

# PENSACOLA CATHOLIC HIGH SCHOOL 2019-2020 CURRICULUM BROCHURE

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Pensacola, Florida 32505  
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[www.pensacolachs.org](http://www.pensacolachs.org)

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## Philosophy

"Love one another as I have loved you" is the command of Jesus Christ to those who follow Him. Pensacola Catholic High School believes this command is a mandate for Catholic education and strives to develop the whole person by focus on the spiritual, intellectual, cultural, social, and physical aspects. Catholic High seeks to bring its students to the realization that they are part of a global society which is becoming more and more interdependent and that they must be conscious of the importance of their place in this society. The Christian value of love must be the central theme of the students' development in order for them to understand this interdependence. God calls everyone to respond to His vision of peace and justice. Catholic High seeks to help its students to hear that call and respond with generous trust.

### Program Placement & Academic Levels

The curriculum at Catholic High consists of a four-level educational program. Entering ninth graders are placed in the core subjects of Math, Science, Social Studies, and English according to their ability as demonstrated on the CHS placement test, 6th, 7th, and 8th grade standardized tests, and achievement in 7th and 8th grades. Each year a student's placement is reassessed by each department at the time of registration. This helps to ensure that students are provided with challenges commensurate with their potential. These academic levels are designated by the titles and abbreviations: Honors (H), Accelerated College Prep (ACP), College Prep (CP), and General (G).

### Specialized Academic Programs

In addition to challenging courses in all levels of the curriculum, several specialized programs are available to further enhance the academic offerings at CHS:

**PSC Dual Enrollment Courses:** Students who fulfill the academic requirements established by PSC and CHS may enroll in courses for simultaneous credit from both institutions. Limited space is available in dual enrollment courses. Students who qualify will be admitted on a first come, first served basis. The college credit earned becomes a permanent part of their college transcript and is transferable to all Florida schools and most other four year colleges and universities. Catholic High will offer those dual enrollment courses for which there is sufficient registration. Due to legislation passed in 2013, students will be assessed a \$24 fee, per semester of Dual Enrollment by Pensacola State College. A maximum fee of \$24 will be assessed to a student each semester, regardless of the number of Dual Enrollment courses the student is taking.

**Adaptive Education Program:** This program provides support services to students with diagnosed learning disabilities by: placement in one credit-bearing elective class per day of Learning Strategies; providing an AEP teacher who acts as a liaison between teachers, students, parents and guidance personnel; on-going in-service programs for mainstream teachers in issues related to learning disabilities. The Learning Strategies course uses a combined learning strategies/tutorial approach in a less restrictive environment with small group instruction.

**AP Courses:** AP courses are offered in several areas of the Catholic High School curriculum. Some of these courses are taught in conjunction with PSC Dual Enrollment courses that we already offer. AP courses simply replace the Honors course with which they correspond. The AP curriculum is a rich curriculum that corresponds well with the current CHS Honors curriculum in several areas.

**Florida Virtual School Courses:** FLVS is part of the Florida public education system, is accredited by SACS and offers courses that are NCAA approved. FLVS courses are delivered over the Internet and will be accepted for credit by CHS either as enrichment (elective) courses or as remediation for required courses taken at CHS. FLVS credits are transferable to other schools and colleges. For full details on taking FLVS courses at CHS, please see p. 3 of this brochure.

### CHS REQUIRED CREDITS

DEPARTMENT	# OF CREDITS
Digital Literacy	0.5*
English	4
Music Appreciation	0.5
Art Appreciation	0.5
Math	4
Physical Education	0.5
Personal Finance	0.5*
Personal Fitness	0.5
Religion	4
Science	3
Social Studies	3.5
<b>ELECTIVES</b>	<b>4.5</b>
<b>TOTAL</b>	<b>26</b>

\* Graduation requirement for Class of 2021 and after

Codes Used to Indicate Inclusion in the Florida Core:

- EC - A course considered part of the Florida Core
- EC\* - A weighted course considered part of the Florida Core
- ECe - A course considered a Florida Core elective
- ECe\* - A weighted course considered a Florida Core elective
- BE - Bright Futures

## COURSE OFFERINGS – 2019-20

Course No.	Department/Course	Level	Sem.	Credit	Course No.	Department/Course	Level	Sem.	Credit
<b>ADAPTIVE EDUCATION</b>					<b>MATHEMATICS</b>				
7111 & 7112	Learning Strategies I (9)	CP	1 & 2	1	<i>Additional courses available through the Florida Virtual Schools</i>				
7121 & 7122	Learning Strategies II (10)	CP	1 & 2	1	2141 & 2142	General Math I (9-10)	G	1 & 2	1
7131 & 7132	Learning Strategies III (11)	CP	1 & 2	1	2241 & 2242	General Math II (10)	G	1 & 2	1
7141 & 7142	Learning Strategies IV (12)	CP	1 & 2	1	2151 & 2152	Algebra 1-A (9-10)	CP	1 & 2	1
<b>ENGLISH</b>					2251 & 2252	Algebra I-B CP (10-12)	CP	1 & 2	1
<i>Additional courses available through the Florida Virtual Schools</i>					2121 & 2122	Algebra I ACP (9-12)	ACP	1 & 2	1
1111 & 1112	English I Honors (H) (9)	H	1 & 2	1	2011 & 2012	Algebra I (H) (9)	H	1 & 2	1
1121 & 1122	English I ACP (9)	ACP	1 & 2	1	2331 & 2332	Geometry (10-12)	CP	1 & 2	1
1131 & 1132	English I CP (9)	CP	1 & 2	1	2221 & 2222	Geometry (10-12)	ACP	1 & 2	1
1141 & 1142	English I G (9)	G	1 & 2	1	2111 & 2112	Geometry (H) (9-10)	H	1 & 2	1
1211 & 1212	English II (H) (10)	H	1 & 2	1	2341 & 2342	Algebra II (10-12)	CP	1 & 2	1
1221 & 1222	English II ACP (10)	ACP	1 & 2	1	2321 & 2322	Algebra II (10-12)	ACP	1 & 2	1
1231 & 1232	English II CP (10)	CP	1 & 2	1	2211 & 2212	Algebra II (H) (10-11)	H	1 & 2	1
1241 & 1242	English II G (10)	G	1 & 2	1	2611 & 2612	Personal Finance (10-12)	ACP	1 or 2	1/2
1321 & 1322	English III (11)	ACP	1 & 2	1	2441 & 2442	Advanced Algebra with Financial Applications (11-12)	CP	1 & 2	1
1331 & 1332	English III (11)	CP	1 & 2	1	2421	Trigonometry (H) (11-12)	H	1	1/2
1341 & 1342	English III (11)	G	1 & 2	1	2351 & 2352	Precalculus (H) (11-12)	H	1 & 2	1/2
1421 & 1422	English IV (12)	ACP	1 & 2	1	2422	Probability & Statistics (11-12) (H)		2	1/2
1431 & 1432	English IV (12)	CP	1 & 2	1	AP2411 & AP2412	AP Calculus AB (12)	H	1 & 2	1
1441 & 1442	English IV (12)	G	1 & 2	1	<b>PHYSICAL EDUCATION</b>				
AP1311 & AP1312	AP Language & Composition (11)	H	1 & 2	1	<i>Additional courses available through the Florida Virtual Schools</i>				
AP1411 & AP1412	AP Eng. Literature & Composition (12)	H	1 & 2	1	9211	Pers. Fitness/Co-Ed (9)		1 or 2	1/2
1611	Cinematography (10-12)	ACP	2	1/2	9311	Team Spts I Co-Ed (10-12)		1 or 2	1/2
1621	Cinematography (10-12)	CP	2	1/2	9321	Team Spts II Co-Ed (10-12)		1 or 2	1/2
1711	Creative Writing (10-12)	ACP	2	1/2	9001 9002	PE 9		1 or 2	1/2
1721	Creative Writing (10-12)	CP	2	1/2	9711	Football I (10-12)		1	1/2
1931 & 1941	Writing III & IV (11-12)	H/ACP	1 & 2	1	9721	Basketball I (10-12)		1	1/2
<b>FINE ARTS</b>					9731	Baseball I (10-12)		2	1/2
8111	Art Appreciation (9)	ACP	1 or 2	1/2	9351	Beg Volleyball Co-Ed (10-12)			2
8141 & 8142	Ceramics/Pottery I (10-12)	ACP	1 or 2	1/2	1/2				
8151	Ceramics/Pottery II (11-12)	ACP	1 or 2	1/2	9352	Int Volleyball Co-Ed (10-12)		2	1/2
8171 & 8172	Fabrics/Fibers I (10-12)	ACP	1 or 2	1/2	9611	Weight Training I (10-12)		1	1/2
8401	Music Appreciation (9-10)		1 or 2	1/2	9622	Weight Training II (10-12)		2	1/2
8541	Chorus IV (9-12)		1	1/2	<b>RELIGION</b>				
8431	Band III (9-12)		1	1/2	721	Scripture (9)		1	1/2
8611	Guitar I (9-12)		2	1/2	7011	Who Is Jesus? (9)		2	
8621	Guitar II (10-12)		2	1/2	1/2				
8711	Theatre I (10-12)		2	1/2	7217	The –Christ in the World Today (10)		1	1/2
8721	Theatre II (11-12)		2	1/2	7224	Sacraments (10)		2	
<b>FOREIGN LANGUAGE</b>					1/2				
<i>Additional courses available through the Florida Virtual Schools</i>					741	Western Civilization (11)		1	1/2
5121 & 5122	Spanish I (10-11)	ACP	1 & 2	1	732	World Religions (11)		2	1/2
5131 & 5132	Spanish I (10-11)	CP	1 & 2	1	731	Philosophy (12)		1	1/2
5221 & 5222	Spanish II (11-12)	ACP	1 & 2	1	742	Sociology (12)		2	1/2
5231 & 5232	Spanish II (11-12)	CP	1 & 2	1	<b>SCIENCE</b>				
5311 & 5312	Spanish III (H) (12)	H	1 & 2	1	<i>Additional courses available through the Florida Virtual Schools</i>				
5241 & 5242	Spanish IV (H) (12)	H	1 & 2	1	3121 & 3122	Earth Science (9)	ACP	1 & 2	1
5411 & 5412	French I (10-12)	ACP	1 & 2	1	3131 & 3132	Earth Science (9)	CP	1 & 2	1
5421 & 5422	French II (11-12)	ACP	1 & 2	1	3141 & 3142	Earth Science (9)	G	1 & 2	1
5431 & 5432	French III (H) (11-12)	H	1 & 2	1	3151 & 3152	Integrated Science I (9)	H	1 & 2	1
5611 & 5612	Latin I (10-12)	ACP	1 & 2	1	3111 & 3112	Physical Science (H) (9)	H	1 & 2	1
5621 & 5622	Latin II (11-12)	ACP	1 & 2	1	3211 & 3212	Biology I (H) (10)	H	1 & 2	1
5631 & 5632	Latin III (11-12)	H	1 & 2	1	3221 & 3222	Biology I (10)	ACP	1 & 2	1
5711 & 5712	Chinese I (10-12)	ACP	1 & 2	1	3231 & 3232	Biology I (10)	CP	1 & 2	1
5721 & 5722	Chinese II (10-12)	ACP	1 & 2	1	3241 & 3242	Biology I (10)	G	1 & 2	1
					3311 & 3312	Chemistry (H) (11)	H	1 & 2	1
					3321 & 3322	Chemistry (11-12)	ACP	1 & 2	1
					3441 & 3442	Chemistry (11-12)	CP	1 & 2	1

Course No.	Department/Course	Level	Sem.	Credit	Course No.	Department/Course	Level	Sem.	Credit
<b>SCIENCE - Continued</b>					<b>SOCIAL STUDIES - Continued</b>				
3511	Anatomy & Phys I (11-12)	H	1	1/2	479 & 4791	Florida History (11-12)	ACP/CP	1	1/2
3512	Anatomy & Phys II (H) (11-12)	H	2	1/2	6711	Law Studies (10-12)	ACP	1	1/2
3522	Genetics (H) (11-12)	H	2	1/2	6712	Marketing (10-12)	ACP	2	1/2
3921	Marine Science I (11-12)	ACP	1	1/2	<b>TECHNOLOGY</b>				
3931	Marine Science I (11-12)	CP	1	1/2	<i>Additional courses available through the Florida Virtual Schools</i>				
3922	Marine Science II (11-12)	ACP	2		6121	Digital Literacy I (9)		1	1/2
1/2					6217	Photography & Digital Video Produc. (10-12) ACP/CP/G		2	1/2
3932	Marine Science II (11-12)	CP	2		6651	Introduction to Computer Science (10-12) H ACP		2	1/2
1/2					6118/6218	Mobile App Develop. (10-12) H ACP		1	1/2
3721	Env. Science I (10-12)	ACP	1	1/2	6119/6219	Cybersecurity Fundam. (10-12) H ACP		2	1/2
3731	Env. Science I (10-12)	CP	1	1/2	AP6211 & AP6212	AP Computer Science Principles (Gr 10-12) (AP)		1 & 2	1
3722	Env. Science II (10-12)	ACP	2		<b>FLORIDA VIRTUAL SCHOOL REMEDIATION COURSES</b>				
1/2					9993 & 9994	FVS-Algebra I		1 & 2	1
3732	Env. Science II (10-12)	CP	2		9993 & 9994	FVS-Algebra II		1 & 2	1
1/2					9993 & 9994	FVS- American History		1 & 2	1
3531 & 3532	Space Technology & Engineering (11-12)	H	1 & 2	1	9993 & 9994	FVS- Digital Information Technology		1 & 2	1
					9993 & 9994	FVS- Chemistry I		1 & 2	1
I-3621 & II-3622	Robotics I & II (H) (10-12)	H	1 & 2		9993 & 9994	FVS- English I		1 & 2	1
1/2					9993 & 9994	FVS- English II		1 & 2	1
I-3623 & II-3624	Robotics I & II (10-12)	ACP	1 & 2	1/2	9993 & 9994	FVS- English III		1 & 2	1
III-3661 & IV-3662	Robotics III & IV (H) (10-12)	H	1 & 2		9993 & 9994	FVS- Geometry		1 & 2	1
1/2					9993 & 9994	FVS- Personal Fitness		1 or 2	1/2
III-3651 & IV-3652	Robotics III & IV (10-12)	ACP	1 & 2	1/2	9993 & 9994	FVS- Spanish I		1 & 2	1
					9993 & 9994	FVS- Spanish II		1 & 2	1
3421 & 3422	Physics (H) (12)	H	1 & 2	1	9993 & 9994	FVS- World History		1 & 2	1
AP3411 & AP3412	AP Physics I (H) (12)	H	1 & 2	1	9993 & 9994	FVS- Music of the World		1 or 2	1/2
<b>SOCIAL STUDIES</b>					<b>FLORIDA VIRTUAL SCHOOL ENRICHMENT COURSES</b>				
<i>Additional courses available through the Florida Virtual Schools</i>					9993 & 9994	FVS-AP Art History		1 or 2	1/2
4111	World Geography (H) (9)	H	1 or 2	1/2	9993 & 9994	FVS-AP Biology		1 & 2	1
4121	World Geography (9)	ACP	1 or 2	1/2	1				
4131	World Geography (9)	CP	1 or 2	1/2	9993 & 9994	FVS-AP English Lang and Comp **		1 & 2	1
4141	World Geography (9)	G	1 or 2	1/2	9993 & 9994	FVS-AP English Lit and Comp**		1 & 2	1
AP4211 & AP4212	AP World History (H) (10)	H	1 & 2	1 & 2	9993 & 9994	FVS-AP Macroeconomics		1 or 2	1/2
1					9993 & 9994	FVS-AP Microeconomics		1 or 2	1/2
4221 & 4222	World History ACP (10)	ACP	1 & 2	1	9993 & 9994	FVS-Fitness Lifestyle Design		1 or 2	1/2
4231 & 4232	World History CP (10)	CP	1 & 2	1	9993 & 9994	FVS-Life Management Skills		1 or 2	1/2
4241 & 4242	World History G (10)	G	1 & 2	1	<b>**These courses are only for students who do not qualify for the CHS DE/AP English courses.</b>				
AP4351 & AP4352	AP US History (H) (12)	H	1 & 2	1					
4321 & 4322	American History (11)	ACP	1 & 2	1					
4331 & 4332	American History (11)	CP	1 & 2	1					
4341 & 4342	American History (11)	G	1 & 2	1					
AP4411	AP American Govern. (H) (11)	H	1 or 2	1/2					
4421	Amer Nat'l Govern. (12)	ACP	1 or 2	1/2					
4431	Amer Nat'l Govern. (12)	CP	1 or 2	1/2					
4441	Amer Nat'l Govern. (12)	G	1 or 2	1/2					
AP4412	AP Macro Economics (11)	H	1 or 2						
1/2									
4422	Economics (12)	ACP	1 or 2	1/2					
4432	Economics (12)	CP	1 or 2	1/2					
4442	Economics (12)	G	1 or 2	1/2					
4611	Contemp. Issues (11-12)	ACP/CP	2	1/2					

All courses offered by CHS in 2019-2020 are semester courses and will be averaged as such. Therefore, in the event of failure, one session of summer school must be attended for each semester course failed. Those that were formerly year courses have two course numbers indicated. Both numbers must be entered on the Course Selection Sheet when registering for these courses.

#### POLICIES FOR COURSE CHANGES

Students and parents are given an extended opportunity each year during the second semester to consider the program for the following year. Budget requirements and teacher assignments are based on student course selections. Students and parents are therefore advised that course selections made at the time of registration in the spring are considered final. If a student determines that a course change is necessary, the following policies and procedures are required:

1. No request will be honored which involves a change from one section of a course to another section of the same course.
2. No course can be substituted for a required course.
3. Written permission from parents on forms procured from the Scheduling Office must be presented.
4. A \$25 fee for course registration change must be presented in all cases except where this change was initiated by administrative decision.

## ADAPTIVE EDUCATION

The Adaptive Education Program offers support services for students who have difficulty functioning in the standard curriculum due to an identified learning disability or some other identified health impairment that could affect academic performance. Services that may be included are assistance with general education course work, delivery of prescribed accommodations, and learning strategies instruction. Acceptance in the program is based on psychoeducational testing with results current within three years, formal application, academic testing, and the recommendation from the Adaptive Education Staffing Committee.

### Learning Strategies

(Gr. 9-12) (I) 7111 & 7112; (II) 7121 & 7122;  
(III) 7131 & 7132; (IV) 7141 & 7142 (CP)

This course is designed to provide support services to students who have been identified (through psychological and academic testing) as having a learning difficulty (or other qualifying health impairment). Students receive help in a variety of study skills to enhance their academic performance in the regular classrooms. In addition, help in the various subject areas is also available.

Prerequisite: Prior Acceptance into the AE Program and Signature of AEP Teacher.

## ENGLISH

CHS requires students to complete 4 credits in English. Several elective offerings are also available.

**English I (H)** **FC\*/BF\***  
(Gr. 9) **1111 & 1112 (H)**

Students undertake an advanced study of a variety of literary forms. Reading instruction includes strategies to analyze the features of and think critically on a literary work. Vocabulary study is based on the classical roots of Greek and Latin. Writing instruction in this course is tailored to enhance each student's abilities. Students undertake research skills and examine various resources. Critical thinking and strong organizational skills are necessary for the significant amount of independent work required.

Prerequisites: Evaluation of student placement data.

**English I** **FC/BF**  
(Gr. 9) **1121 & 1122 (ACP)**

Students undertake a comprehensive study of a variety of literary forms. Reading instruction includes strategies to analyze the features of and think critically on a literary work. Vocabulary study is based on the classical roots of Greek and Latin. Writing instruction in this course is tailored to enhance each student's abilities. Students undertake research skills and examine various resources. Vocabulary study is based on the classical roots of Greek and Latin. Students undertake research skills and examine various resources.

Prerequisites: Evaluation of student placement data.

**English I** **FC/BF**  
(Gr. 9) **1131 & 1132 (CP)**

This course is designed to assist students in developing language arts skills in reading comprehension and writing. Students read and respond to a variety of literary forms. Vocabulary study is based on the classical roots of Greek and Latin. Writing instruction in this course is tailored to enhance each student's abilities. Students undertake research skills and examine various resources.

Prerequisites: Evaluation of student placement data.

**English I** **FC/BF**  
(Gr.9) **1141 & 1142 (G)**

This course is designed to assist students in developing fundamental language arts skills in reading comprehension and writing. Writing instruction in this course is tailored to enhance each student's abilities. Students read and respond to a variety of literary forms. Vocabulary study is based on the classical roots of Greek and Latin. Students undertake research skills and examine various resources.

Prerequisites: Evaluation of student placement data.

**English II (H)** **FC\*/BF\***  
(Gr. 10) **1211 & 1212 (H)**

Students undertake an advanced study of literature from a variety of literary forms. Reading instruction includes strategies to analyze the features of and think critically on a literary work. Vocabulary study is based on the classical roots of Greek and Latin. Writing instruction in this course is tailored to enhance each student's abilities. Critical thinking and strong organizational skills are necessary for the significant amount of independent work required.

Prerequisites: Minimum of a "B" average in English I Honors or an "A" average in English I (ACP) in the first semester of the current school year. The signature of the teacher is required.

**English II** **FC/BF**  
(Gr. 10) **1221 & 1222 (ACP)**

Students undertake a comprehensive study of literature from a variety of literary forms. Reading instruction includes strategies to analyze the features of and think critically on a literary work. Vocabulary study is based on the classical roots of Greek and Latin. Writing instruction in this course is tailored to enhance each student's abilities. Critical thinking and strong organizational skills are necessary for the significant amount of independent work required.

Prerequisites: Minimum of an "A" average in English I (CP) in the first semester of the current school year. The signature of the teacher is required.

**English II** **FC/BF**  
(Gr. 10) **1231 & 1232 (CP)**  
**1241 & 1242 (G)**

This course continues to assist students needing to improve language arts skills in reading comprehension and writing. Students read and respond to a variety of literary forms. Vocabulary study is based on the classical roots of Greek and Latin. Writing instruction in this course is tailored to enhance each student's abilities.

Prerequisites: Teacher approval.

**English III** **FC/BF**  
**(Gr. 11)** **1321 & 1322 (ACP)**  
**1331 & 1332 (CP)**  
**1341 & 1342 (G)**

Students undertake a study of American literature including short stories, essays, poetry, drama, and nonfiction. Reading instruction includes strategies to analyze the features of and think critically on a literary work. Vocabulary study is based on the classical roots of Greek and Latin. Writing instruction in this course is tailored to enhance each student's abilities. Students write a research paper using MLA formatting.

Prerequisites: For Course 1321 (ACP): Minimum of an "A" average in English II (CP) and teacher approval.

**English IV** **FC/BF**  
**(Gr. 12)** **1421 & 1422 (ACP)**  
**1431 & 1432 (CP)**  
**1441 & 1443 (G)**

Students undertake a study of British and world literature including short stories, essays, poetry, and drama. Students analyze the features of and think critically on a literary work. Vocabulary study is based on the classical roots of Greek and Latin. Writing instruction in this course is tailored to enhance each student's abilities. Students write a research paper using MLA formatting.

Prerequisites: For Course 1421 (ACP): Minimum of an "A" average in English II (CP) and teacher approval.

**AP Language & Composition** **FC\*/BF\***  
**(Gr. 11) Sem 1 & 2** **AP1311 & AP1312**

This course engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers. Students write in a variety of forms on diverse subjects, from personal experiences to public policies and from imaginative literature to popular cultures. Writing instruction in this course is tailored to enhance each student's abilities. Students may receive three college credits per semester for this course, through PSC and the dual enrollment English Composition I and II courses ENC1101 and ENC1102.

Prerequisites: The student must meet all PSC and CHS requirements and have a minimum of a "B" average in English II Honors in the first semester of the current school year. Teacher approval required.

**AP Literature & Composition** **FC\*/BF\***  
**(Gr. 12) Sem 1 & 2** **AP1411 & AP1412**

This course engages students in the careful reading and critical analysis of imaginative literature. Students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. The course includes an intensive study of representative works from various genres and periods. Writing instruction in this course is tailored to enhance each student's abilities. Students may receive three college credits per semester for this course through PSC.

Prerequisites: The student must meet all PSC and CHS requirements and have a minimum of a "B" average in AP1311 and AP1312 in the first semester of the current school year. Teacher approval required."

**Cinematography** **FCe**

**(Gr. 10-12) Sem 2** **1611(ACP) 1621 (CP)**

This course is designed to enhance the student's appreciation of American cinema as an art form. The art and science of filmmaking is analyzed and interpreted through an historical perspective, including the work of renowned directors and their hallmark films. Students undertake the role of director as they produce and develop their own short film. This is an elective course and does not meet the required English credits needed for graduation.

Prerequisites: English teacher approval required.

**Creative Writing** **FC**  
**(Gr. 10-12) Sem 2** **1711 (ACP) 1721 (CP)**

This course is designed to nurture students' creativity through exposure to various types of creative writing including fiction, poetry, drama, and advertising. Students strengthen their writing skills as they stretch their imaginations and powers of observation. Closely guided by the teacher, students learn techniques for writing vividly and skills to critique and analyze the work of others. This is an elective course and does not meet the required English credits needed for graduation.

Prerequisites: Teacher approval required.

**Writing III & IV** **FC/BF**  
**(Gr. 11-12) Sem 1 and 2** **1931 & 1941 (H)**

This course personally addresses the planning, fundraising and execution of the yearbook of PCHS, Charisma Express. Layouts, journalistic design, photography, sales, computerization, public relations and teamwork are essential parts of this course.

Prerequisites: "B" average in English and technology and signature from Ms. Bordelon

## FINE ARTS

CHS requires students to complete 1/2 credit in Art Appreciation and 1/2 credit in Music Appreciation.

**Art Appreciation** **FCe**  
**(Gr. 9) Sem 1 or 2** **8111**

This course develops skills in both two and three dimensional design in various media. It also includes the study of art history.

Prerequisites: A \$30 course fee.

**Art 2D Comprehensive I** **FCe**  
**(Gr. 10-12) Sem 1 or 2** **8121 & 8122**

This course is designed to develop creative expression through a wide variety of media. It will include lessons in drawing, painting, sculpture and printmaking.

Prerequisites: "B" average in Art Appreciation, signature of Art Appreciation teacher, \$35 course fee.

**Art 2D/3D Comprehensive I** **FCe**  
**(Gr. 11-12) Sem 2** **8131**

This course is designed to continue the development of student skills in drawing, painting, photography, and print-making. Production of a portfolio may be included in course work.

Prerequisites: Art Appreciation; minimum "A" average in Art 2D Comprehensive I, approval of Art 2D teacher, \$35 course fee.

**Ceramics/Pottery I** **FCe**  
**(Gr. 10-12) Sem 1 or 2** **8141 & 8142**  
This course explores hand-building methods and techniques of making pottery. It includes lectures and demonstrations on the use of clay, glazes and the kiln. The history of ceramics is included in this course.  
Prerequisites: "B" average in Art Appreciation, signature of Art Appreciation teacher, \$35 course fee.

**Ceramics/Pottery II** **FCe**  
**(Gr. 11-12) Sem 1 or 2** **8151**  
This course is designed to meet the individual needs of each student. He/she will explore pottery in a self-motivated curriculum. Students will expand their skills learned in Ceramics/Pottery I.  
Prerequisites: Art Appreciation; minimum "B" average in Ceramics/Pottery I, \$35 course fee, signature of Mr. Dodson.

**Fabrics/Fiber I** **FCe**  
**(Gr. 10-12) Sem 1 or 2** **8171 & 8172**  
This class will explore the crafts area of the arts. It will include paper mache', weaving, leather works, fabric art and other folk art.  
Prerequisites: "B" average in Art Appreciation, signature of Art Appreciation teacher, \$35 course fee.

**Music Appreciation** **FCe**  
**(Gr. 9-10) Sem 1 or 2** **8401**  
Students will learn basic music fundamentals, including rhythm, melody, harmony and note reading. Students will also study the different families of instruments, periods and styles of music, and have an overview of popular and world music.  
Prerequisites: \$10 lab fee.

**Chorus IV** **FCe**  
**(Gr. 9 – 12) Sem. 1** **8541**  
Chorus offers experience in singing and performance. Special emphasis is given to the following: techniques for singing; fundamentals of reading music; and development of individual musical ability. This course fulfills the Music Appreciation requirement.  
Prerequisite: \$30 course fee.

**Band III** **FCe**  
**(Gr. 9 – 12) Sem 1** **8431**  
Band provides students with the fundamentals of instrumental music with special emphasis on the following: major and minor scales; rhythmic patterns; fundamentals of time production; and the basic elements of music theory. Band members are required to perform at football games.  
Prerequisites: Open to those with experience playing a band instrument. Students who choose a woodwind or brass instrument must furnish their own instrument. This course fulfills the Music Appreciation requirement. \$30 course fee.

**Guitar I & II** **FCe**  
**(Gr. 9 – 12) Sem 2** **8611/8621**  
Students with little or no experience develop basic guitar skills and knowledge, including simple and full-strum

chords, bass lines and lead sheets, barre and power chords, foundational music literacy and theory, major scales, simple finger-picking patterns, and ensemble skills for a variety of music. Beginning guitarists explore the careers and music of significant performers in a variety of styles. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source.

Prerequisites: Signature of Mrs. Gordon; Guitar 1 is a prerequisite for Guitar 2.

**Theatre I & II** **FCe**  
**(Gr. 10 – 12) Sem 2** **8711/8721**  
This course is designed for students with little or no theatre experience, and promotes enjoyment and appreciation for all aspects of theatre. Classwork focuses on the exploration of theatre literature, performance, historical and cultural connections, and technical requirements. Improvisation, creative dramatics, and beginning scene work are used to introduce students to acting and character development. Incorporation of other art forms in theatre also helps students gain appreciation for other art forms, such as music, dance, and visual art.  
Prerequisites: Signature of Mrs. Gordon; Theatre 1 is a prerequisite for Theatre 2.

## FOREIGN LANGUAGE

For students desiring a 4-year college education, a minimum of two sequential years of the same foreign language is strongly recommended.

**Spanish I (ACP)** **FC/BF**  
**(Gr. 10-11)** **5121 & 5122 (ACP)**  
This course is designed for students who wish to complete a high school curriculum in Spanish. Spanish 1 ACP prepares students to develop skills of understanding, speaking, reading and writing in Spanish with emphasis on pronunciation, vocabulary building and grammatical structures as well as understanding of culture of Spanish speaking countries. Successful completion of this course will satisfy the first of the two-year foreign language requirement at a four year university.

Prerequisites: Minimum of a 'C' average in English ACP in the first semester of the current school year; signature of 1<sup>st</sup> semester English teacher. \$10 lab fee.

**Spanish I (CP)** **FC/BF**  
**(Gr. 10-11)** **5131 & 5132 (CP)**  
This course is designed for students who desire a minimum capability in Spanish. Spanish I CP stresses proper pronunciation and minimum conversational ability. One verb tense will be presented and Spanish culture will be introduced. Successful completion of this course will satisfy the first of the two-year foreign language requirement at a four-year university. Successful achievement in this course will prepare the student for Spanish II CP.

Prerequisites: Minimum of a "C" average in English in the first semester of the current school year; signature of 1<sup>st</sup> semester English teacher. \$10 lab fee.

**Spanish II (ACP) FC/BF**  
**(Gr. 11-12) 5221 & 5222 (ACP)**

This course continues developing acquired skills in Spanish I ACP, with emphasis in reading comprehension, listening comprehension, and functional fluency. Spanish is spoken extensively in classroom and complex grammar structures are introduced. Spanish II ACP prepares student's for intermediate or advanced level of Spanish.

Prerequisites: Minimum of a "C" average in Spanish I ACP in the first semester of the current school year; signature of 1<sup>st</sup> semester Spanish I teacher. \$10 lab fee.

**Spanish II (CP) FC/BF**  
**(Gr. 11 & 12) 5231 & 5232 (CP)**

This course continues developing student's conversational skills and introduces more grammar structures needed to prepare students for an intermediate conversational level of Spanish at a two-year higher education institution. Successful completion of this course will satisfy the second of the two years in foreign language required at a four years' university.

Prerequisite: Minimum of a "C" average in Spanish I CP for the first semester of the current school year.

**Spanish III (H) FC/BF**  
**(Gr. 12) (Gr. 10, 11, 12) 5311 & 5312 (H)**

This course is a continuation of Spanish II ACP with emphasis on composition, writing, conversation, Spanish Literature introduction, listening, comprehension, and translation. Spanish III prepares students for intermediate or advanced level of Spanish at a two or four year higher education institution.

Prerequisites: Minimum of "A" average in Spanish II ACP in first semester of the current school year. Approval and signature of the Spanish II teacher required. \$10 lab fee.

**Spanish IV FC/BF**  
**(Gr. 12) (Gr 11, 12) 5241 & 5242 (H)**

This advanced level course will be offered to those students who have completed Spanish III Honors if demand is substantial. Course work will be completed online with an online instructor and monitored by CHS Spanish faculty. An additional fee for the online materials and instructor will be assessed.

Prerequisites: Approval and signature of the Spanish III Honors teacher required. \$10 lab fee.

**French I FC/BF**  
**(Gr. 10 & 11) 5411 & 5412 (ACP)**

This course provides the student with a practical and functional introduction to all the fundamental skills of the language: listening comprehension, speaking, reading and writing. Grammatical structures and vocabulary are basic. Content for this course is delivered by the Florida Virtual School (FLVS) with an online FLVS instructor. Student will be monitored, kept on pace, and aided by CHS faculty in their study. Free of cost for FL residents; fee for non-FL residents.

Prerequisites: Minimum of a "B" average in Honors or in ACP English in the first semester of the current school year; signature of 1<sup>st</sup> semester English teacher. \$10 lab fee.

**French II FC/BF**  
**(Gr. 11-12) 5421 & 5422 (ACP)**

This course continues to develop skills with emphasis in reading comprehension, listening comprehension, and functional fluency. French is spoken extensively in classroom and complex grammar structures are introduced. Content for this course is delivered by the Florida Virtual School (FLVS) with an online FLVS instructor. Student will be monitored, kept on pace, and aided by CHS faculty in their study. Free of cost for FL residents; fee for non-FL residents.

Prerequisites: Minimum of a "B" average in French I in the first semester of the current school year; signature of French I teacher. \$10 lab fee.

**French III (H) FC/BF**  
**(Gr. 11-12) 5431 & 5432 (H)**

French 3 provides mastery and expansion of skills acquired by the students in French 2. Specific content includes, but is not limited to, expansions of vocabulary and conversational skills through discussions of selected readings. Contemporary vocabulary stresses activities which are important to the everyday life of the target language speaking people. Content for this course is delivered by the Florida Virtual School (FLVS) with an online FLVS instructor. Student will be monitored, kept on pace, and aided by CHS faculty in their study. Free of cost for FL residents; fee for non-FL residents.

Prerequisites: Minimum of a "B" average in French II in the first semester of the current school year; approval and signature of French II instructor. \$10 lab fee.

**Latin I FC/BF**  
**(Gr. 10-12) 5611 & 5612 (ACP)**

This course provides students with an introduction to the fundamentals of Latin grammar and a foundational vocabulary. In addition to teaching the Latin language, the course will serve to reinforce a solid understanding of English grammar and vocabulary. Specific content includes, but is not limited to: reading comprehension, simple Latin composition, concepts of grammar in general, English grammar, Latin grammar, pronunciation, and a steadily expanding grasp of vocabulary from authors of both Classical and Ecclesiastical Latin. Students will be introduced to historical and cultural elements of Latin literature. Prerequisites: Minimum of an "A" average in Honors English in the first semester of the current school year; signature of 1<sup>st</sup> semester English teacher.

**Latin II FC/BF**  
**(Gr. 10-12) 5621 & 5622 (ACP)**

This course provides students with an advanced study in Latin grammar and vocabulary. Expansion of grammar comprehension in both English and Latin will build on content covered in Latin 1 courses. Specific content includes, but is not limited to: Intermediate level reading comprehension, composition skills, advanced concepts of both English and Latin grammar, pronunciation and vocabulary expansion from authors of both Classical and Ecclesiastical Latin. Students will develop their understanding of historical and cultural elements of Latin literature. Honors students should expect significant homework and study outside of class.

Prerequisites: Minimum of a "B" average in Latin I in the first semester of the current school year; signature of 1<sup>st</sup> semester Latin teacher.

**Latin III** **FC/BF**  
**(Gr. 11-12)** **5631 & 5632 (H)**

This course provides students with an advanced study in Latin reading and comprehension. Expansion of grammar comprehension in both English and Latin will build on content covered in Latin I and II courses. Specific content includes, but is not limited to: advanced level reading comprehension, composition skills, advanced concepts of Latin grammar, significant vocabulary expansion from authors of both Classical and Ecclesiastical Latin. Students will develop their understanding of historical and cultural elements of Latin literature.

Prerequisites: Minimum of a "B" average in Latin II; signature of 1<sup>st</sup> semester Latin 2 teacher.

**Chinese I**  
**(Gr. 10-12)** **5711 & 5712 (ACP)**

In this course, students learn the basic Chinese language and culture: a general knowledge of Pinyin, Mandarin Chinese, Chinese dialects, and Chinese characters, as well as greeting people, introducing themselves to others, exchanging basic information, counting from 1 to 1000 and making simple sentences in both spoken and written Chinese. Content for this course is delivered by the Florida Virtual School and with an online instructor. Student will be monitored, kept on pace, and aided by CHS faculty in their study.

Prerequisites: Minimum of a "B" average in Honors or ACP English in the first semester of the current school year; signature of 1<sup>st</sup> semester English teacher. Free of cost to FL residents; fee for non-FL residents. \$10 lab fee.

**Chinese II**  
**(Gr. 10-12)** **5721 & 5722 (ACP)**

This course continues developing skills that students have learned in Chinese I about the basic Chinese language and culture: a general knowledge of Pinyin, Mandarin Chinese, Chinese dialects, and Chinese characters, as well as greeting people, introducing themselves to others, exchanging basic information, counting and making simple sentences in both spoken and written Chinese. Content for this course is delivered by the Florida Virtual School and with an online instructor. Student will be monitored, kept on pace, and aided by CHS faculty in their study.

Prerequisites: Minimum of a "B" average in Chinese ACP in the first semester of the current school year; English in the first semester of the current school year; signature of 1<sup>st</sup> semester Facilitator PCHS teacher. Free of cost to FL residents; fee for non-FL residents. \$10 lab fee.

## MATHEMATICS

Catholic High School requires students to complete 4 credits in Mathematics.

**General Math I & II**  
**(Gr. 9-10)** **(I) 2141 & 2142 (G)**  
**(II) 2241 & 2242 (G)**

The purpose of this course is to strengthen and teach general mathematical skills and concepts. Topics include operations of whole numbers, decimals, percents, and fractions; ratio and proportion; measurement; geometric figures; graphing; formulas and equations.

Prerequisites: Evaluation of student placement data.

**Algebra I-A** **FC/BF**  
**(Gr. 10-11)** **2151 & 2152 (CP)**

Algebra 1-A is a course designed to develop the skills necessary for success in algebra. Topics shall include operations with rational numbers, variables, ratio and proportion, percents, graphs, sets, number theories, properties of rational numbers, equations and inequalities, exponents, and evaluation of formulas.

Prerequisites: Evaluation of student placement data or signature of General Math teacher.

**Algebra I-B** **FC/BF**  
**(Gr. 10-12)** **2251 & 2252 (CP)**

This course emphasizes the development of basic algebra skills. Topics include operations with real numbers, simplifying expressions, solving equations, factoring polynomials, solving quadratic equations, and graphing linear equations. A TI-30XII calculator is required for this course.

Prerequisites: Algebra 1-A and signature of Algebra 1-A teacher.

**Algebra I** **FC/BF**  
**(Gr. 9-12)** **2121 & 2122 (ACP)**

This course provides the foundation for more advanced mathematics courses. Topics include operations with real numbers, algebraic expressions, solving equations and inequalities in one variable, operations with and factoring of polynomials, solving polynomial equations, solving rational equations, graphing linear equations, solving and graphing systems of linear equations, operations with radicals, and solving quadratic equations using radicals. A TI-30XII calculator is required for this course.

Prerequisites: Evaluation of student placement data or signature of current math teacher.

**Algebra I (H)** **FC\*/BF\***  
**(Gr. 9)** **2011 & 2012 (H)**

This *honors* course provides a rigorous and in-depth study of Algebra, emphasizing problem solving skills as a foundation for advanced math courses. Topics include operations with real numbers, algebraic expressions, solving equations and inequalities in one variable, operations with and factoring of polynomials, solving polynomial equations, solving rational equations, graphing linear equations and inequalities, understanding relations, functions and variation, graphing and solving systems of linear equations, operations with radicals, and solving and graphing quadratic equations and functions. A TI-30XII calculator is required for this course.

Prerequisites: Evaluation of student placement data.

**Geometry** **FC/BF**  
**(Gr. 10-12)** **2331 & 2332 (CP)**

This course emphasizes the use of basic geometric skills as tools in solving real-world problems. Topics shall include properties of lines, triangles, quadrilaterals, and circles; congruence and similarity; perimeter, area and volume; coordinate geometry; and constructions. A TI-30XII calculator is required for this course.

Prerequisites: Algebra 1 CP and signature of Algebra 1 CP teacher.



**Geometry** **FC/BF**  
**(Gr. 10-12)** **2221 & 2222 (ACP)**

Geometry is a course that emphasizes critical thinking skills and deductive reasoning in the discovery of geometric relationships. Topics include logic and reasoning, the study of the Euclidean Geometry of lines, planes, angles, triangles, similarity, congruence, geometric inequalities, polygons and circles, area and volume, and constructions. A TI-30XII calculator is required for this course.

Prerequisites: Minimum of "C" average in Algebra I (ACP) and signature of Algebra I (ACP) teacher.

**Geometry (H)** **FC\*/BF\***  
**(Gr. 9-10)** **2111 & 2112 (H)**

This *honors* course provides an in-depth study of geometry with emphasis on geometric proofs and problem solving. Topics include logic and reasoning, the study of the Euclidean Geometry of lines, planes, angles, triangles, similarity, congruence, geometric inequalities, polygons and circles, area and volume, and constructions. A TI-30X II calculator is required for this course.

Prerequisites: Evaluation of student placement data or minimum of a "B" average in Algebra I (H) with signature of Algebra I (H) teacher.

**Algebra II** **FC/BF**  
**(Gr. 10-12)** **2341 & 2342 (CP)**

This course provides students further study in the language and processes of Algebra. Topics include linear equations and inequalities, linear functions and inequalities, solving and graphing quadratic equations, operating with polynomial expressions, operating with rational expressions, simplifying expressions involving powers, roots, and fractions, and simplifying and operating with exponential and logarithmic functions. A TI-84 graphing calculator is required for this course.

Prerequisites: Minimum of a "C" average in Geometry CP and signature of Geometry CP teacher.

**Algebra II** **FC/BF**  
**(Gr. 10-12)** **2321 & 2322 (ACP)**

This course continues the study of the structure of algebra and provides the foundation for applying these skills to other mathematical and scientific fields. Topics include the real number system, relations, functions and graphs, polynomials and rational expressions, quadratic equations and inequalities, rational and irrational exponents, logarithms, complex numbers, and word problems. A TI-84 Plus graphing calculator is required for this course.

Prerequisites: Minimum of a "C" average in Geometry ACP and signature of Geometry ACP teacher.

**Algebra II (H)** **FC\*/BF\***  
**(Gr. 10-11)** **2211 & 2212 (H)**

This *honors* course provides a rigorous in-depth study of the topics of Algebra II with emphasis on theory, proof, and development of formulas, as well as their application. Topics shall include, but not be limited to Algebraic structure, first-degree equations, systems of equations and inequalities, functions, logarithms, complex numbers, conic sections, probability and matrices. A TI-84 Plus graphing calculator is required for this course.

Prerequisites: Minimum of a "B" average in Algebra I (H) and Geometry (H) and signature of Algebra I(H) and Geometry (H) teachers.

**Personal Finance**  
**(Gr. 10-12) (Sem 1 or 2)** **2611 & 2612 (ACP)**

In this introductory finance course, students study basic principles and best practices for managing personal finances. They develop core skills in creating budgets, formulating long-term financial plans, and making responsible choices about income and expenses. They gain a deeper understanding of credit, investments, taxes, and spending in order to understand the impact of individual choices on occupational goals and future earnings potential.

**Advanced Algebra with Financial Applications** **FC/BF**  
**(Gr. 12)** **2441 & 2442 (CP)**

This course is designed for students to further their Algebra skills while at the same time, developing mathematical competence in problem solving, communications, and reasoning related to the consumer and business world. Topics include the purchase and sale of goods and services, banking, credit, investments, insurance, personal income, taxes and budgeting

**Trigonometry (H)** **FC\*/BF\***  
**(Gr. 11-12) Sem 1** **2421(H)**

This is an *honors* course designed to provide students with the study of trigonometric functions and their applications. Topics include solutions of right and oblique triangles, fundamental identities, graphs of functions, trigonometric equations and vectors A TI-84 Plus graphing calculator is required for this course.

Prerequisites: Minimum of a "C" average in Algebra II (ACP) and signature of Algebra II (ACP) teacher.

**Precalculus (H)** **FL\*/BF\***  
**(Gr. 11-12)** **2351 & 2352 (H)**

This honors course includes the study of trigonometric, geometric, and algebraic techniques needed to prepare students for the study of calculus. It strengthens students' conceptual understanding of problems and mathematical reasoning. It is especially important for students intending to study calculus, physics, other sciences, and/or engineering, in college. Topics include: trigonometric functions, their graphs, and their use in applications, polynomial, piecewise, rational, radical, exponential, and logarithmic functions; conic sections, and applications of vectors. Special emphasis is given to finding algebraic and trigonometric models for real-world data and using these models to predict future behavior. A TI-84 Plus graphing calculator is required for this course.

Prerequisites : Minimum of a "B" average in Algebra II (H) and signature of Algebra II (H) teacher.

**Probability & Statistics (H)** **FC\*/BF\***  
**(Gr. 11-12) Sem 2** **2422 (H)**

This course is designed for college bound students interested in Business and the Social and Life Sciences. Topics will include simple probability, measures of central tendency and dispersions, frequency distributions, normal distributions, and hypothesis testing. A TI-84 Plus graphing calculator is required for this course.

Prerequisites: Minimum of "C" average in Algebra II and signature of Algebra II teacher.

**AP Calculus AB (AP)****FC\*/BF\*****(Gr. 12)****AP2411 & AP2412 (H)**

This AP course is recommended for seniors who excel in mathematics and wish to pursue mathematics related careers. Topics to be addressed include: analysis of graphs, limits and functions, techniques of differentiation, derivatives at a point, interpretations of differential equations via slope fields, interpretations and properties of definite integrals, applications of integrals, techniques of anti-differentiation, applications of anti-differentiation, numerical approximations of definite integrals, and the Fundamental Theorem of Calculus. A TI-84 Plus graphing calculator is required for this course.

Prerequisites: Minimum of "B" in Accelerated Trigonometry (H) and Analytic Geometry (H), and signature of Accelerated Trigonometry (H) teacher.

**PHYSICAL EDUCATION**

Catholic High School requires 1/2 credit in Personal Fitness and an additional 1/2 credit in any other P.E. course. Additional courses may be taken for elective credit.

**Personal Fitness (Co-Ed)****(Gr. 9) Sem 1 or 2****9211**

This is an introductory course that provides students with opportunities to develop an individual level of fitness, and to acquire knowledge of physical fitness concepts and the significance of lifestyle on one's health.

**Team Sports I & II (Co-Ed)****(Gr. 10-12) Sem 1 or 2****9311 & 9312**

The purpose of this course is to provide students with opportunities to acquire knowledge of team sports play, develop skill in the sports of soccer, basketball, softball, flag football and volleyball.

Prerequisites: Personal Fitness; no signature required.

**Football I****(Gr. 9-12) Sem 1****9711**

This course focuses on the physical and mental skills necessary to compete in Varsity Football on the interscholastic level. Study units include weight-training, basic exercise physiology, sports nutrition and the care and prevention of athletic injuries. Student must be a member of the varsity team in order to enroll in this class.

Prerequisites: Personal Fitness, signature of Coach Adams

**Basketball I****(Gr. 10-12) Sem 1****9721**

This course provides students with the opportunity to acquire and/or expand their knowledge and skills in basketball. This course is limited to students currently participating in Varsity Basketball. The content will include, but is not limited to, the history of basketball, fundamental techniques, knowledge and application of biomechanical and physiological principles in basketball.

Prerequisites: Personal Fitness and signature of Coach LaBounty.

**Baseball I****(Gr. 10-12) Sem 2****9731**

This course provides students with the opportunity to acquire and/or expand their knowledge and skills in baseball. This course is designed for students currently

participating in Varsity Baseball or students interested in participating in Varsity Baseball. The content will include, but not be limited to, history of baseball, fundamental techniques, knowledge and application of biomechanical and physiological principles in baseball.

Prerequisites: Personal Fitness and signature of Coach Currie

**Beginning Volleyball (Co-Ed)****(Gr. 10-12) Sem 2****9351**

This course provides students with the opportunity to expand and/or improve their knowledge and skills in the game of power volleyball. The content will include, but not be limited to, the history of the sport, fundamental techniques, strategies, consumer issues, and officiating techniques of power volleyball.

Prerequisites: Personal Fitness, no signature required.

**Intermediate Volleyball (Co-Ed)****(Gr. 10-12) Sem 2****9352**

This course provides students with the opportunity to expand and/or improve their knowledge and skills in the game of power volleyball. The content will include, but not be limited to, the history of the sport, fundamental techniques, strategies, consumer issues, and officiating techniques of power volleyball.

Prerequisites: Personal Fitness and Beginning Volleyball, no signature required.

**Weight Training I (Co-Ed)****(Gr. 10-12) Sem 1****9611**

This is a co-educational course that provides students with the basic knowledge and skills in weight training. The objective of this course is to improve muscular strength and muscular endurance and to begin to enhance body image.

Prerequisites: Personal Fit. and signature of Coach Kohr.

**Weight Training II (Co-Ed)****(Gr. 10-12) Sem 2****9622**

This is a co-educational course that provides students with the basic knowledge and skills in weight training. The objective of this course is to improve muscular strength and muscular endurance and to begin to enhance body image.

Prerequisites: Personal Fit. and signature of Coach Kohr.

**RELIGION**

CHS requires the study of Religion by each student each year. Seniors are required by the Religion Department to complete 40 hours of service as a course requirement. All other students are required to participate in various service projects throughout the year.

**Scripture****(Gr. 9) Sem 1****721**

The purpose of this course is to provide an overview of Sacred Scripture with an introduction to the basic principles for understanding and interpreting the Bible. Every effort is made to project a sense of the unity of the narrative with the divine plan of salvation, the presence of God's action in this record of His revelation and His desire to share His love with us.

**Who Is Jesus?**  
**(Gr. 9) Sem 2** **7011**  
 The purpose of this course is to introduce students to the mystery of Jesus Christ, The Living Word of God, the second Person of the Trinity. In this course students will understand that Jesus Christ is the ultimate revelation of God. They will also learn of and reflect on their personal call from the Lord.

**The Church – Christ in the World Today**  
**(Gr. 10) Sem 1** **7217**  
 This course provides students with an introduction to the fundamental Catholic beliefs pertaining to the Church. Continuing the ideological thread from the freshman courses, this class bridges the life of Jesus to the early Church community of faith and the Church of today.

**Sacraments**  
**(Gr. 10) Sem 2** **7224**  
 Students will understand that they can encounter Christ in a full and real way. Students will examine each of the Sacraments in detail so as to learn how they may encounter Christ throughout life.

**Western Civilization** **FC/BF**  
**(Gr. 11) Sem 1** **7412**  
 The purpose of this course is to supply the students with a general knowledge of the Church's history from the apostolic times to the present. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained throughout history through the Holy Spirit.

**World Religions** **FC/BF**  
**(Gr. 11) Sem 2** **741**  
 The purpose of this course it to help the students understand the manner in which the Catholic Church relates to non-Catholic Christians as well as to other religions of the world. The course is intended to help students recognize the ways in which important spiritual truths can also be found in non-Catholic Churches and ecclesial communities and non-Christian religions.

**Philosophy** **FC/BF**  
**(Gr. 12) Sem. 1** **731**  
 The purpose of this course is to help students understand the moral concepts and precepts that govern the lives of Christ's disciples.

**Sociology** **FC/BF**  
**(Gr. 12) Sem. 2** **742**  
 The purpose of this course is to help students understand the vocations of life: how Christ calls us to live. In this course, students will explore the married life, single life, priestly life, and consecrated life. They will be taught to live life for the benefit of others.

## SCIENCE

CHS requires a minimum of 3 credits in Science. Freshmen study Physical Science, Integrated Science, or Earth Science; Sophomores study Biology. Other courses provide additional required and elective offerings.

**Earth Science** **FC/BF**  
**(Gr. 9)** **3121 & 3122 (ACP)**  
**3131 & 3132 (CP) 3141 & 3142 (G)**  
 This course is designed to provide the student with the basic concepts involving the earth, its composition, processes, history and environment in space. Topics included will be the study of geology, meteorology, oceanography, and man's exploration into space.  
Prerequisites: Evaluation of student placement data.

**Integrated Science I (H)** **FC\*/BF\***  
**(Gr. 9)** **3151 & 3152 (H)**  
 This course is designed to provide the opportunity to investigate theories and concepts associated with Earth Science, Chemistry, and Physics. Students develop scientific knowledge by formulating questions, carrying out experiments and analyzing data.  
Prerequisites: Evaluation of student placement data.

**Physical Science (H)** **FC\*/BF\***  
**(Gr. 9)** **3111 & 3112 (H)**  
*Honors* Physical Science is a lab-oriented course designed to provide students with first-hand observations of the characteristic properties of matter, combining concepts from a variety of scientific disciplines and providing a fundamental foundation for further studies in science.  
Prerequisites: Evaluation of student placement data.

**Biology (H)** **FC\*/BF\***  
**(Gr. 10)** **3211 & 3212 (H)**  
 This honors course introduces and emphasizes the biological basis of cellular organisms. The evolutionary origins, anatomy, and physiology of members of the five kingdoms form the basis of the course. Also emphasized are the investigative and inquiry methods of study, the scientific method, and scientific experimentation.  
Prerequisites: Minimum of a "B" average in Physical Science in the first semester of the current school year and signature of the Physical Science teacher or an "A" in the first semester of Integrated Science and signature from the I.S. teacher.

**Biology I** **FC/BF**  
**(Gr. 10)** **3221 & 3222 (ACP)**  
 This course surveys the basics of cellular biology, the classification system and members of the five-kingdom system. Included are units on botany, invertebrates, and vertebrates including humans.  
Prerequisites: Signature of Earth Science teacher.

**Biology I** **FC/BF**  
**(Gr. 10)** **3231 & 3232 (CP)**  
**3241 & 3242 (G)**  
 This course surveys the basics of cellular biology, the classification system and members of the five-kingdom system. Included are units on botany, invertebrates, and vertebrates including humans.  
Prerequisites: Signature of Earth Science teacher.

**Chemistry (H)** **FC\*/BF\***  
**(Gr. 11)** **3311 & 3312 (H)**  
 This honors course will include an intensive study of

fundamental theoretical and experimental principles stressing inductive reasoning in the investigation of chemical systems. Topics to be studied include atomic theory, structure of matter, periodicity, bonding, chemical reactions and equilibrium, kinetics and solution chemistry. Mathematical applications of chemical concepts and laboratory experience form an essential part of the course.  
Prerequisites: Minimum of a "B" average in Algebra I (H) and a minimum of a "B" average in Biology I (H); Signature of Biology teacher and Math teacher.

**Chemistry** **FC/BF**  
**(Gr. 11-12)** **3321 & 3322 (ACP)**

This general introductory course stresses reasoning and the investigation of chemical systems. It is intended to provide a preparation and experience for the college-bound student. Topics to be studied include atomic theory, structure of matter, periodicity, bonding, chemical reactions, equilibrium and solution chemistry. Laboratory experience forms an integral part of this course.  
Prerequisites: Minimum of a "C" average in Algebra I; taking ACP Algebra II concurrently and minimum of a "C" in Biology I in the first semester of the current school year; Signature of current science teacher.

**Chemistry** **FC/BF**  
**(Gr. 11-12)** **3441 & 3442 (CP)**

This course is designed to introduce students to the fundamental principles of chemistry and to show students how chemistry is applied in their lives and society. Laboratory experience forms an essential part of the course.  
Prerequisites: Signature of Biology teacher

**Anatomy & Physiology I (H)** **FC\*/BF\***  
**(Gr. 11-12) Sem 1** **3511**

This is an Honors course designed to provide an introduction to an understanding of the human body, the structure and function of the cell, skeletal, muscular and nervous systems. Lab experimentation and dissection forms an integral part of the course.  
Prerequisites: Minimum of "B" average in Biology I (H) or an "A" average in Biology I (ACP) in the 1st semester of the current school year. Signature of 1st semester Science Teacher.

**Anatomy & Physiology II (H)** **FC\*/BF\***  
**(Gr. 11-12) Sem 2** **3512 (H)**

This course continues the study of the structure and function of the human body, digestive system, respiratory system, circulatory system, endocrine system, and reproductive systems. Lab experimentation and dissection is an integral part of the course.  
Prerequisites: Human Anatomy & Physiology I; Signature of first semester Science teacher.

**Genetics (H)** **FC\*/BF\***  
**(Gr. 11-12) Sem 2** **3522 (H)**

This *honors* course will provide an intensive study into the fundamentals of genetics and heredity. Topics will include genetic crosses and probability, the chromosome and gene theory, human genetics, genetic disorders, applied genetics, controlled breeding and cloning. Lab. experience will be included in this class.

Prerequisites: Minimum of a "B" average in Biology I (H) or an "A" average in Biology I (ACP) in the first semester of the current school year or signature of first semester Science teacher.

**Marine Science I** **FC/BF**  
**(Gr. 11-12) Sem 1** **3921 (ACP) 3931 (CP)**

This course introduces the basics of oceanography emphasizing various ecosystems of the ocean including: shorelines, the deep sea, the poles, coral reefs and mangrove swamps.  
Prerequisites: Signature of Biology I teacher

**Marine Science II** **FC/BF**  
**(Gr. 11-12) Sem 2** **3922 (ACP) 3932 (CP)**

This course provides an in-depth study of marine animals. Topics will include marine invertebrates, fish, sharks, shark behavior, marine reptiles, and marine mammals. Laboratory study and observation of marine animals forms an integral part of this course.  
Prerequisites: Marine Science I and signature of Biology I teacher.

**Environmental Science I** **FC/BF**  
**(Gr. 10-12) Sem 1** **3721 (ACP) 3731 (CP)**

This course is designed to introduce students to major ecological concepts and the environmental problems that affect the world in which they live. Students will learn about technological developments that have created environmental problems as well as the technology that is helping to solve them.  
Prerequisites: Signature of first semester Science teacher.

**Environmental Science II** **FC/BF**  
**(Gr. 10-12) Sem 2** **3722 (ACP) 3732 (CP)**

This course will emphasize current issues in environmental science. Topics include: aquatic environments, case studies of waters of the United States, water use, and energy use.  
Prerequisites: Signature of first semester Science teacher.

**Space Technology & Engineering I (H)** **FC/BF**  
**(Gr. 11-12) Sem. 1** **3531**

This course will provide students with an insight into the various fields of engineering. Students will develop engineering problem-solving skills using both traditional and technologically advanced tools and use these various skills to build projects. Topics include: The history of engineering, aeronautical engineering, environmental engineering, bridge design, and consumer product development.  
Prerequisites: An "A" in Algebra II (ACP), or "B" in Algebra II (H). Signature of current Science teacher.

**Space Technology & Engineering II (H)** **FC/BF**  
**(Gr. 11-12) Sem. 2** **3532**

This course continues the exploration into the various fields of engineering. Students will develop engineering problem-solving skills using both traditional and technologically advanced tools and use these various skills to build projects. Topics include: Engineering ethics, space exploration, engineering environmental impact issues, problem solving using real-case scenarios, and computer related applications.  
Prerequisites: Space Technology and Engineering I.

**Robotics I & II (H) (ACP)**  
(Gr. 10-12) Sem 1 or 2

I-3621 & II-3622 (H)  
I-3623 & II-3624 (ACP)

This course will introduce students to the fundamentals of robotics. Students will develop skills in the areas of robotic design, programming, construction, marketing, and problem solving. Involvement in robotic competitions will be a required part of this course and require after school and competition day participation. Students who take this class could also take the class again the following school year. There is an extra requirement for Honors students.

Prerequisites: Signature from the student's current science teacher. \$30 course fee.

**Robotics III & IV (H) (ACP)**  
(Gr. 10-12) Sem 1 or 2

III-3661 & IV-3662 (H)  
III-3651 & IV-3652 (ACP)

Students will continue to build skills in the areas of robotic design, programming, construction, marketing, and problem solving. Involvement in robotic competitions will be a required part of this course and require after school and competition day participation. There is an extra requirement for Honors students.

Prerequisites: Signature of Robotics I or II teacher. \$30 course fee.

**Physics (H)**  
(Gr. 12)

FC\*/BF\*  
3421 & 3422 (H)

This *honors* course provides students with an introductory study of the theories and laws governing the interaction of matter, energy, and the forces of nature. Topics will include kinematics, dynamics, energy, work and power, heat and thermodynamics, wave characteristics, light, electricity, magnetism, nuclear physics and sound.

Prerequisites: Minimum of a "B" average in Chemistry in the (ACP) first semester of the current school year; concurrent enrollment in Trigonometry; Signature of Chemistry teacher.

**AP Physics 1 (H)**  
(Gr. 12)

FC\*/BF\*  
AP3411 & AP3412 (H)

An in-depth study of the natural forces and their interaction with matter will be pursued while observing and discussing kinematics, dynamics: Newton's Law, circular motion and universal law of gravitation, simple harmonic motion, rotational motion, DC circuits, and mechanical waves and sounds. This *honors* course is designed for the student who is interested in physical science and/or who intends a major in science or engineering. Emphasis is placed on problem solving using the scientific method.

Prerequisites: Minimum of a "B" average in Chemistry (H) in first semester of current school year; concurrent enrollment in Calculus. Signature of Chemistry teacher.

## SOCIAL STUDIES

CHS requires a minimum of 3½ credits in Social Studies. Freshman study World Geography; Sophomores study World History; Juniors study U.S. History; and Seniors study American National Government and Economics. Current Events are emphasized in each Social Studies course.

**World Geography (H)**  
(Gr. 9) Sem 1 or 2

FC/BF  
4111 (H)

The basic principles and skills of geography are covered in this *honors* course as well as a survey of the major cultural regions of the world. Emphasis and in-depth study of the historical, political, economic and societal differences of these regions is highlighted, along with the major environmental issues of the day. This course requires additional reading and research. A project will be assigned each quarter.

Prerequisites: Evaluation of student placement data.

**World Geography**

(Gr. 9) Sem 1 or 2 4121 (ACP) 4131 (CP) 4141 (G)

The basic principles and skills of geography are covered in this course as well as a survey of the major cultural regions of the world. The historical, political, economic, and societal differences of these regions are highlighted. Map work and grid plotting will be emphasized as well as a study of the major environmental issues of the day. This course requires some additional reading and research.

Prerequisites: Evaluation of student placement data.

**AP World History (H)**  
(Gr. 10)

FC\*/BF\*  
AP4211 & AP4212(H)

This *honors* course considers the important social, political, and economic events in Western and non-Western history. A comparison of cultures, the effects of other countries on our history and way of life, and the lives of prominent people are stressed. First semester covers ancient history through the 1500's. Second semester continues with the French Revolution and concludes with highlights of the 20<sup>th</sup> Century. This course is intended for students with above average interest and ability in Social Studies and requires additional reading and research.

Prerequisites: Minimum of a "B" average in English I (H) and signature of English I (H) teacher and qualifying PERT score.

**World History**  
(Gr. 10)

FC/BF  
4221 & 4222 (ACP)  
4231 & 4232 (CP) 4241 & 4242 (G)

This course studies the important social, political, and economic events in Western and non-Western history. A comparison of cultures and the effects of these civilizations on our own history and way of life are studied. First semester covers ancient history through the 1500's. Second semester continues with the French Revolution and concludes with highlights of the 20<sup>th</sup> Century.

Prerequisites: Signature of current Social Studies teacher.

**AP U.S. History (H)**  
(Gr. 12) Sem 1 & 2

FC\*/BF\*  
AP4351 & AP4352

AP U.S. History integrates political, social, economic, cultural, diplomatic, and intellectual history in order to convey the experiences of particular groups within the broader perspective of the American past. AP U.S. History is a demanding introduction to American History and culture that assumes a high level of interest and competence. Because this course is equivalent to a first-year college course, students should expect that the challenge level and assignments will be commensurate with college history courses. The analytical thinking, writing, and reading skills

that students develop in AP U.S. History will equip them for college and lifelong learning. Students may receive three college credits per semester for this course through PSC.

Prerequisites: Minimum "B" average in AP Economics. Signature of current Social Studies teacher.

**American History** **FC/BF**  
**(Gr. 11)** **4321 & 4322 (ACP)**  
**4331 & 4332 (CP) 4341 & 4342 (G)**

This course covers important political, economic, and social events in U. S. History. Emphasis will be placed upon 20th Century events and upon the U.S. interaction with and dependence upon other nations of the World. First Semester covers U.S. History from the Civil War through the Great Depression. Second semester begins with the decade of the 1930's and continues through the Reagan years.

Prerequisites: Signature of Social Studies teacher.

**AP American Government** **FC\*/BF\***  
**(Gr. 11) Sem 2** **AP4411 (H)**

This course is designed for highly motivated junior honors students who seek a deeper understanding of our unique American Political system. The course will teach the foundations of the American political system from both an analytical and a theoretical perspective.

Prerequisites: Minimum "B" average in AP World History. Signature of World History teacher.

**American National Government** **FC/BF**  
**(Gr. 12) Sem 2** **4421 (ACP) 4431 (CP) 4441 (G)**

This course covers the basic structure of the federal government including branches of government, the rights and duties of citizens, the political party system and elections, the role of public opinion, and American diplomacy. Special emphasis is given to the writing of the Constitution. The role of the American citizen is studied in relation to the basic institutions of our political system. The study of international relations comprises a segment of the course through the analysis of current events.

Prerequisites: Signature of current Social Studies teacher.

**AP Macro Economics (H)** **FC\*/BF\***  
**(Gr. 11) Sem 1** **AP4412 (H)**

AP Macroeconomics students learn why and how the world economy can change from month to month, how to identify trends in the American economy, and how to use those trends to develop performance measures and predictors of economic growth or decline. They will also examine how individuals and institutions affect people, and how those factors impact employment rates, government spending, inflation, taxes, and production. AP Macroeconomics prepares students for the AP Macro Economics Exam.

Prerequisites: Minimum "B" average in AP World History or an "A" average in World History (ACP) in the first semester of the current school year, and signature of World History teacher.

**Economics** **FC/BF**  
**(Gr. 12) Sem 1** **4422 (ACP) 4432 (CP) 4442 (G)**

This course studies the basics of economics including supply and demand, economic cycles, comparative economic systems, government taxation and fiscal policies,

banking including Federal Reserve System, and government regulation of economic activity. Some time will also be spent on personal financial management.

Prerequisites: Signature of 11th grade American History teacher.

**Contemporary History** **FC/BF**  
**(Gr. 11-12) Sem 2** **4611 (ACP/CP)**

An in-depth study of the major problems and issues of the world as they currently exist is the core component of this course. Information on these issues is compiled by the class from the mass media. Historical backgrounds, current status and data and possible solutions of the issues are explored

Prerequisites: Signature of current Social Studies teacher.

**Florida History** **FC/BF**  
**(Gr. 11-12) Sem 1** **479 (ACP) 4791 (CP)**

This course will cover important political, economic, and social events in Florida History. Emphasis will be placed upon the settlement, journey to statehood and relevant 20<sup>th</sup> and 21<sup>st</sup> Century events.

Prerequisites: Signature of current Social Studies teacher.

**Law Studies** **FC/BF**  
**(Gr. 10-12) Sem 1** **6711 (ACP)**

Students learn that the American legal system is the foundation of American society. In order to function effectively, students examine those laws that have an impact on citizens' lives and are provided with an introduction to fundamental civil and criminal justice procedures.

Prerequisites: No signature required.

**Marketing** **FC/BF**  
**(Gr. 10-12) Sem 2** **6712 (ACP)**

This course is a brief introduction to marketing and the nine steps of the marketing formula.

Prerequisites: No signature required.

## TECHNOLOGY DEPARTMENT

CHS requires all students to complete one 1/2 credit course, Digital Literacy. Numerous additional Technology elective courses are available.

**Digital Literacy** **FC/BF**  
**(Gr. 9) Sem 1** **6121**

This course is designed to equip students with many of the needed skills to excel in a digital world. Students will be taught a broad range of concepts and skills from basic hardware/software concepts and configurations to diverse applications as well as the appropriate use of the internet. These include, but are not limited to: digital study skills, keyboarding, laptop care and maintenance, digital citizenship, multimedia design, short film production and basic coding.

Prerequisites: \$30 course fee

**Photography and Digital Video Production** **FC/BF**  
**(Gr. 10-12) Sem 2** **6217 (ACP/CP/G)**

An exploration of the fundamental principles, techniques

and application of digital camera-based image making. Technical skills for creating still/video products are taught, including the use of light, exposure, post-image capture processing and manipulation and script development. Students will work in groups to produce short videos/documentaries for school audiences.

Prerequisites: Completion of Digital Literacy and signature of current Math or Digital Literacy Teacher. \$30 course fee.

### **Introduction to Computer Science**

**(Gr. 10-12) Sem 2 6651 (H) (ACP)**

This course is an entry-level computer programming course, using Scratch, Alice, Jeroo and Java designed to teach students basic object oriented programming, theories, and strategies using a graphical and animated approach to learning. These strategies include problem solving, data types and variables, conditional statements, and looping. This course is specifically designed for students with no prior programming experience.

Prerequisites: Completion of Digital Literacy and signature of current H/ACP Math Teacher.

### **Mobile App Development**

**(Gr. 10-12) Sem 1 6118 (H) 6218 (ACP)**

As there are more mobile devices on the planet than people, this course helps students to understand the full power of mobile devices and their use in modern society. This course introduces students to important concepts in mobile application development. Upon completion students will be able to create basic applications for mobile devices.

Prerequisites: Completion of Digital Literacy and signature of current H/ACP Math Teacher. \$30 course fee.

### **Cybersecurity Fundamentals**

**(Gr. 10-12) Sem 2 6119 (H) 6219 (ACP)**

This course will teach trends in cybersecurity development and purpose, explaining why it is important and how it is used to secure data. Students will evaluate the trends and patterns that will determine the future state of cybersecurity and will work in a lab-based environment to critique and assess the strengths and weaknesses of general cybersecurity models.

Prerequisites: Completion of Digital Literacy and signature of current H/ACP Math Teacher. \$30 course fee.

### **AP Computer Science Principles**

**(Gr. 10-12) Sem 1 & 2 AP6211 & AP6212 (AP)**

This course introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. With a unique focus on creative problem solving and real-world applications, AP Computer Science Principles prepares students for college and career.

Prerequisites: Completion of Digital Literacy and signature of current H/ACP Math Teacher. \$30 course fee.

### **FVS-AP Art History**

This course will provide students with college level instruction in the history of art. Students will examine major forms of artistic expression from the past and present and from a variety of cultures. Students will learn to look at these works of art critically, with intelligence and sensitivity, and to articulate what they see or experience.

### **FVS-AP Biology**

You will use The Biology Place, Virtual Labs, and Biology: Concepts and Connections to complete the AP Biology course. Throughout this course you will be expected to explore many on-line sites, answer questions, reflect on issues and complete lab activities. The primary emphasis is to develop an understanding of concepts rather than memorizing terms and technical details.

### **FVS-AP English Lang and Comp \*\***

The AP Language and Composition course will provide high school students with college level instruction in studying and writing various kinds of analytic or persuasive essays on literary and nonliterary topics in language, rhetoric and expository writing. Students will become ~~(ACP)~~ readers of prose written in various periods, disciplines, and rhetorical contexts.

### **FVS-AP English Lit and Comp\*\***

Activities include reading, analyzing, writing, rewriting, and discussing creations by renowned authors. With intensive concentration on composition skills and on authors' narrative techniques.

### **FVS-AP Macroeconomics\*\***

Prepare to earn college credits while learning all the essential concepts required by the College Board.

### **FVS-AP Microeconomics**

Assignments will take the form of: discussion postings, oral quizzes, self check assignments, instruct or graded assignments, and exams. You will find these lessons and assignments in the course's 6 modules.

### **FVS-Fitness Lifestyle Design**

The goal of this course is to help you experience the benefits of exercise, good diet and proper weight.

### **FVS-Life Management Skills**

This course is all about you and the important decisions you make. It's also about having the correct information before making those decisions. We'll deal with real issues like nutrition, substance abuse, coping with stress, and what to do about sex.

\*\*These courses are only for students who do not qualify for the **CHS DE/AP English courses**.

## **FLORIDA VIRTUAL SCHOOL**

Florida Virtual School course descriptions for enrichment courses.

These course are offered free of cost to Florida Residents. There is a fee for non Florida residents