of the fundamentals of the physics through the lab experience, by measuring, observing and developing conclusions.

Prerequisite: 80% or higher in Math Courses and Departmental Approval

343 - Conceptual Physics (Flex)

This course is designed for students who have completed Chemistry 333 and wish to complete their high school science education with a course in general physics. It will cover mechanics, force, motion, energy and power, heat and work, thermal properties, phase changes, electricity and magnetism including fields, circuits and currents and wave phenomena such as light and sound. This course will take a conceptual approach to physics using a laboratory and demonstration program.

Prerequisite: Chemistry and Departmental Approval

344 - Honors Physics

Honors Physics provides a mathematically rigorous introduction to many topics in the field of physics, including mechanics, light & optics, electricity and magnetism, and thermodynamics. The course is intended for students with a keen interest in the sciences, as well as a high level of mathematical ability; concepts from algebra and trigonometry will be introduced and used as necessary. Students will increase their knowledge of the fundamentals of the physics through the lab experience. An algebra based college text book is used.

Prerequisite: 85% or higher in Honors Chemistry; 85% or higher in Honors Math Courses and signature of the Honors Physics teacher are required.

345I– Advanced Placement Physics I

This course delves into the topics of kinematics and dynamics, mechanical energy and its conservation, momentum and its conservation, rotational motion, simple harmonic motion, mechanical waves and sound, as well as electrostatics and circuits. Students are required to take the AP Physics I Exam in May.

Prerequisite: 90% or higher in Honors Chemistry, 90% or higher in Honors Math Courses and signature of the AP Physics teacher are required.

345II– Advanced Placement Physics II

This course delves deeply into the topics of thermodynamics, fluids, electrostatics and DC and RC circuits, magnetism and electromagnetic induction, light and optics, as well as atomic and nuclear physics. Students are required to take the AP Physics II exam in May.

Prerequisite: 95% or higher in Honors Physics or 90% or higher in AP Physics I, 90% or higher in Honors Math Course and signature of the AP Physics teacher are required.

347 - Marine Biology

This course of study guides students through an investigation of the marine environment as a diverse ecosystem with interactions and interrelationships spanning all of the biological kingdoms. The connection between humans and the marine environment is examined for the ways in which they affect one another. The second part of the class brings the study closer to our region by studying the Chesapeake Bay region and its impact on life along the coast.

Prerequisite: 80% or higher in Biology, successful completion of Chemistry, and Departmental Approval.
348 - Earth Science

This course provides an introduction to the fundamental concepts and principles of geology, horticulture, oceanography, meteorology, and astronomy. Specific topics of study are the composition of rocks and minerals, cultivation of plants, composition of the ocean, weather patterns, the solar system, Earth’s resources, and human interaction with the physical elements of the planet.

Prerequisite: Successful completion of Chemistry and Departmental Approval. Physics is recommended (prior to or concurrent with this course).

351 – Honors Anatomy and Physiology

This elective course will take the student deeper into the study of Biology but with a more intensive focus on vertebrate anatomy. Laboratory dissections will augment the class discussions. This course is designed for the student who wants to further his studies in biological science but who is primarily interested in human anatomy and physiology.

Prerequisite: 85% or higher in Biology, 81% or higher in Chemistry, Physics (prior to or concurrent with this course) and Departmental Approval.

365 - Advanced Placement Biology

This course is meant to provide the equivalent education of a full-year college-level introductory biology curriculum. In general, all topics comprising modern biology will be addressed. The course is structured around four Big Ideas (evolution, energetics, information storage and transfer, and interactions of biological systems) and the enduring understandings identified in the AP Biology Curriculum Framework. Connections between concepts, factual information, and investigation-derived information will be reinforced within the context of the Big Ideas and enduring understandings. In addition, students will be responsible for identifying the connections to the Big Ideas and the enduring understandings, enhancing this course’s thematic approach to life science. Significant independent study is expected to enhance student comprehension and appreciation of the course material. Students are required to take, and will be expected to thoroughly prepare for, the AP Biology Exam.

Prerequisite: 85% or higher in Biology, 85% or higher in Chemistry, Physics (prior to or concurrent with this course) and Departmental Approval.

375 - Advanced Placement Chemistry

This course is the equivalent of a first year college Chemistry course. The concepts and laws introduced in first year Chemistry are presented in greater depth. Emphasis is on the mechanics of atomic theory, solubility, equilibrium reactions and reaction rates in addition to the regular work on gases, liquids and solids. Competence in working chemical problems and predicting outcomes is also emphasized. The laboratory provides an opportunity for independent qualitative and quantitative analysis to be performed. Students are required to take the AP Exam in May.

Prerequisite: 85% or higher in Honors Chemistry; Physics is recommended (prior to or concurrent with this course) and Departmental Approval.
Advanced Placement Environmental Science
Grades 11, 12  1.0 Credit

This course is designed to be the equivalent of an introductory college course in environmental science. It will provide students with the scientific principles, concepts, and methodologies required to: understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and manmade, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Included in the course are topics on: energy conversions in ecological processes; study of biogeochemical systems; effect of technology and population growth on ecosystems; the role of cultural, social, and economic factors in the development of solutions to ecological problems; and developing conservation practices to achieve sustainable systems. There is a lab component to this course, as well as field study. All students are required to take the AP Environmental Science Exam in May and may earn college credits. It may be taken concurrently with AP Chemistry, AP Biology, or AP Physics.

Prerequisite: 85% or higher in Biology, 85% or higher in Chemistry, and Physics (prior to or concurrent with this course) and Departmental Approval.

Forensic Science
Grades 11, 12  1.0 Credit

Forensic science has become an important part of criminal investigation at all levels of law enforcement. It is one of the fastest growing fields of study for science and technology. Forensic science has applications to high profile cases in the criminal justice system and everyday crime scenes. In this course, students will be introduced to the fundamentals of a crime scene investigation, the collection and analysis of evidence and associated lab techniques. Students will be actively engaged in learning as they process crime scenes, analyze lab data, and conduct scientific investigations. Students will use technology to participate in activities that closely resemble those used by law enforcement personnel and forensic scientists.

Prerequisite: Successful completion of Biology and Chemistry. Physics is recommended (prior to or concurrent with this course).
Engineering

270—Introduction to Engineering

Grades 10, 11, 12  1.0 Credit

This hands-on, project-based course engages students in the mechanical, civil, and electrical engineering design and build process. Students learn four drafting methods to produce detailed engineering drawings, test materials under tension, compression, shear, torsion and bending to analyze failure and experiment with heating, pneumatics and hydraulics in the mechanical/civil portion of the course. Students work with circuits, motors, amplifiers, and communication devices in the electrical portion of the course. Working individually and in teams, students learn how to identify needs and develop solutions to produce actual prototypes and finished products. In addition, several engineers from different fields visit the class each year to share their expertise with the students.

***Note: Students must be enrolled in courses totaling 6 credits, in addition to this course.***

***Students in good faith are committing to two years of engineering***

272—Engineering II

Grade 11, 12  1.0 Credit

This course will focus on the application of the design process in order to develop solutions to real world problems. Students will be exposed to robotics programming, systems engineering, and projects which emphasize mechanical, civil, and chemical engineering principles.

Prerequisite: Introduction to Engineering

273—Engineering III

Grade 12  1.0 Credit

This course will serve as a capstone to the Engineering program. Students will meet 5 days per cycle. It is a full credit elective that counts as one of the 6 full credits required in the senior year. Students must have completed Intro. to Engineering (270) and Engineering II (272) and have approval/recommendation from the Engineering teacher.
# World History I

This course is an introductory course in the history of major world civilizations. It begins with the emergence of the earliest hominids and concludes with the end of the Napoleonic era in 1815. The course weaves together the disciplines of geography, history, economics, political science, anthropology, and sociology to develop the students’ cultural understanding. Emphasis is placed on geography and current events to enhance the students’ knowledge of the contemporary world. A special effort is made to connect historical events and contemporary world problems in each cultural region.

**Prerequisite:** Departmental Approval

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## 413 - World History I (Flex)

This course’s content and goals are identical to World History 411 but is tailored to meet the needs of students who need additional reinforcement in language arts skills.

**Prerequisite:** Departmental Approval

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## 415 - Honors World History I

This course is designed to challenge the advanced freshman. Historical analysis begins with the emergence of early hominids and concludes with the Renaissance in 1450. Emphasis placed on the critical analysis of primary sources and the process of historical research, culminating in an original student project at the end of each semester.

**Prerequisite:** 93% Verbal Ability %tile score on Entrance Exam
93% Reading & English %tile score on Entrance Exam

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## 421 - World History II

This course completes the three-semester sequence of world history begun in the freshman year and begins the three–semester cycle in United States history. The first semester is a survey of the history of the modern world from the Congress of Vienna of 1815 to the present. The second semester begins with the arrival of native American peoples and proceeds through the colonial and revolutionary periods, to the Age of Thomas Jefferson. Throughout the course, increase stress is placed on historical writing and critical thinking skills in an historical context.

**Prerequisite:** Departmental Approval

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## 423 - World History II (Flex)

This course is the sophomore companion to World History 413, continuing the same content and scope of the regular sophomore course. It shapes its focus to meet the needs of students who need additional development of their language arts skills.

**Prerequisite:** Departmental Approval
425 - Advanced Placement World History  
Grade 10  1.0 Credit  
This course traces the development of world history from the Norman conquest of England to the present. Special emphasis is placed on the analytical and writing skills necessary to complete successfully the World History A.P. Examination. Considerable time is devoted to the critical evaluation of primary sources, analysis of historiography, oral presentations, and historical research. **Students must take the AP Exam.**  
Prerequisites: 93 %tile on Standardized Test Scores  
Department and Instructor Approval

426 - Honors World History II  
Grade 10  1.0 Credit  
Students in this course use a broader, more thematic approach together with chronology to develop understandings of trends in world history from 1450 to the present. This approach allows students to explore issues in greater depth, often ones that have present-day significance. A special effort is made to emphasize current events as a means of relating history to current problems and to enhance an awareness of the world and its complexity.  
Prerequisite: 85 or above in 415 Hon World Hist. I, or 95 or above in 411 World Hist. I, and 
Departmental Approval

431 - United States History  
Grade 11  1.0 Credit  
This course follows a chronological narrative of American history from the War of 1812 to the present. Particular stress is placed on the many cause and effect relationships that have shaped our nation’s history. The continued improvement of written expression skills and the ability to interpret historical facts through primary sources is a special emphasis of the course.  
Prerequisite: Departmental Approval

433 - United States History (Flex)  
Grade 11  1.0 Credit  
This course is identical to the regular junior year United States History course in content and scope. It is designed to assist students who have particular needs for the intensive development of their skills in historical analysis and written expression.  
Prerequisite: Departmental Approval

435 - Advanced Placement United States History  
Grade 11  1.0 Credit  
A part of the extensive A.P. Program at Calvert Hall, this course is designed to prepare students to complete successfully the A.P. Exam in United States History and receive appropriate college credit. It begins with an analysis of the Pre-Columbian Era in the Americas and continues through the early 21st Century. This course continues to stress the reading, writing, critical thinking, and research skills necessary for the student to excel on the A.P. Exam. **Students must take the AP Exam.**  
Prerequisite: Department and Instructor Approval

436—Honors United States History  
Grade 11  1.0 Credit  
Students in Honors United States History use a broader, more thematic, approach together with chronology to develop understanding of trends in United States History. The course begins with an analysis of the Pre-Columbian Era in the Americas and continues through the early 21st Century. Connections to current events are often highlighted. This course places emphasis on the reading, writing, critical thinking, and research skills necessary for the student to excel in college level courses.  
Prerequisite: 85 or above in 426 Hon World Hist. II, or 95 or above in 421 World Hist. II, and 
Department and Instructor Approval

441/442- American Government/Economics  
Grade 12  1.0 Credit  
This course is divided into two sections, **American Government** and **Economics.** In the government section, students will examine the political aspects of government with special attention to the constitutional powers and duties of government officials and agencies. The Economics section examines the U.S economy. While general topics of supply and demand, the stock market, and competition are covered, significant time is devoted to analysis of monetary and fiscal policy, the effects of the national debt, and international trade.  
Prerequisite: Departmental Approval
443 - American Government/Economics (Flex)  Grade 12  1.0 Credit
This course is the same in its divisions and content as the regular American Government course. It culminates the Social Studies’ curriculum’s efforts to meet the needs of students who require additional assistance in their language arts and analytical skills development.
Prerequisite:  Department and Instructor Approval

445 - Advanced Placement American Government and Comparative Politics  Grade 12  1.0 Credit
A part of the extensive A.P. Program at Calvert Hall, this course is designed to prepare students to compete successfully the A.P. Examination in American Government and Comparative Politics and receive appropriate college credit. The first semester of this course gives students a critical perspective on American government and politics, by studying general concepts and analyzing case studies. The second semester will compare and contrast the structures and functioning of political systems in selected foreign nations to those of the United States. Students must take the AP Exams: U.S. Government and Politics, and Comparative Government and Politics.
Prerequisite:  Department and Instructor Approval

455 - Advanced Placement European History  Grade 12  1.0 Credit
A part of the extensive A.P. Program at Calvert Hall, this course is designed to prepare students to complete successfully the A.P. Examination in European History and receive appropriate college credit. The course begins with the Renaissance in Italy and proceeds to study the major political, economic, social, intellectual, and cultural events and concepts that have shaped modern Europe to the present day. Students must take the AP Exam.
Prerequisite:  Department and Instructor Approval

465 - Advanced Placement Economics  Grade 12  1.0 Credit
A part of the extensive A.P. Program at Calvert Hall, this course is designed to prepare students to complete successfully the A.P. Examination in Economics. It gives high-ability students the opportunity to develop critical thinking skills concepts. The course will make students aware of the basic terminology of economic thought, the important concepts of both macro and micro economics, and the application of economic principles to economic problems. Students must take the AP Exams: Macroeconomics and Microeconomics.
Prerequisite:  Department and Instructor Approval

470 - Advanced Placement Psychology  Grade 12  1.0 Credit
The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in their science and practice. Students must take the AP Exam.
Prerequisite:  Department and Instructor Approval

471 - Psychology  Grade 12  1.0 Credit
This course is a senior elective designed to provide the student with an introduction to the scientific study of human behavior and mental processes. The course covers the biological influences on human behavior, developmental processes and human growth, personality theories, conditioning, defense mechanisms, and behavioral disorders. Emphasis is placed on relating psychological experiences to the experiences of the students in their lives.

472 – Positive Psychology  Grade 11, 12  0.5 Credit
This course is a junior/senior half credit elective designed to provide the student with knowledge and understanding of how to handle the day to day stresses of their lives. The course will help build optimism, motivations, and character which allow them to succeed in life. Positive Psychology was developed by Dr. Martin Seligman former President of the American Psychology Association. The course is now taught at the University of Pennsylvania and Harvard. Anyone interested in psychology, future leaders, and students experiencing stress will benefit from this course. This will be a blended course with 2 in-class and one online meeting.
Note: Students must be enrolled in courses totaling 6 credits in addition to this course.
(This is a full year, 1/2 credit course taken as an elective in addition to the required junior/senior courses).
475—Advanced Placement Human Geography  Grade 9  1.0 Credit
The purpose of the AP course in Human Geography is to introduce students to the impact of geographic elements on the development of societies, population, cultural patterns and processes, political organization of space, agricultural and rural land use, industrialization and economic development, and cities and urban land use. These goals will be met through the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth’s surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences.
Students must take the AP Exam.
Prerequisite: Departmental Approval

487—International Studies and Diplomacy  Grade 11, 12  0.5 Credit
This one-half credit course introduces students to an ever growing, interconnected world and invites them to explore new challenges and concerns that deeply effect their lives as individuals and as members of a global community. Attention will be given to international governing bodies, particularly the United Nations, its history and role in the world. Students will utilize skills such as research, writing, debate, and negotiation to become aware of, analyze, and propose solutions to international problems related to sustainable development and peace.

Note: Does not replace required social studies course for grade.

495 – Introduction to Philosophy  Grade 11, 12  0.5 Credit
If most men live lives of quiet desperation, the purpose of this course, and philosophy as a whole, is an attempt at living a free and genuine life, in good faith. This course seeks to ask fundamental questions about the First Things of the human situation, and to sharply question what we purport to know. Two overarching questions will guide our study of Philosophy. First, “what is the nature of what exists?” Second, “how can we truly know anything?” From the ancient Greeks and Doctors of the Church to the existentialists and contemporary theologians, men and women have tried to formulate humble responses to these inquiries. It is our modest hope not to resolve these questions, but to seek to find a meaning of being, both communally and as individuals in pursuit of knowledge and of virtue.

***Note: Students must be enrolled in courses totaling 6 credits in addition to this course.
(This is a full year, 1/2 credit course taken as an elective in addition to the required junior/senior courses).
Prerequisite: None
**477 - Leadership I**  
*Grade 11  0.5 Credit*

The first semester of the course will focus on “The Practical Leader.” Topics such as leadership styles, communication, running meetings, small group facilitation, delegation, and public speaking will be emphasized. The second semester will focus on “Profiles of Leadership.” This semester will focus on different leaders throughout history and evaluate their leadership styles. What made them great? Where were they flawed? What can their leadership teach us about our own leadership?  
Prerequisite: Must be a member of the Leadership Program

**Note:** Enrollment in this course cannot be used to replace a full credit elective in a student's course of study. Students must be enrolled in courses totaling 6 credits, in addition to this course.

**477II- Leadership II**  
*Grade 12  0.5 Credit*

Leadership II will put the practical leadership skills gained in Leadership I into perspective by looking at great models and figures of leadership throughout history. By exploring distinct leadership threads, this course will center around profiles of leadership that challenged social norms and those in power, those who were incredibly successful because of their leadership, and those whom history remembers as great or significant leaders in their day.  
Prerequisite: Leadership I-Must be a member of the Leadership Program

**Note:** Enrollment in this course cannot be used to replace a full credit elective in a student's course of study. Students must be enrolled in courses totaling 6 credits, in addition to this course.

**479 - Personal Finance**  
*Grades 11, 12  0.5 Credit*

This is designed to help students gain the fundamental knowledge necessary to manage personal finances throughout the remainder of life. Course concepts will include personal financial decision making, sound budgetary habits, introduction and understanding of basic banking concepts and current tax codes. Guest speakers will be invited to share their knowledge, to share a professional perspective in the financial field, to discuss careers, and review various potential investments.

**Note:** Enrollment in this course cannot be used to replace a full credit elective in a student's course of study. Students must be enrolled in courses totaling 6 credits, in addition to this course.

**481 - Principles of Business Management**  
*Grades 11, 12  1.0 Credit*

This course introduces business as a vital part of our society through discussions of both the external environment of business and the internal management of the business enterprise. Each student will come to understand the economic, political, and social framework within which a business enterprise must function. In addition, the management, personnel, marketing, production, accounting, finance, and human relations functions within the enterprise are introduced.  
Prerequisite: None
483 - Accounting  
An excellent background course for all students. Accounting can be taken for keeping personal records, for understanding the language of business, and for orientation to advanced study in business administration. The student will learn to understand business transactions, prepare source documents, maintain journals and ledgers, take trial balances, make adjusting entries and closing entries, close accounts and prepare final reports on the condition of the business to management and owners.

486—Principles of Marketing  
This course provides an overall view of marketing in a customer-driven firm, focusing on essential marketing skills needed by successful managers in all business functions. Topics include: consumer decision making, segment markets, effective marketing research, new product development and pricing strategies, communication with consumers and advertising effectiveness. The course uses a combination of class discussion and case analysis.  
Prerequisite: None  
Note: Enrollment in this course cannot be used to replace a full credit elective in a student's course of study. Students must be enrolled in courses totaling 6 credits, in addition to this course.

490 - Computer Applications and Presentation Skills  
This course is designed to concentrate on developing keyboarding skills. Using the touch method, students will develop speed and accuracy on the alphabetic keys and learn basic word processing. This will enable students to create and print documents for personal and school use. The in-house word processing application software is Microsoft Word. In addition students will be introduced to the basic functions of Microsoft Excel and Power Point. Introduction to the internet will include downloading, searches and evaluating valid sources.  
Prerequisite: None
ENGLISH DEPARTMENT
We aim to prepare students for the challenges of college writing, reading and collaborative efforts, using as a basis for all work some of the world’s great literature.

511 - English I  
Fundamentals of Writing and Literature  
Grade 9  1.0 Credit  
This course develops student ability in writing precise, clear and effective sentences and paragraphs, with attention on grammar and punctuation skills. Students learn to analyze short stories and novels in verbal and written exercises that deepen skills of self-expression. Vocabulary study accompanies assigned literature.

513 - English I (Flex)  
Fundamentals of Writing and Literature  
Grade 9  1.0 Credit  
With a focus on short stories and novels, this course combines composition, reading, and listening skills. Students learn to write clear sentences and paragraphs with due attention to grammar. Vocabulary is enriched for reading comprehension and self-expression. Library skills and MLA format are introduced.

515 - Honors English I  
Literary Genres/Composition  
Grade 9  1.0 Credit  
This accelerated course examines major literary genres as a basis for specialized study. Interpretive skills and proficiency in writing are deepened through the reading of great literary works. The course encourages independent work and student-oriented creative projects.  
Prerequisite:  95% on Entrance Test for Verbal Ability; 95% in Reading and English Achievement Scores  
B average in English

521 - English II  
Literary Genres/Composition  
Grade 10  1.0 Credit  
Students study plays and poetry, mastering the terminology of each and their ability to write about and interpret samples from these genres. Students identify play components, explicate poems, begin term paper research skills, and write cohesive multi-paragraph essays. Students also develop reading skills and verbal strategies for standardized testing.  
Prerequisite:  English I

523 - English II (Flex)  
Fundamentals of Writing and Literature  
Grade 10  1.0 Credit  
Students study plays and poetry, mastering the terminology of each by identifying play components and explicating poems. Students write about both genres using course literature. The course emphasizes reading comprehension and writing. The course introduces several term paper skills.  
Prerequisite:  English I

525 - Honors English II  
American Literature/Advanced Composition  
Grade 10  1.0 Credit  
This chronological course in American literature challenges students to respond critically to important works and to understand historical contexts. The study of course literature serves as a springboard for extensive writing analysis and criticism. Students write research papers on American novels designated by the instructor. The course is supplemented with an Advanced Placement Language and Composition workbook.  
Prerequisite:  85+ average in Honors English I (515) and Departmental/Instructor Approval
531 - English III  
American Literature/Advanced Composition  
Grade 11  1.0 Credit  
Using a chronological approach to works of American authors who are contributors to major  
American literary movements, English III enhances student ability to write clear, analytical pieces about  
short stories, plays, poems and novels. Vocabulary development continues. The research paper constitutes  
the major writing project of this course.

Prerequisite: English II

533 - English III  (Flex)  
American Literature and Fundamentals of Writing  
Grade 11  1.0 Credit  
Using a chronological approach to the study of selected works of American authors who are  
contributors to major American literary movements, English III enhances the student's abilities to write clear  
essays, focusing on analysis of short stories, plays, poems and novels. Vocabulary development continues.  
Both the theory and preparation of the research paper constitutes a major writing of this course. Skill  
development in reading comprehension and in the writing for standardized tests rounds out the course.

Prerequisite: English II

535 - Honors British Literature  
English Literature/Advanced Composition  
Grade 11, 12  1.0 Credit  
This course provides a chronological survey of British Literature, highlighting important periods,  
major writers, and notable works. While programs of oral presentation and creative writing are parts of the  
course, analytical writing is the most important aspect, focusing on the expansion of the student's research  
skills.

Prerequisites: 85+ average in Honors English II (525) and instructor approval

541 - English IV  
British Literature/Advanced Composition  
Grade 12  1.0 Credit  
This course provides the student with a chronological survey of British Literature, highlighting  
important periods, major writers, and notable works. Class discussion, written literary analysis and a major  
written research project in the area of British literature are to be expected.

Prerequisite: English III

543 - English IV  (Flex)  
British Literature/Fundamentals of Writing  
Grade 12  1.0 Credit  
Theme writing skills are stressed while reading works in British literature. British literature is  
studied chronologically and parallels Course 541. Research paper skills are expanded.

Prerequisite: English III

545 - Advanced Placement English  
Grade 12  1.0 Credit  
This course helps students master skills necessary for writing theme papers about each of the literary  
genres. Examination of challenging literature includes recognition of patterns, motifs, themes and designs in  
authors’ artistic schemes. Investigation of writer styles and personalities helps students find their own  
writing voices. The course is specifically designed to prepare students for the A.P. exam while concentrating  
on literary analysis. Students must take the AP Exam.  
Prerequisites: Honors English III (535) and instructor approval
This course provides an examination of World Literature through thematic consideration of the human experience, highlighting the myths, customs, and value systems of various cultures, including their major historical events and authors, but focusing on the major universal experiences of all people. While oral presentations and creative writing are important parts of this course, students will demonstrate proficiency in analytical writing and research skills.

Prerequisite: Completion of English III, Honors English III, or Honors English II w/ department approval

**Electives**

566 - African American Literature *

This Junior/Senior elective traces African American Literary and artistic contributions from the 1700’s to contemporary works. This course presents a diverse collection of fiction, non-fiction, poetry, drama, speeches, songs, paintings, and photography. Literary content will explore how African American literature embodies American society from the classical era to present day and its’ place in the ever changing political, social, and economic climate of our country. Course work includes reading, writing, critical thinking exercises and research.

Prerequisites: English II

***Note: Students must be enrolled in courses totaling 6 credits, in addition to this course.***
600 - Honors Latin I

This course is structured and paced to provide the gifted and talented student with a firm grammatical base while building reading competence and knowledge of Roman culture. An integrated word study program is included. The student will be required to bring both "productive" (speaking and listening) and "receptive" (reading and writing) language skills into play. He will be called on to develop and display language ability in the cognitive areas of analogy, contrast, deductive and inductive reasoning, memory, organization, problem solving, and synthesis.
Prerequisite: Requirement for the McMullen Scholars
Students who are not McMullen Scholars but have high verbal ability may enroll. This is the only level of Latin I offered.

612 - French I

This is an introductory course emphasizing the development of listening, speaking, reading and writing skills. Intensive oral drill is provided stressing both proper pronunciation and appropriate spontaneous response. Readings and videotapes reinforce vocabulary and demonstrate proper usage, as well as providing cultural insight. The present tense, passé composé, and imperative forms of regular and irregular verbs are presented. Other grammar units include agreement of nouns and regular and irregular adjectives including the comparative and superlative uses of adjectives, usage and placement of object pronouns, and various forms of the negative and interrogative forms in the present and past tenses.
Prerequisite: None

614 - German I

This is an introductory course designed to develop the student’s ability to communicate in a limited manner. Through basic material presented in various forms, the student learns to listen, understand and speak German. Fundamental grammatical concepts are introduced and writing is practiced in a controlled manner. Cultural information is presented through the text and the accompanying film series. The course emphasizes the understanding and speaking of the language.
Prerequisite: None

614H—Honors German I

The course is taken in conjunction with German I for 5/6 periods, then meets as an Honors class on the sixth day of the cycle. Additional material is prepared, read and discussed along with vocabulary quizzes.
Prerequisite: Departmental Approval

616 - Honors Spanish I

Honors Spanish I emphasizes the development of listening, speaking, reading and writing skills. There is a strong focus on grammatical structure and vocabulary acquisition. Special emphasis is placed on conducting the class totally in Spanish by the last quarter of the year. Recordings of native speakers are used for listening comprehension and a video also accompanies each unit for vocabulary recognition and cultural aspects. The language lab is an integral part of the curriculum as it allows the students to effectively practice their listening and speaking skills. The curriculum also focuses on the daily culture of Hispanic life such as family customs, holiday traditions, and popular pastimes.
Prerequisite: High verbal ability and achievement scores.
617 - Spanish I

Grade 9, 10  1.0 Credit

Spanish I emphasizes the development of listening, speaking, reading and writing skills. There is a strong emphasis on vocabulary acquisition and grammatical structures. There are 12 units to be covered in the first year; each unit is comprised of four components: conversational vocabulary, a cultural perspective, grammar, and writing activities. This curriculum utilizes media (video and CDs), text, workbook, language lab and instructor to impart the target language to the student. The language lab is an integral part of our program as it enables the students to practice their listening and speaking skills in a stress-free environment. Frequent speaking, listening and writing quizzes and unit tests are given to monitor student progress in the language.
Prerequisite: None

618 - Spanish I (Flex)  Grades 9, 10  1.0 Credit

This course provides a basic introduction to the Spanish language where listening, speaking, reading and writing skills are addressed. Oral drill encourages proper pronunciation and vocabulary usage. Text and workbook exercises develop writing skills. Coordinated core audio in the language lab provide for listening comprehension and speaking practice. Coordinated videotapes provide cultural insight and develop listening skills. Chapter readings also broaden cultural awareness. The present tense of regular verbs and irregular verbs are presented. Other grammar topics include agreement of nouns and adjectives, ser and estar, and contractions.
Prerequisite: None

620 - Latin II  Grades 9, 10, 11, 12  1.0 Credit

This course completes the basic introduction to Latin begun in Latin 1. It refines and expands concepts of grammar and syntax, enlarges vocabulary, and fosters mastery of all the necessary forms used in Latin literature. More reading and writing are expected of the students as well as greater fluency and command of the language. After a review of material covered in Latin 1, this course introduces a wide array of new grammar, which includes: third, fourth, and fifth declension nouns; third declension adjectives; adverbs; demonstrative, intensive, reflexive, and indefinite pronouns; deponent verbs; participles; indirect statement; and the subjunctive mood. There will be greater emphasis, in the second semester, on the comprehension of the Latin language through practice in reading it. Through these readings the student will develop an understanding of the social and political history of the Romans, especially during the first century A.D. Qualified Latin II students take the National Latin Exam in March.
Prerequisite: Latin I (610)

621 - Honors French II  Grade 9, 10  1.0 Credit

This course provides intensive development of listening and speaking skills as well as increased practice in reading and writing. It is designed to continue the preparation of students for advanced study in French. Oral communication is emphasized incorporating proper pronunciation and broadening of vocabulary. Text exercises, readings and compositions are used to develop writing skills and to encourage comprehension over translation. Videotapes and coordinated audiotapes provide cultural insight while developing listening comprehension skills. The present, passé composé, imperfect, and future of various regular, irregular and reflexive verbs are presented. Other grammar units include: proper usage of pronouns (direct and indirect object, relative, interrogative, demonstrative), as well as the comparative and superlative of adverbs. The students will read Le Petit Prince to improve reading comprehension skills.
Prerequisite: Teacher Recommendation and French I (612)

622 - French II  Grade 9, 10, 11  1.0 Credit

A continuation of the introductory course, French II provides for further development of the listening and speaking skills as well as increased practice in reading and writing. While French grammatical structure is presented as a whole, and all parts of speech are studied, verb and pronoun usage are stressed. Formation and use of the present, past and future tenses of regular and irregular verbs are presented. Vocabulary acquisition is also important as it leads to broader comprehension and to more specific spoken and written expression. The course includes extensive as well as intensive reading for comprehension from Lectures Pour Tous. Readings and coordinated videotapes provide cultural insight while developing comprehension skills.
Prerequisite: French I (612)
623 – Honors German II  
Grade 9, 10  1.0 Credit
This course is taken in conjunction with 624-German II. It meets on the sixth day of the cycle with a separate text and additional work and quizzes. In addition, students in the Honors II section may participate in the National German Exam.  
Prerequisite: 88% in German I (614) and/or Teacher Recommendation

624 - German II  
Grade 9, 10, 11  1.0 Credit
German II continues what has been presented and learned in German I. Communication is enhanced orally as well as in reading, writing and listening forms. More complex grammatical structures are introduced, drilled and mastered. Students continue to communicate orally within the class situation, and begin to read more complex material in the text. Cultural information on the three German-speaking countries is continued and is presented through the text and the accompanying video series. 
Prerequisite: German I (614)

625 – Honors Latin II  
Grade 10  1.0 Credit
Students continue their study of the Romans’ language by reading stories in Latin about the politics suffusing Rome’s occupations of Britain and Judea. The students cement their knowledge of noun declensions, verb conjugations, and adjective agreement while meeting such new elements of grammar as ablative, all participles, the passive voice, and the subjunctive mood and its many uses. Qualified Latin II students take the National Latin exam in March.  
Prerequisite: 93% or higher in Honors Latin I (600) or Latin I (610)

626 - Honors Spanish II  
Grade 9, 10  1.0 Credit
This is an advanced course designed for more rapid development of the listening and speaking skills, while expanding the reading and writing skills. Students are expected to speak in the target language as much as possible. Grammar content is extensive, including an in-depth study of the preterit and imperfect, and the formation and use of the subjunctive mood. Vocabulary topics are drilled orally, through written assignments and supplementary readings. Students are expected to write compositions and maintain a rapid pace of instruction. The language lab is an integral part of the program.  
Prerequisite: 88% in Honors Spanish I (616) and/or Teacher Recommendation

627 - Spanish II  
Grade 9, 10, 11  1.0 Credit
Spanish II continues the study of introductory grammar and verb usage from Spanish I, while presenting the preterit, the imperfect, future and conditional forms. Several new grammatical structures are covered, including the usage of the direct, indirect, and reflexive pronouns. The course provides for further development of listening and speaking skills through dialogues, CD drills, videotapes, with an increased practice in reading and writing Spanish. The study of South American countries, idiomatic expressions, and useful vocabulary is emphasized by means of the text and supplementary materials. 
Prerequisite: Spanish I (617)

628 - Spanish II (Flex)  
Grades 10, 11  1.0 Credit
This course continues the development of basic proficiency in the four language skills; listening, speaking, reading and writing. It provides a comprehensive review of the present tense of verbs and explores in detail reflexive constructions, stem changing verbs as well as the past, future and conditional tenses. Object pronouns, demonstrative adjectives, and the verb gustar are also covered. The textbook emphasizes Spanish foods, educational practices, and cultural amenities of the Spanish speaking world. Students practice fundamental Spanish grammar and basic vocabulary for primary communication in the target language. The program includes a broad variety of proficiency building activities as well as substantial supplementary cultural material. There are many provisions for plentiful practice as well as numerous communication opportunities.  
Prerequisite: Spanish I (618) or Teacher Recommendation
630 - Latin III  Grades 10, 11  1.0 Credit

Students preparing to read Latin literature at the advanced level spend their third year navigating through the turbulent waters of ancient Roman politics and intrigue in readings that incorporate a thorough review of all previous grammar and vocabulary. With the aid of our textbook, Cambridge Latin Course Unit 4, supplemented by an increasing number of unabridged passages from Roman authors, students complete their study of Latin grammar, concentrating on such complex forms and constructions as indirect statement, conditional sentences, gerunds and gerundives, and independent subjunctives. Students also begin to examine style variations used in Roman literature as well as poetic meter and literary devices. For those intending to take the Advanced Latin class the following year, this course provides a preview of the authors and themes within the Advanced Placement syllabi. Qualified Latin III students take the National Latin Exam in March.

Prerequisite: 77% in Latin II (620) and Approval of the Instructor.

631 - Honors French III  Grades 10, 11  1.0 Credit

This elective course is designed to continue the development of listening, speaking, reading and writing skills on an intensive level. Oral communication for proficiency is essential, incorporating proper pronunciation and broadening of vocabulary. Text and workbook exercises encourage the development of proper tense usage and advanced idiomatic expressions. Compositions are used to reinforce this usage and proper syntax. Readings and translations are of a more complex nature including translations of historical events. Situational dialogues are used to encourage natural speech and fluency. French videos provide cultural insight and develop listening skills. Curriculum coordinated listening comprehension exercises include self-evaluations for immediate reinforcement. All verb tenses are reviewed in addition to the study of the literary past, the subjunctive, the future and the conditional tenses. This course serves as preparation for the Advanced Placement French course.

Prerequisite: 88% in Honors French II (621) and Teacher Recommendation.

632 - French III  Grades 10, 11, 12  1.0 Credit

This elective course is designed to continue the student’s study of the French language. It seeks to develop the four basic skills: listening, speaking, reading and writing. Oral communication is emphasized incorporating proper pronunciation and broadening of vocabulary. Textbook exercises encourage the further development skills. Compositions are used to reinforce proper verb usage and syntax. Readings stress comprehension over translation. French videos are introduced to provide cultural insights and encourage listening comprehension skills. All previously learned verb tenses are reviewed with an emphasis on proficiency. Perfect tenses are introduced to further develop mastery of the language.

Prerequisite: 77% in French II (622) or Departmental Approval.

633 – Honors German III  Grade 10, 11  1.0 Credit

This course is taken in conjunction with 634-German III. It meets on the sixth day of the cycle with a separate text and additional work and quizzes. In addition the students in the Honors III section may participate in the National German Exam.

Prerequisite: 88% in Honors German II (623) and/or Teacher Recommendation.

634 - German III  Grades 10, 11, 12  1.0 Credit

This is an elective course, which provides increased practice in listening, speaking, reading and writing skills. At this level the complexity of the material increases in difficulty so that all the language skills are enhanced. While there is continued practice in listening and speaking, more complex reading is emphasized both in the text and in supplementary materials. Written work is stressed through accurate completion of homework exercises and essays. Cultural information on the three German-speaking countries is continued and presented through the text and occasional articles and films.

Prerequisite: 77% in German II (624)
635 – Honors Latin III  
Grades 10, 11  1.0 Credit  
This course is taken in conjunction with 630 – Latin III, using the same textbook *Cambridge Latin Course Unit 4* and workbook. It meets on the sixth day of the cycle with a separate handouts and additional work and quizzes. 
Prerequisite: 90 in Latin II (620) and / or teacher recommendation

636 - Honors Spanish III  
Grades 10, 11  1.0 Credit  
This intensive course continues to sharpen all skills begun in the first two years of the language. In aural comprehension, the student’s goal is to understand native speech at a usual conversational pace on a broad variety of subjects. In speaking, the student works toward developing native fluency. Reading is at the student’s intellectual level in the target language. Writing of many types is developed; narrative, critical, descriptive, and expository. The language lab is an integral part of the program. This course is the basis for the AP/Honors IV programs in the fourth year. 
Prerequisite: 88% in Honors Spanish II (626)

637 - Spanish III  
Grades 10, 11, 12  1.0 Credit  
This elective course continues the development of skills begun in Spanish I and II. It is on this level that more sophisticated reading is done and controlled composition is practiced. Grammatical structures include present subjunctive, preterit versus imperfect, present perfect and imperative mood. The ability to communicate in oral and written form is the main goal of this course. Readings and supplementary culture materials are used to help encourage these skills. The language lab is an integral part of the program. 
Prerequisite: 77% in Spanish II (627)

638 - Spanish III (Flex)  
Grades 11, 12  1.0 Credit  
This elective course is designed to develop listening, speaking, reading and writing proficiency in Spanish. It is addressed to students with varying abilities. Pragmatic use of the language in everyday situations is the focus. Basic grammar is reviewed and reinforced through text and workbook exercises. Coordinated listening programs develop the students’ auditory skills. The language lab is an integral part of the program. Text readings offer narrative insights into the history, geography, culture, and people of the Hispanic world. 
Prerequisite: Spanish II (628 students with at least a 75% average)

640 - Latin IV  
Grades 11, 12  1.0 Credit  
The *Cambridge Latin Anthology* provides a wide range of poetry and prose from the Roman world for students who are keen to develop an understanding of the authors in the original Latin. Eight thematic sections of verse include works by Catullus, Virgil, Ovid, Martial, Horace, Petronius, Seneca and Lucretius. Eight sections of adapted prose include selection from Cicero, Pliny, Caesar, Tacitus, Sallust, Apuleius and the Acts of the Apostles in the Vulgate. Students will also read selections from *Ritchie’s Fabulae Graecae*, and various other sources in order to enhance their proficiency in reading and speaking Latin. 
Prerequisite: 77% in Latin III (630) and Approval of the Instructor

641 – Honors French IV  
Grades 11, 12  1.0 Credit  
This advanced course is the continuation of Honors French III. Students will expand their knowledge of advanced French grammar, culture and literature with emphasis on application of learned topics. Readings are of a more substantial length, featuring 20th century authors, and current events. French magazines and movies offer the students realistic insights into French culture. Compositions are required on a regular basis accentuating a development of style. Listening exercises will incorporate native speakers in real-life situations. Speaking will focus on content, form and fluency. 
Prerequisite: Honors French III (631)
642 - French IV

Grades 11, 12  1.0 Credit

This elective course is designed to continue the development of listening, speaking, reading and writing skills begun in French I, II, and III. Oral communication is emphasized incorporating proper pronunciation and broadening of vocabulary. Text exercises encourage the continued development of writing skills. Written projects are used to reinforce proper verb usage and syntax. Supplementary readings and associated exercises stress comprehension over translation. Videos provide for cultural insight while encouraging the development of listening skills. The reinforcement of all previously learned tenses is addressed. Advanced tenses to be studied include the future perfect, present and past conditional, along with the subjunctive mood. Other grammar topics include pronouns (relative, possessive, demonstrative), various uses of the infinitive, and the present participle.

Prerequisite: 77% in French III (632) or Departmental Approval.

643/644 – Honors German IV/German IV

Grades 11, 12  1.0 Credit

This is an elective course, which is designed to bring together what the student has learned in the previous three years and combine that with more sophisticated grammar and culture. The honors class will meet 6/6 classes a cycle and the regular class will meet 5/6 classes a cycle. The basic material is derived from the text and is supplemented by a weekly session on recent German history from 1871 to the present. In both the regular text and the history text, reading and vocabulary building are stressed. Likewise writing is furthered by responding to questions based on the text readings and the history text. Discussions of both cultural and historical material in German are frequent. Grammar is stressed and drilled and used in these discussions. Several films are used to enhance cultural understanding and a film series is used to enhance comprehension. In addition, students in the Honors IV section may participate in the National German test administered in Jan.

Prerequisite for 643: 88% in Honors German III (633)/teacher approval
Prerequisite for 644: 77% in German III (634)

645 - Honors Latin IV

Grades 11, 12  1.0 Credit

This course is taken in conjunction with 640 Latin IV. The classes will meet together but in order to receive honors credit the student will have extra reading and grammar assignments to be completed outside of class. Reading sources are varied with the emphasis on understanding literature. Students must be self-motivated and possess the ability to work independently.

Prerequisite: 88% or higher in Honors Latin III (635)

646 - Honors Spanish IV

Grades 11, 12  1.0 Credit

This is an elective course intended to give the students further instruction and practice in advanced listening, speaking, reading, and writing skills. Extensive vocabulary expansion occurs in every chapter. Original, native targeted, printed and audio materials are used in class. Oral presentations and class discussions are conducted completely in Spanish. The language lab is an integral part of the program. It is specifically designed to prepare the student for the AP Spanish Language course.

Prerequisite: Teacher approval / 88% or higher in Honors Spanish III

647 - Spanish IV

Grades 11, 12  1.0 Credit

This elective course is designed to increase the student’s level of reading, writing, conversation and grammar/verb usage in Spanish through daily vocabulary study, extensive practice in verb conjugation, Spanish films, and short story readings. An extensive unit in Spanish art, history and literature is included and culminates in a trip to the National Gallery of Art in Washington D.C. The class is conducted in Spanish except for some grammar explanations. The students have intensive oral and listening comprehension in the language lab. Writing compositions is also an integral part of this course.

Prerequisite: 77% in Spanish III (637)

648 - Spanish IV (Flex)

Grades 12  1.0 Credit

This course is designed as a continuation of Spanish III-638. It is conducted with an emphasis on the fundamentals of grammar as needed for effective oral and written communication. The instructor uses a thematic vocabulary approach to improve the students’ speaking, listening and writing skills. Oral and written projects are an integral part of student skill assessment.

Prerequisite: 77% in Conversational Spanish III and teacher approval
651 - Advanced Placement French
Grades 11, 12    1.0 Credit
This elective course is designed as the culmination of several years of advanced study in French. It seeks to further develop and refine skills that have been acquired over the students’ entire school career. This course is also designed for the preparation of the Advanced Placement French Language Examination by providing intensive development of listening, speaking, reading and writing skills. Oral communication is essential incorporating proper pronunciation and broadening of vocabulary. Text exercises continue the development of writing skills through applied grammar usage. Weekly compositions require proper verb usage and syntax while incorporating style and organization of a more complex nature. Readings, including poetry and prose, and associated exercises stress comprehension over translation. Coordinated videos provide cultural insight and continue the development of listening comprehension skills. French is spoken exclusively by the students and the teacher with exceptions made only for grammar clarification. The first semester stresses an intensive grammar review with emphasis on verb usage, tense sequencing and pronoun usage. The second semester is devoted entirely to the integration of all four skills in preparation for the demanding AP Exam in May, which is required. Vocabulary acquisition and refinement are emphasized throughout the year.
Prerequisite: 90% in Honors French III (631) and Personal interview with the Instructor.

652 - French V
Grade 12    1.0 Credit
This elective course provides for the continued study of the French language. It is designed for those students who have completed French IV in their junior year. Authentic French videos are used to continue the enhancement of listening skills. Written projects and critiques allow for the refinement of writing skills. Supplementary readings provide exposure to current affairs and contemporary idioms. This course will also introduce a selection of French literary masterpieces from the middle age to the present day. French will be spoken exclusively.
Prerequisite: 88% in French IV (642)

653 - Honors French V
Grade 12    1.0 Credit
This elective course provides for the continued study of the French language for those students who have completed Honors French IV or A/P French. It is run concurrently with 652. The student will continue to develop listening, writing, reading and speaking skills through the study of French history. Students will also continue with structured grammar exercises on the regular and irregular forms of the passé compose imperfect, passé simple, subjunctive, future and conditional tenses. Authentic French videos are used to continue the enhancement of listening skills. Written projects and critiques allow for the refinement of writing skills. French will be spoken exclusively.
Prerequisite: 88% in Honors French IV (641) or A/P French (651)

654 - Honors German V
Grade 12    1.0 Credit
This course is designed for advanced students who have completed Honors German IV. The student will continue to speak, read, understand and write at an advanced level. There will be a thorough review of grammar along with an introduction to more complex grammatical constructions. Speaking will be emphasized in discussions and in a question/answer format. Reading comprehension will be enhanced through articles and essays in the text. Writing on various topics presented in the text as well as other sources will be stressed. Video and film presentations will be included.
Prerequisites: 92% in Honors German IV

656 - Advanced Placement Spanish
Grade 12    1.0 Credit
This course is an advanced-level Spanish language course intended to prepare students to take the required Advanced Placement Spanish Examination in May. Successful completion of the examination may qualify the students for college credit. Listening, speaking, reading and writing skills are developed by means of a variety of learning activities. Listening and speaking practice is done in the classroom and in the language lab. Vocabulary development, grammar review, composition practice and reading selections in literature, art, history and current cultural topics are an integral part of the course. Class is conducted entirely in Spanish.
Prerequisite: 90% in Honors Spanish III (636) and Personal interview with the Instructor.
657 - Spanish V

Grade 12  1.0 Credit

This upper level course is designed for those who have completed Spanish IV. The student will continue to develop his listening, speaking, reading and writing skills through the study of the twenty-one Spanish-speaking countries of the world. The emphasis of the course is the study of Hispanic culture through three types of readings: historical, literary and journalistic and through a fully integrated, text-specific video featuring authentic footage from various regions of the Hispanic world. The language lab is an integral part of the program.

Prerequisite:  80% in Spanish IV (647)

658 - Honors Spanish V

Grade 12  1.0 Credit

This upper level course is designed for those who have completed Honors Spanish IV but are not taking AP Spanish. The student will continue to develop his listening, speaking, reading and writing skills through the study of the twenty-one Spanish-speaking countries of the world. The emphasis of the course is the study of Hispanic culture through historical, literary and journalistic readings. In addition to the 657 course requirements the honors students will have extra authentic literature readings by the following authors: Allende, Borges, Cortázar, Esquivel, Lorca, Márquez, Matute, Neruda, and Unamuno. The students will have writing assignments based on those readings.

Prerequisite: Teacher approval

660 - Advanced Placement Spanish Literature

Grade 12  1.0 Credit

The AP Spanish literature course is offered to students who have completed the AP Spanish language course. This course focuses on the student’s ability to analyze literary texts and their knowledge of the required readings. It covers 36 selected authors and their works from the literature of Spain and Latin America. The course centers on understanding and analyzing these literary texts. The selected works and authors are from the Medieval age, the Golden age, and the 19th and 20th centuries of literature. **Students must take the AP Exam in May.**

Prerequisite: Students must have successfully completed the AP Spanish language course
FINE ARTS

Calvert Hall offers an outstanding opportunity to students talented in the Arts. This opportunity finds its roots in the School’s Philosophy: “To assist each student in becoming a man of culture, receptive to God’s gifts of truth, beauty and good-ness”. The Fine Arts Program at Calvert Hall College currently focuses on four areas of artistic development: Instrumental Music, Choral Music, Visual Arts, and Dramatic Arts. A student may concentrate in one area or experience several.

Music

700 - Band - Instrumental Music Ensembles

Grades 9, 10, 11, 12

1.0 Credit

The Band course is made up of two components (Concert Band & Marching Band). The first and largest aspect is participation in one of the three concert bands, which is the main resource for students to gain proficiency on their instrument. The second aspect of Band is participation in Marching Band.

Concert Bands

The Wind Ensemble is the premier-instrumental performing ensemble at Calvert Hall. The group is dedicated to stretching the limits of both the individual and the ensemble. The ensemble explores the standard symphonic repertoire, as well as other contemporary musical settings. Students are selected from among their peers and represent some of the most talented musicians at Calvert Hall.

The Symphonic Band is comprised of 9th-12th graders and focuses on developing musicianship. With a wide range of ability levels, the Symphonic Band is dedicated to developing characteristic tone quality and fostering sight reading skills. The Symphonic Band is designed to prepare and develop students to perform at the extremely demanding level of the Wind Ensemble.

The Concert Band is primarily comprised of 9th & 10th graders and focuses on the fundamentals of playing an instrument. This group is geared to first year members and will expose students to a wide selection of music, while developing characteristic tone quality and fostering sight reading skills. Concert Band is designed to prepare and develop students for the increased demands of Symphonic Band. This ensemble also provides an opportunity for current instrumental students to learn a secondary instrument.

Marching Band

The Full Marching Band (FMB) involves every wind instrument from the entire Instrumental Music Program. The Full Marching Band performs at a variety of local parades; such as the Towson, Dundalk, & Havre de Grace Fourth of July Parades, the Baltimore Mayors Christmas Parade, as well as the Baltimore St. Patrick’s Day Parade.

The Competition Marching Band (CMB) involves members of the Instrumental Music Department to present one of the most visual groups within the Music Department by performing at home football games and throughout the mid-Atlantic region competing in US Bands sanctioned marching band competitions, as well as a variety of charitable events throughout the community. Membership is open to all members of the instrumental music program, subject to the Director’s approval. The CMB prides itself on its consistent musical excellence, and pushing the limits within its visual productions.

** 700 Fulfills Fine Arts Requirement
Sectionals: Students in 700 are required to choose a sectional below which meets one time per cycle.

702 (A,B,C,D,E,F,G,H) – Woodwind
703 (A,B,C,D) – Strings
705 (A,B,C,D) – Trumpet/Horn
707 (A,B,C,D) – Low Brass
708 (A,B,C) – Percussion

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<th>Course Code</th>
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<th>Grades</th>
<th>Credits</th>
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<tbody>
<tr>
<td>710 (1,2,3)</td>
<td>Fundamentals of Instrumental Music</td>
<td>9, 10, 11, 12</td>
<td>0.5</td>
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<tr>
<td>710S</td>
<td>Fund. Music Strings</td>
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<tr>
<td>710D</td>
<td>Fund. Music Percussion</td>
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Students will develop their basic musicianship skills through performing a wide array of repertoire on their primary band instrument. Tone production, breathing, intonation, rhythm counting, and overall music literacy are backbone of the class’s design.

Students will learn concepts in lecture/lab as well and through the use of Smart Music® computer software, both at school and at home. Ear training and sight reading/singing, music theory, and music history will be combined with performance to enhance the students’ music knowledge and ability

Prerequisite: None

Required of all 1st year Instrumental Music Students

**Fulfills Fine Arts Requirement**

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<tbody>
<tr>
<td>711</td>
<td>Foundations of Music Theory</td>
<td>10, 11, 12</td>
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</table>

The Foundations of Music Theory course is designed to provide the students with a comprehensive understanding of tonal music. The course will deal with harmonic progression through vocal and instrumental textures. Considerable time will be spent working with four-part chorale settings to introduce many concepts.

Along with theory, the students will begin to develop listening skills through ear training and sight singing. In addition to the theoretical presentation, a comprehensive practical approach of these materials are required.

**Fulfills Fine Arts Requirement**

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<tbody>
<tr>
<td>712</td>
<td>Jazz Theory &amp; Improvisation</td>
<td>10, 11, 12</td>
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The Jazz Theory & Improvisation course is designed for the jazz musician who wants to have a better understanding of the language of jazz. The student will learn the essentials of jazz music through analysis, ear training, and performance with emphasize on improvisation. Through hands on learning, students will demonstrate knowledge of typical jazz chords/progressions, jazz scales, form, and styles. In addition, the students will be exposed to a variety of performers & composers.

Prerequisite: Foundations of Music Theory
Member of Jazz Ensemble
Permission of Instructor

**Fulfills Fine Arts Requirement**

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<th>Course Code</th>
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<tbody>
<tr>
<td>714</td>
<td>Advanced Placement Music Theory</td>
<td>11, 12</td>
<td>1.0</td>
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</table>

AP Music Theory is designed to be a continuation of Foundations of Music Theory. The course is used to build upon the fundamental concepts of music and deal with more advanced concepts of music. A large portion of the class will be reserved for ear training and sight singing. Along with these concepts the students will use their musical knowledge through short music compositions. The ultimate objective of the course is to prepare the students for the AP Music Test as well as college based Music Theory classes.

Prerequisite: Foundations of Music Theory, Jazz Theory and Improvisation, and
Permission of the Instructor
**715 - Music Composition/Arranging**  
**Grade 11, 12  1.0 Credit**  
The Music Composition/Arranging course investigates arranging and composing techniques. Students will compose, arrange, and conduct several compositions as part of the course. The course will expose strategies and techniques for effectively writing for all the various ensembles and instruments within them. In addition to learning tradition methods of composing and notation, students will be exposed to composing through a sequencing program.  
Prerequisite: Advanced Placement Music Theory  
Permission of the Instructor

**716 - History of Jazz**  
**Grades 10  0.5 Credit**  
History of Jazz course provides an in depth look at the major jazz styles that emerged from the early 1900’s to the present. Through the study of significant jazz musicians and composers and an extensive look at historic recordings, students will gain a new appreciation for jazz music. By studying each of the major jazz styles separately, students will develop the ability to identify key musical elements that differentiate each style. In addition, through studying jazz music, a precursor to the popular music of today, students will develop an understanding of how music continues to evolve into the many types of musical styles which exist in today's world.  
Prerequisite: Permission of the Instructor  
**Fulfills Fine Arts Requirement**

**717 - History of Rock & Roll**  
**Grades 10  0.5 Credit**  
The History of Rock & Roll course is designed to discuss the history of popular music styles with a focus on rock music. The main purpose is to organize the repertory into specific categories and genres, while exposing the students to an enormous body of music that spans the last sixty years. This should enable the students to have a greater understanding & appreciation for all forms of popular music. In addition, students should gain a new perspective on rock and its history, which will hopefully change the way they listen to and think about music in general.  
Prerequisite: Permission of the Instructor  
**Fulfills Fine Arts Requirement**

**718 - Introduction to Music**  
**Grades 10  0.5 Credit**  
The Introduction to Music course is designed to provide students with little or no musical experience the opportunity to obtain a basic knowledge of the elements of music including melody, rhythm (meter), harmony, & form through an understanding of listening to music, performance with simple percussion instruments, and the playing of basic piano/keyboard music. It is designed as a continuation of developing the basic skills students may have acquired through their general music courses in elementary and middle school. This course is primarily a performance based course. Sight-reading, ear training and other skills of musicianship will be isolated and studied.  
Prerequisite: Permission of the Instructor  
**Fulfills Fine Arts Requirement**

**720 - Basics of Guitar**  
**Grades 10  0.5 Credit**  
The beginning guitar course is geared towards those students with little or no guitar experience. Students will be introduced to basic music theory, as well as basic guitar playing skills. Students must provide their own guitar.  
Prerequisite: Permission of the Instructor  
**Fulfills Fine Arts Requirement**

**721 - Intermediate Guitar**  
**Grades 10, 11  0.5 Credit**  
The Intermediate Guitar course is designed to directly follow the Introduction to Guitar course. It will cover more advanced material such as the music theory behind the formation of chords, and the various scales common to blues, country, and flamenco music. Elements of classical guitar technique will also be introduced, including various styles of finger-picking and the use of arpeggios. The course will be available to students who have either completed the Basics of Guitar course or who can pass a playing test and a music theory test to demonstrate basic competence.  
Prerequisite: Introduction to Guitar and/or Permission from the instructor
**Fulfills Fine Arts Requirement**

**730 - Hallmen Chorus**
Grades 9, 10, 11, 12  1.0 Credit
Large choir (75-85) open to all grades, but consists of mostly juniors and seniors with prior singing experience; will compete in the Men’s Choir division at festivals; repertoire will consist of large accompanied and *a capella* works for men’s choir; will sing at many special functions (Turkey Bowl, Open House, etc); featured choral ensemble for the Christmas Concert and Spring Tour; also participates in the annual AIMS Choral Festival and District and State Festivals; often combines with local all-girls’ schools to present mixed choir concerts; **changed voices** are desired for this ensemble, as not to force the change with the vocal demands required of the literature performed.
Prerequisite:  Audition and Permission of the Instructor

**732 - Solo Vocal Music**
Grades 10, 11, 12  0.5 Credit
The Solo Vocal Music course is designed to provide students of all levels of proficiency the opportunity to build singing technique through the study of various solo vocal repertoire including, but not limited to, classical and musical theatre genres. The course would include performances at various choral concerts, at semester recitals, in the annual Chamber Ensemble Concert, at the District and State Solo Festivals, and at the National Association of Teachers of Singing student auditions.
Prerequisite:  Must be a current member of a choral ensemble at Calvert Hall

**736 - Vocal Ensemble (The Corridors)**
Grades 9, 10, 11,12  0.5 Credit
Fourteen (14) member auditioned a cappella choir with vocal percussion consisting of mostly juniors and seniors **from The Hallmen Chorus** with considerable singing experience and the ability to sing pop music; will compete in the Vocal Jazz/Show division at festivals, A Cappella-fest at Park School and in the International Competition of High School A Cappella; performs at the Christmas Concert, Jazz Showcase, and the Spring Band and Choral Concert; repertoire will consist of *a cappella* contemporary works for men’s choir from the pop, rock, R&B, and even rap genres; student arrangements and choreography are strongly encouraged, movement is required.
(Corridors will meet as a special class outside of the school day.)
Prerequisite:  Concurrent Enrollment in 730  
Audition and Permission of the Instructor

**737 - Madrigal Ensemble**
Grades 9, 10, 11, 12  0.5 Credit
Eight (8) member ensemble consisting of mostly juniors and seniors **from The Hallmen Chorus** with considerable singing experience; repertoire will consist of advanced *a cappella* works from the Renaissance and Baroque periods, songs from the barbershop genre may be included; sing annually at the State and District Solo and Ensemble Festival, as well as additional concerts.
Prerequisite:  Audition and Permission of the Instructor

**740 (A,B,C)- Jazz Ensemble**
Grades 9, 10, 11, 12  0.5 Credit
The Jazz Ensemble focuses on music from the jazz idiom, from Big Band, swing, be-bop, Latin, rock, and contemporary styles of jazz. The Jazz Band is by audition only. Eligibility is based on participation in the Band program. The only exception to this prerequisite is students playing guitar, piano, & bass.

The **Jazz Orchestra** is the premier jazz ensemble and is comprised of the most talented musicians from the larger concert groups. The group utilizes improvisation as a vehicle to push the performer to their “creative” limits. Jazz orchestra is dedicated to exposing its students to a diverse library of music from traditional big band standards to contemporary jazz charts.

The **Big Band** is the intermediate level jazz band at Calvert Hall. The group’s purpose is to mold and train musicians for the more demanding Jazz Orchestra. This ensemble utilizes jazz repertoire to develop fundamentals unique to the jazz idiom.

The **Jazz Lab** is open to first year musicians, selected by audition. Students learn the technical skills needed to perform jazz proficiently. This ensemble will explore a variety of styles of jazz music.
Prerequisite:  Permission of the Instructor through a performance audition

**Fulfills Fine Arts Requirement**
740S Jazz Combo  (no credit)

741 - Chamber Chorus  Grades 9, 10, 11, 12  0.5 Credit
Chamber group (28-32 singers) is the core group of singers for the CHC Choral Department who are invited from the HALLMEN by the director, to perform advanced (Level 5-6) classical a cappella music ranging from the Classical period to modern times; a fairly high level of music reading skills is the pre-requisite; participates in the annual AIMS Choral Festival and District and State Festivals as well as smaller venues in the area; singers act as peer educators to the younger or less experienced singers in Concert Choir.
Prerequisite:  Audition and Permission of the Instructor

742 - Brass Ensemble  Grades 10, 11, 12  0.5 Credit
The Brass Ensemble consists of brass performers, who look to improve fundamental skills through a small ensemble setting. These ensembles will perform chamber style literature with intent to open the students to music generally not performed in the concert ensembles. Attention will be made on individual musicianship as it relates to performing within a small ensemble.
Prerequisite:  Permission of the Instructor

744 - Woodwind Ensemble  Grades 10, 11, 12  0.5 Credit
The Woodwind Ensemble consists of woodwind performers, who look to improve fundamental skills through a small ensemble setting. These ensembles will perform chamber style literature with intent to open the students to music generally not performed in the concert ensembles. Attention will be made on individual musicianship as it relates to performing within a small ensemble.
Prerequisite:  Permission of the Instructor

746 - String Orchestra  Grades 9, 10, 11, 12  0.5 Credit
The String Orchestra consists of instrumentalists who look to improve fundamental skills through a three-tiered performance group structure (chamber ensemble, string orchestra, and full symphonic orchestra). The ensemble will perform various types of literature with the intention of exposing its members to numerous musical genres and styles. One year or more of study and experience on Violin, Viola, Cello, or Double Bass is required for acceptance into the String Orchestra.
Prerequisite:  Permission of the Instructor  **Fulfills Fine Arts Requirement

748 - Percussion Ensemble  Grades 10,11,12  0.5 Credit
The Percussion Ensemble consists of percussionists, who look to improve fundamental skills through a small ensemble setting. These ensembles will perform chamber style literature with intent to open the students to music generally not performed in the concert ensembles. Attention will be made on individual musicianship as it relates to performing within a small ensemble.
Prerequisite:  Permission of the Instructor
Art

751 - Basic Art
Grades 9, 10, 11  1.0 Credit
This is a fine arts Studio Class for students with concentration on drawing and sculpting skills. Students will experiment with a wide range of materials in approaching art as an artist. The program begins with an emphasis of the fundamentals of painting and drawing as skills, involving both materials and techniques. A student is not required to present a portfolio for admission to this course since all incoming students must take a drawing placement test. Anyone having samples of his work is encouraged to present such work at the time of testing.
Prerequisite:  Interview and Approval of the Art Instructor

761 - Advanced Drawing and Painting
Grades 10, 11, 12  1.0 Credit
In this course a student develops an understanding of the anatomy of the human figure. Spatial relationships of objects, and the design of a picture plane containing man and his environment from black and white to color are included. At this point the course becomes open-ended and encourages student self-reliance and independence. The student is required to purchase his own painting materials; however, some materials will be furnished by the school.
Prerequisite:  Basic Art (751) and Approval of the Art Instructor

771 - Sculpture and Design
Grades 10, 11, 12  1.0 Credit
Emphasis will be on using various materials to express three-dimensional ideas. This course will involve mixing of clay, figurative modeling, plaster and wood carving. Students are encouraged to develop their ideas uniquely and receive a great deal of individual attention; they must also continuously work on assigned, carefully structured, sculpture problems.
Prerequisite:  Basic Art (751) and Approval of the Art Instructor

775 - Fundamentals of Art
Grades 10, 11, 12  0.5 Credit
Intro to Art is designed to give students a basic understanding and appreciation of visual art. Students are offered the opportunity to explore various visual art forms and techniques in an introductory level art course. Some of the techniques, ideas and materials that may be included are, observational drawing (line and tone), perspective drawing, charcoal drawing, 2-D design, composition, color theory, watercolor painting, pen & ink, printmaking. Major emphasis is on observational drawing. Intro to Art is planned to meet the needs of students of all artistic ability levels.
This course will require the purchase of art supplies, plan on spending between $90.00 and $120.00 on art supplies. A list of needed art supplies will be provided first week of class.

***Note: Student must be enrolled in courses totaling 6 credits, in addition to this course.

791 - Advanced Placement Art
Grades 11, 12  1.0 Credit
This course is intended for highly motivated students committed to serious study in art who have completed Basic Art and Advanced Painting or Sculpture and Design. Students must submit a general portfolio or drawing portfolio to the Advanced Placement Program in May.
Prerequisite: 2 years of Art and Approval of the Art Instructor
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<tr>
<td>753</td>
<td>Intro. to Graphic Design</td>
<td>Grades 10</td>
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<td>This fine arts course will explore the art of visual communication. The focus will be on finding creative visual solutions to communication problems by combining images and typography using the Adobe Suite software of Illustrator, Photoshop and InDesign. In addition, you will learn how design elements and principles of design are used to create effective communication.</td>
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<td>Prerequisite: Some knowledge of Adobe Suite is preferred.</td>
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<tr>
<td>761</td>
<td>Advanced Drawing and Painting</td>
<td>Grades 10, 11, 12</td>
<td>1.0</td>
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<td>In this fine arts Studio Class students develop greater command of technical skills through various media. Overall, it is a “Portfolio Preparation” course meant to build and refine 2-D work for college and AP Studio Art Portfolios, or for personal interest. A major emphasis of the class is on academic observation, leading students to explore artistic interest, self-reliance and independence. Instruction is individualized and adapted to each student's ability. Painting and drawing are taught concurrently and are complementary. Students must interrelate their drawing and painting throughout the semester. In addition, each student must keep a sketchbook of work done outside of class. The student is required to purchase his own painting and drawing materials; however, some materials will be furnished by the school.</td>
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<td>Prerequisite: Basic Art (751) and Approval of the Art Instructor</td>
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<tr>
<td>771</td>
<td>Sculpture and Design</td>
<td>Grades 10, 11, 12</td>
<td>1.0</td>
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<td>Emphasis will be on using various materials to express three-dimensional ideas. This course will involve mixing of clay, figurative modeling, plaster and wood carving. Students are encouraged to develop their ideas uniquely and receive a great deal of individual attention; they must also continuously work on assigned, carefully structured sculpture and 2 dimensional problems. In addition, observational drawing skills will be developed along with some introduction to graphic design using the iMac and CS6 software.</td>
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<td></td>
<td>Prerequisite: Basic Art (751) and Approval of the Art Instructor</td>
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<tr>
<td>775</td>
<td>Fundamentals of Art</td>
<td>Grades 10</td>
<td>0.5</td>
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<td></td>
<td>Fund. of Art is designed to give students a basic understanding and appreciation of visual art. Students are offered the opportunity to explore various visual art forms and techniques in an introductory level art course. Some of the techniques, ideas and materials that may be included are, observational drawing (line and tone), perspective drawing, charcoal drawing, 2-D design, composition, color theory, watercolor painting, pen &amp; ink, printmaking. Major emphasis is on observational drawing. Fund. of Art is planned to meet the needs of students of all artistic ability levels. This course will require the purchase of art supplies, plan on spending between $90.00 and $120.00 on art supplies. A list of needed art supplies will be provided first week of class. <strong>Note: Student must be enrolled in courses totaling 6 credits, in addition to this course.</strong></td>
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<tr>
<td>791</td>
<td>Advanced Placement Art</td>
<td>Grades 11, 12</td>
<td>1.0</td>
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<td>This course is intended for highly motivated students committed to serious study in art who have completed Basic Art and Advanced Painting or Sculpture and Design. Students must submit a general portfolio or drawing portfolio to the Advanced Placement Program in May.</td>
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PHYSICAL EDUCATION DEPARTMENT

The Physical Education program is designed to expose the students to a variety of activities, both team and individual, in order to develop sports skills, muscular and cardiovascular fitness, and aquatic skills. This emphasis should enable the student to utilize what he has learned in order to maintain a physically active and enjoyable life.

811 - Physical Education I/ Health            Grade 9   0.5 Credit

The physical education semester this course is designed to develop sport skills, muscular and cardiovascular fitness and basic aquatic skills. Various team and individual sports are utilized with emphasis placed on basic fundamentals.

The Health semester of this course provides instruction to improve the student’s understanding of personal health care issues. Topics include: the health benefits of physical fitness, nutrition, the effects of stress, chemical substance use and abuse, and good decision making skills.

Prerequisite:  None

*** Note: Students are required to pass each semester of this course independently.

821 - Physical Education II               Grade 10   0.5 Credit

This course is an extension of the course that is offered on the freshman level. Sports skills, fitness and aquatic skills are again covered with more emphasis being on the actual participation in the game or event. The program is more designed toward carryover values in hopes that the student will utilize what he has learned to maintain a physically active and enjoyable life.

Prerequisite:  None

831—Physical Education III—Fitness and Health Grade 11 0.5 Credit

This course is designed for students who have not had the opportunity to take physical education in the freshman and sophomore year. The focus of the course is to provide the framework for lifelong fitness in the areas of exercise, diet, and life balance.
MC MULLEN SCHOLARS PROGRAM.

901 - Humanities I  
Grade 10, 11  1.0 Credit

This is an honors course for the McMullen Scholars in the integrated Humanities: the arts of literature, painting, music, sculpture, and architecture, and the discipline of philosophy. The components of the humanities, philosophy and the arts are presented not as separate technical disciplines but as interrelated manifestations of human creativity. As such, recognizing the historical context for philosophy and the arts is a vital component of this course. In order to fully understand today’s western culture, this course focuses on western civilization and that heritage from Ancient Greece to the present.
Prerequisite:  McMullen Scholar

903 - McMullen Capstone Experience  
Grade 12  1.0 Credit

This honors course requires the student to demonstrate that he is qualified to graduate as a McMullen Scholar. It is completed in consultation with the Program Director and an individualized Committee of Readers and Mentors. This committee includes experts from outside Calvert Hall. By the end of the first semester, the student is asked to complete a research-based process culminating with the composition of an original thesis paper that provides ample persuasive evidence in support of a scholarly position. During the second semester, the student makes a presentation to all seniors in the McMullen Scholars Program, defending his project and responding to student and faculty critics. Students are advised to select topics of deep personal interest in order to foster their own intellectual growth as they determine where they wish to continue their education beyond Calvert Hall.
Prerequisite: McMullen Scholar  (This course is taken in addition to 6 full credit courses)