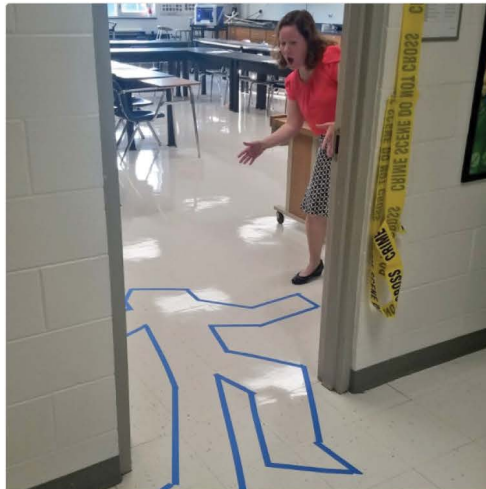


170+
COURSES IN 11
DEPARTMENTS



Jason D. Curtis
@principalcgshsnc

"Welcome Back to School" ... forensics-style.
(if you've met our Science teachers, you know
there's much more of this to come...)



9:34 AM - 10 Aug 2017

CARDINAL GIBBONS BOASTS
AN EXCELLENT
STUDENT:EDUCATOR RATIO.

14:1

Paige Derouin
@Derouin [Follow](#)

When you win quizlet live and score sweet
DNA temp tats #winning



9:41 AM - 4 Oct 2017

AP CLASSES

27
ADVANCED
PLACEMENT
CLASSES

Jon Armfield
@mramfieldcgshs [Follow](#)

Cable Car Challenge 2017!



1:31 PM - 28 Aug 2017



one - one

LAPTOP PROGRAM



Austin Faur
@austinfaur3 [Follow](#)

It was awesome having Deacon @1_mendieta
with us in class today! Thanks for joining us!



4:58 PM - 12 Jan 2018

18 | COURSE OF
19 | STUDIES

CARDINAL GIBBONS
HIGH SCHOOL



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GENERAL INFORMATION

Registration for the 2018-2019 school year takes place in February of 2018. It begins with a student assembly and the distribution of course placement and selection information.

REGISTRATION FEES

For current rising 10th-12th grade students, a registration fee of \$100 is due with the completed course selection by the registration deadline: February 16, 2018. This nonrefundable fee reserves a student's place in class for the 2018-2019 school year.

Course selections made after February 16, 2018, may not be changed except with approval from the administration and requires a \$75 course selection change fee. Please see Course Changes and Withdrawals for more information.

REGISTRATION REQUIREMENTS AND CONDITIONS

When registering for classes, students and parents should take a four-year view, keeping in mind graduation requirements and college entrance requirements. School personnel are available to assist students individually in selecting courses.

Keep the following points in mind when planning an academic program:

- The required minimum course load is six courses.
- The school reserves the right to place students in the grade level and subjects most appropriate for their school experience.
- The school reserves the right to drop elective courses for which there is insufficient enrollment or no teacher available.
- Students must obtain all necessary approval signatures before enrolling in a particular course. Review the individual course descriptions (see the Department pages) to determine which courses require prior approval of the department or instructor.

COURSE CHANGES AND WITHDRAWALS

All course changes require written approval from a student's parent and the school administration. Faculty assignments are based on student registration requests made during the previous spring, and it is difficult to reassign faculty members when class enrollments change unexpectedly. Therefore, course changes are approved only for sound academic reasons. Course changes are subject to a \$75.00 fee, which must be paid before the change takes place.

SUBMITTING COURSE SELECTION

All current rising 10th-12th grade students will select courses using PowerSchool. Students will logon and click the “Course Registration” icon to access the course selection screen. More information about selecting courses on PowerSchool will be distributed to students at the February scheduling assemblies and can be accessed from www.cghsnc.org/courseregistration. All course selections must be completed by February 16, 2018.

CHANGE IN PLACEMENT

Current teachers, using guidelines from their departments, place students in courses for the next school year. These placements are determined by one or more of the following pre-requisites: Semester 1 grade, PSAT score in Math, Evidence-based Reading and Writing, a readiness test, and/or placement in another course.

Students seeking a change in placement must contact their current teacher. Teachers will discuss with students their pre-requisite requirements and determine if a change in placement is necessary or if the student will need to submit a signed parent waiver for a change in placement

PARENT WAIVERS FOR A CHANGE IN PLACEMENT

Current students who would like to have a change in placement, but who do not meet the minimum pre-requisite requirements must have a parent contact the teacher regarding a change in placement. Once a parent and teacher have discussed the placement and potential concerns the current teacher has about a change in placement, the parent can request a Parent Waiver form for a change in placement. These forms must be signed and returned to the teacher who will enable the student to access the course selection on PowerSchool. If a student has submitted the signed waiver but still cannot select the course, contact the current teacher in that subject area for help. All parent waiver requests for a change in placement must be completed by February 16th.

Students seeking a change in placement after February 16, 2018, must contact the Assistant Principal of Instruction. Any change in placement after February 16th will incur a \$75 course change fee.

Rising 9th grade students should contact the Department Chairperson regarding any placement questions. Please see page 73 for a list of our Department Chairs.

HONORS OPTION

CGHS offers students the opportunity to enroll in honors option courses each semester. Honors Option allows students to earn honors credit (and honors course name designation) for many electives, Fine Arts and Junior and Senior Theology classes.

Honors option requirements are specific to each course and are outlined by the instructor at the start of each semester. Students will remain in the same class/period/instructor and will be required to complete the Honors Option requirements on or before the designated due date at the start of each semester. Students do not sign up for Honors Option during course registration in the spring.

HEALTH/PE DEFERMENT FOR FINE ARTS, COMPUTER AND MEDIA CLASSES

Freshmen at Cardinal Gibbons High School who wish to pursue an interest in a fine art, media, or computer sequence in lieu of the Health/PE requirement need to take two consecutive years of the same course. Upon completion of these two years in the same sequence, the Health/PE department will provide an independent study assignment in order to receive Health/PE credit. If the student does not continue in the same sequence the second year, he or she will be enrolled in Health/PE as a sophomore.

TYPES OF COURSES

Cardinal Gibbons offers three types of courses:

College Preparatory: The courses at Cardinal Gibbons High School are designed for students enrolled in a college preparatory program.

Honors: These courses represent an academic challenge for students and are weighted when calculating GPA. Students are placed in these courses by recommendations of the respective departments.

Advanced Placement (AP): These courses are weighted in GPA calculations and present college-level material according to the course requirements of the College Board AP Program. They conclude with the AP examinations. Students who perform successfully on the AP examination may receive college credit. Students are placed in these courses by recommendation of the respective departments.

CGHS GRADUATION REQUIREMENTS

Minimum requirements for Graduation: 24 credits (for students at CGHS for 4 years)

- 4 credits in Theology (one credit for each year in attendance)
- 4 credits in English
- 4 credits in Mathematics (one credit must be above Math III)
- 3 credits in Science (one must be in Biology; one must be a Physical Science: Chemistry or Physical Science)
- 3 1/2 credits in Social Studies
- 2 credits in the same World Language
- 1 credit in Fine Arts
- 1 credit in Health and Physical Education
- 1/2 credit in Technology Skills

MINIMUM UNDERGRADUATE ADMISSION REQUIREMENT

The minimum undergraduate admissions requirements at all 16 constituent institutions* of the University of North Carolina will consist of the following:

- A high school diploma or its equivalent
- 4 course units in English
- 4 credits in Mathematics (one credit must be above Math III)
- 3 credits in Science (one must be in Biology; one must be a Physical Science: Chemistry or Physical Science)
- 2 credits in Social Studies - U.S. History, Government, and Economics
- 2 credits in the same World Language

**Individual constituent institutions may require other courses in addition to the minimum requirements and, therefore, prospective students should refer to the catalogs and contact the admissions offices of any institutions to which they plan to apply. In determining the admissibility of each applicant, constituent institutions also consider factors other than courses completed, such as high school grades, scores on college entrance examinations, recommendations, and student activities.*

NORTH CAROLINA STATE BOARD OF EDUCATION NC SCHOLARS' PROGRAM

Students must have an overall four-year grade point average of 3.5 on a 4.0 scale (unweighted) and must meet the following course requirements:

- 4 credits in English
- 4 credits in Mathematics (one credit must be above Math III)
- 3 credits in Science (Biology, Chemistry or Physics, and an Earth/Environ. Science)
- 4 credits in Social Studies
- 2 credits in the same World Language
- 1 credit in Health and PE
- 4 credits in Elective Courses

- 22 Total Credits

DEPARTMENT OFFERINGS BY GRADE LEVEL

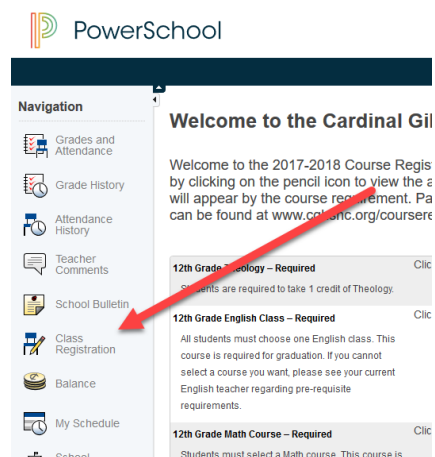
GRADE 9	GRADE 10	GRADE 11	GRADE 12
Theology	Theology	Theology	Theology
Theology 9	Theology 10	Theology 11	Peace and Justice Foundations of Catholic Worldview Christian Vocations World Religions
English	English	English	English
English 9 English 9 Honors	English 10 English 10 Honors	English 11 English 11 Honors AP English Lang and Comp	English 12 English 12 Honors AP English Lit and Comp
Math	Math	Math	Math
Essential Math I Math I Math II Math II Honors Math III Honors	Essential Math II Math II Math II Honors Math III Math III Honors Precalculus Honors	Essential Math III Math III or Math III Honors AFM or AFM Honors Precalculus or Precalculus Hon AP Calculus AB or BC	Discrete Math AFM or AFM Honors Intro to College Math Intro to Data Science Precalculus or Precalculus Hon Calculus Honors AP Calculus AB or BC MV Calculus and Diff. Eq.
Science	Science	Science	Science
Biology Biology Honors	Earth Science Earth Science Honors Chemistry Chemistry Honors	Physical Science Chemistry or Chem. Honors Physics Forensics and/or Marine Ecology AP Chemistry AP Environmental Science Physics Honors	Physics Forensics and/or Marine Ecology Honors Anatomy and Physiology AP Biology AP Chemistry AP Environmental Science Physics Honors or AP Physics C
Social Studies	Social Studies	Social Studies	Social Studies
World Geography (1/2 cred)	World History World History Honors AP World History	U.S. History U.S. History Honors AP US History	U.S. Gov. or U.S. Gov. Honors Econ or Economics Honors AP US Government
World Languages	World Languages	World Languages	World Languages
Latin I, II, III, IIIH French I, II, IIIH Spanish I, II, IIIH, III, IIIH Essential Spanish I	Latin I, II, III, IIIH, AP French I, II, IIIH, AP Spanish I, II, IIIH, III, IIIH, or AP Lang. Essential Spanish I or II	Latin I, II, III, IIIH, AP French I, II, IIIH, AP Spanish I, II, IIIH, III, IIIH, IV, or AP Lang. or Lit. Essential Spanish I or II	Latin I, II, III, IIIH, AP French I, II, IIIH, AP Spanish I, II, IIIH, III, IIIH, IV, or AP Lang. or Lit. Essential Spanish II
Fine Arts	Fine Arts	Fine Arts	Fine Arts
Dance I or II* Drama I* Tech Theater I Art I Guitar I or II* Band I or II* Percussion I or II (Band) Strings (Beg., Int. or Adv.)* Choir (Men's or Women's)* <i>*require audition</i>	Dance I, II or III Drama II Tech Theater I, II Art I or II Guitar I, II, III Band I, II, III Percussion I, II, II (Band) Strings (Beg. Int. or Adv.) Choir (Men's or Women's)	Dance I, II, III, or IVH Drama III or Musial Theatre Tech Theater I, II, III Art I, Art II, AP Art (2D, 3D, Art History), Clay, Seq. Art I, Photography or Computer Modeling Guitar I, II, III, IVH, or Performance Symphonic Band, Wind Ensemble, AP Music Theory Percussion I, II, III, IVH (Band) Strings (Beg. Int. or Adv.) Choir - Mixed Ensemble	Dance I-VH Drama III, IVH or Musical Theatre IIIH Tech Theater I, II, III, IVH Art I, Art II, AP Art (2D, 3D, Draw, Art History), Clay, Seq. Art I or II, Photography or Computer Modeling Guitar I-VH, Performance Band I-VH, AP Music Theory Percussion I-VH (Band) Strings (Beg. Int. or Adv.) Choir - Mixed Ensemble Honors
HPE	HPE	HPE	HPE
HPE I and II	Foundations of Strength and Cond.	Foundations of Strength and Cond. Fundamentals of Strength and Cond	Foundations of Strength and Cond. Fundamentals of Strength and Cond Advanced Strength and Conditioning
Business	Business	Business	Business
Technology Skills (1/2)	Business Management (1/2)	Business Management (1/2) Accounting & Business Ethics Honors (1/2) Marketing & Finance Honors (1/2)	Business Management (1/2) Accounting & Business Ethics Honors (1/2) Marketing & Finance Honors (1/2)
Computers	Computers	Computers	Computers
IT Essentials Intro to Computer Programming	IT Essentials or CCNA Honors Intro or Advanced Comp. Program.	IT Essentials, CCNA Honors, Adv CCNA Hon Intro, Advanced Comp. Program or AP Computer Science and/or STAR Intro to Engineering and Design Principles of Engineering	IT Essentials, CCNA Honors, Adv. CCNA Hon Intro, Advanced Comp. Program or AP Computer Science and/or STAR Intro to Engineering and Design Principles of Engineering
Media	Media	Media	Media
Intro to Media	Intro to Media Newspaper I Creative Video I Yearbook I	Newspaper I or II Creative Video I or II Yearbook I or II	Newspaper I, II or III Creative Video I, II or III Yearbook I, II or III
Electives	Electives	Electives	Electives
Curriculum Assistance	Curriculum Assistance	Curriculum Assistance or Study Hall Psychology and/or Sociology Intro to Film Holocaust Lit Creative Writing	Curriculum Assistance or Study Hall Psychology and/or Sociology Intro to Film Holocaust Lit Creative Writing Science Lab Assistant

POWERSCHOOL STUDENT REGISTRATION INFO

Instructions on how to register for classes using the PowerSchool Student Portal

1. Students must register on PowerSchool
2. Students must select a minimum of 6 credits.
3. Course selection is due on February 16, 2018.
4. All placement and waiver conversations with teachers should be completed by February 16, 2018.

1. Login to PowerSchool and Click the “Course Registration” icon.

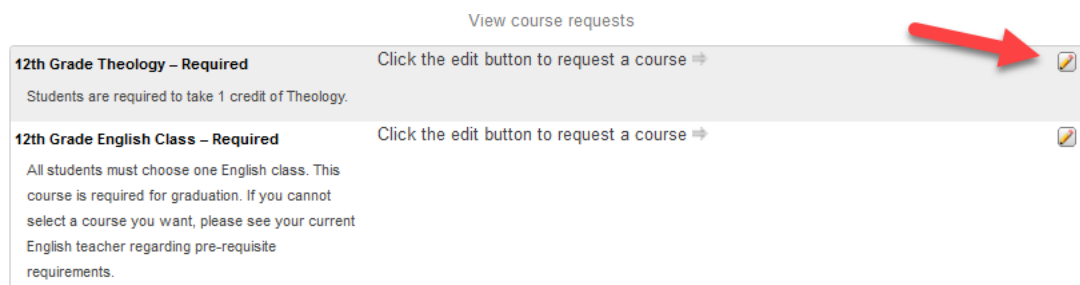


2. Read the instructions

Welcome to the Cardinal Gibbons High School Class Registration System for 2017-2018

Welcome to the 2017-2018 Course Registration System for Cardinal Gibbons High School. All students must submit course requests using this system. View the course requirements below and select a course by clicking on the pencil icon to view the available courses. Once the list of courses populates, click the radio button (circle) and click "Okay". Once you have successfully selected a course, a green check mark will appear by the course requirement. Parents must submit registration payment by submitting the online BioUpdate/Registration form and payment. Information about course registration and submitting payment can be found at www.cghsnc.org/courseregistration. Course selections are due on or before March 21, 2017.

3. Click on the first pencil icon to access the first required course: Theology



Theology - Rising 12th grade

- A. Choose two (2) semester classes for Theology and click Okay
- B. Choices should appear with a green check mark

12th Grade Theology - Required
Students are required to take 1 credit of Theology.

<input checked="" type="checkbox"/>	Course Name	Number	Course Description	Credits	Prerequisite Note	Alerts
<input type="checkbox"/>	Catholic Missions	THE420		0.5		
<input type="checkbox"/>	Foundations of Catholic Worldview	THE408		0.5		
<input type="checkbox"/>	Peace and Justice I	THE406		0.5		
<input type="checkbox"/>	World Religions	THE418		0.5		

<< first < prev 1 next > last >>

You may select 2 courses. You have selected 0 courses.

Cancel Okay

Theology - Rising 9th-11th - Theology is preselected for each student

11th Grade Theology - Required
Students are required to take 1 credit of Theology.

Theology 11
THE304 - 1 credits

Click the edit button to request a course

4. Click on the second pencil icon to access the second required course: English

- Choose one (1) English class and click Okay
- Choices should appear with a green check mark
- Placement determined by Grade and/or PSAT

11th Grade English Class - Required
All students must choose one English class. This course is required for graduation. If you cannot select a course you want, please see your current English teacher regarding pre-requisite requirements.

<input checked="" type="checkbox"/>	Course Name	Number	Course Description	Credits	Prerequisite Note	Alerts
<input type="checkbox"/>	AP English Language and Composition	ENG500		1	Students enrolled in AP English 11 must have successfully completed English 10 Honors earning a grade of B+ or better or successfully completed English 10 with a grade of A or better. Students must also earn a score of 590 on the PSAT reading section. Both of those requirements satisfy the teacher recommendation.	Prerequisites have not been met
<input type="checkbox"/>	English 11	ENG300		1	Students enrolled in English 11 must have successfully completed English 10 earning a grade of a D or better.	
<input type="checkbox"/>	English 11 Honors	ENG310		1	Students enrolled in English 11 Honors must have successfully completed English 10 Honors earning a grade of B or better or	Prerequisites have not been met

Click the box for the course you are recommended for and you want to take.

Students need teacher recommendation to select certain classes.

This sample is for a rising 11th grader. Each grade level will have access to grade level courses.

5. Repeat this process for each required class and any electives

Look at pages 11-15 to see grade level specific course requirements and as well as CG Graduation requirements

6. Complete registration and check selections

Crs Num	Course	Type	Cr Hrs	Prerequisite Notes
1. ENG501	AP English 12	Required	1.00	Students enrolled in AP English 12 must have successfully completed AP English 11 Honors earning a grade of B or better, successfully completed English 11 Honors earning a B+ or better or successfully completed English 11 earning a grade of A or better. Students must also earn a 110 combined score on PSAT. Both of those requirements satisfy the teacher recommendation.
2. MAT420	Calculus Honors	Required	1.00	Students enrolled in Calculus Honors must have successfully completed Pre-Calculus Honors earning a grade of C or better or successfully completed Pre-Calculus earning a grade of B or better. Meeting the grade requirement in any one of these two classes fulfills the requirement for a recommendation from the current math teacher.
3. SOC400	US Government	Required	0.50	All Rising Seniors are required to take US Government.
4. SOC410	Economics	Required	0.50	All Rising Seniors are required to take Economics.
5. THE400	Christian Vocation and Ministry for Lead	Required	0.50	
6. THE406	Peace and Justice	Required	0.50	
7. ART114	Introduction to Clay	Elective	1.00	This course is available for any rising Junior or Senior.
8. MED321	Yearbook III Honors	Elective	1.00	
9. SOC503	AP Environmental Science	Elective	1.00	Students enrolled in AP Environmental Science must have successfully completed Chemistry earning a grade of B+ or better or earning a B or better in Chemistry Honors in order to be recommended their Science teacher.
Total Credit Hours Requested			7.00	

Make sure these are the classes you want to take!

Students must have a minimum of 6 classes.

7. Navigating around the Course Registration Screens

Prerequisite notes - use these as a guide for placement and teacher recommendation.

Course Name	Number	Course Description	Credits	Prerequisite Note	Alerts
AP English Language and Composition	ENG500		1	Students enrolled in AP English 11 must have successfully completed English 10 Honors earning a grade of B+ or better or successfully completed English 10 with a grade of A or better. Students must also earn a score of 590 on the PSAT reading section. Both of those requirements satisfy the teacher recommendation.	Prerequisites have not been met

You can also check the PR Note from the course selection screen

11th Grade English Class - Required

All students must choose one English class. This course is required for graduation. If you cannot select a course you want, please see your current English teacher regarding pre-requisite requirements.

English 11
ENG500 - 1 credit

Click the edit button to request a course.

Accessing more classes within a course area

Art II	ART210	1	Students enrolled in Art II must have successfully completed Art I and students must obtain a teacher recommendation. Students will be able to enroll in the Honors Option for this course at the start of the semester.	Prerequisites have not been met
<input type="checkbox"/> Band I	ART152	1		
<input type="checkbox"/> Band II	ART254	1		

<< first < prev 1 2 3 4 5 next > last >>

You may select up to 2 courses. You have selected 0 courses.

Cancel Okay

directly to your PowerSchool registration by Mrs. Barkan.

11th Grade Yearlong Electives Click the edit button to request a course

Use these numbers to navigate through various screens.

Use this box to select the course you want.

When you have selected on any given screen - click "Okay"

REGISTRATION INFORMATION BY GRADE LEVEL

CLASS OF 2022 - FRESHMEN

Core Course Requirements

Department	Course	Credit
Theology	Theology 9	1.0
English	English 9 or English 9 Honors	1.0
Social Studies*	World Geography	1.0
Math	Essential Math I, Math I, Essential Math II, Math II, Math II Honors, Math III, Math III Honors, Precalculus, or Precalculus Honors	1.0
Science	Biology or Biology Honors	1.0

* World History placement for sophomore year is based on your Semester 1 English grade.

Electives - Review Course of Studies for Complete Listing

Department	Course	Credit
Fine Arts*	Tech Theater, Drama, Art, Women's and Men's Choral Ensembles, Dance, Guitar, Percussion, Strings, Band	1.0
World Languages**	French, Latin, or Spanish (Levels I-IV, Honors and AP options) **CGHS requires 2 years in the same World Language to graduate	1.0
Various	IT Essentials, Intro to Computer Programming, Intro to Media, or Curriculum Assistance	1.0

* CGHS requires 1 year of a Fine Art to graduate. Freshmen who enroll in a Fine Art commit to two years of the same Fine Art Program. See the Health and Deferment description on page #. See course descriptions regarding audition or portfolio submission in order to enroll in one of these courses.

Freshmen Required Courses

- Theology 9
- English 9 (CP or Honors)
- World Geography
- Math
- Biology (CP or Honors)
- Fine Arts, Computer, Media, *or* HPE
- World Language

CG Graduation Requirements

- 4 Credits in Theology
- 4 Credits in English
- 4 Credits in Math (*1 course above Math III*)
- 3 ½ Credits in Social Studies
- 3 Credits in Science (*Biology required & another physical science*)
- 2 Credits in the same World Language
- 1 Credit in Fine Arts
- 1 Credit in Health and PE
- ½ credit in Technology Skills

CLASS OF 2021 - SOPHOMORES

Core Course Requirements

Department	Course	Credit
Theology	Theology 10: Hebrew and Christian Scriptures	1.0
English	English 10 or English 10 Honors	1.0
Social Studies*	World History, World History Honors, AP World History	1.0
Math	Essential Math II, Math II, Math II Honors, Math III, Math III Honors, Precalculus, or Precalculus Honors	1.0
Science	Earth Science, Earth Science Honors, Chemistry, or Chemistry Honors	1.0

* World History placement is based on your 9th grade Semester 1 English grade.

Electives - Review Course of Studies for Complete Listing

Department	Course	Credit
Fine Arts*	Tech Theater, Drama, Art, Women's and Men's Choral Ensembles, Dance, Guitar, Percussion, Strings, Band	1.0
World Languages**	French, Latin, or Spanish (Levels I-IV, Honors and AP options) **CGHS requires 2 years in the same World Language to graduate	1.0
Various	Engineering and Design, IT Essentials, Intro to Computer Programming, CCNA Discovery, Intro to Media, Creative Video, Curriculum Assistance, or Study Hall	1.0

* CGHS requires 1 year of a Fine Art to graduate.

Sophomore Required Courses

- Theology
- English 10 (CP or Honors)
- World History (CP, Honors, or AP)
- Math
- Science
- Fine Arts*
 - * CGHS requires 1 year of a Fine Art to graduate. Many students take a Fine Art in their Sophomore year.

CG Graduation Requirements

- 4 Credits in Theology
- 4 Credits in English
- 4 Credits in Math (*1 course above Math III*)
- 3 ½ Credits in Social Studies
- 3 Credits in Science (*Biology required & another physical science*)
- 2 Credits in the same World Language
- 1 Credit in Fine Arts
- 1 Credit in Health and PE
- ½ credit in Technology Skills

CLASS OF 2020 - JUNIORS

Core Course Requirements

Department	Course	Credit
Theology	Theology 11	1.0
English	English 11, English 11 Honors, or AP English Language and Composition	1.0
Social Studies*	U.S. History, U.S. History Honors, or AP U.S. History	1.0
Math	Essential Math III, Math III, Advanced Functions and Modeling, Advanced Functions and Modeling Honors, Precalculus, Precalculus Honors, Calculus Honors, AP Calculus AB, or AP Calculus BC	1.0
Science	Chemistry, Chemistry Honors, AP Chemistry, Physical Science, Physics, Physics Honors, AP Environmental Science, Marine Ecology, or Forensics	1.0

Electives - Review Course of Studies for Complete Listing

Department	Course	Credit
Fine Arts*	Tech Theater, Drama, Art, Photography, Intro to Computer Modeling, Clay, Choral Ensembles, Dance, Guitar, Percussion, Strings, Band, AP Art, AP Art History, AP Music Theory	1.0
World Languages**	French, Latin, or Spanish (Levels I-IV, Honors and AP options) **CGHS requires 2 years in the same World Language to graduate.	1.0
Various	Accounting, Marketing, CCNA I and Advanced CCNA, Intro to Computer Programming, IT Essentials, Engineering and Design, Holocaust Lit, Film, Strength and Conditioning, Athletic Training, Media, Newspaper, Creative Video, Yearbook, Photojournalism, Psychology, Sociology, Curriculum Assistance, or Study Hall	.5-1.0

* CGHS requires 1 year of a Fine Art to graduate.

Junior Required Courses

- Theology 11
- English 11 (CP, Honors or AP)
- US History (CP, Honors or AP)
- Math
- Science

CG Graduation Requirements

- 4 Credits in Theology
- 4 Credits in English
- 4 Credits in Math (*1 course above Math III*)
- 3 ½ Credits in Social Studies
- 3 Credits in Science (*Biology required & another physical science*)
- 2 Credits in the same World Language
- 1 Credit in Fine Arts
- 1 Credit in Health and PE
- ½ credit in Technology Skills

CLASS OF 2019 -SENIORS

Core Course Requirements

Department	Course	Credit
Theology (Pick 2)	World Religions, Foundations of Catholic Worldview, Peace and Justice, and Catholic Vocations	1.0
English	English 12, English 12 Honors, or AP English Literature and Composition	1.0
Social Studies*	U.S. Government, U.S. Government Honors or AP Government, and Economics or Economics Honors	1.0
Math	Discrete Math, Advanced Functions and Modeling, Advanced Functions and Modeling Honors, Intro to College Math, Intro to Data Science Precalculus, Precalculus Honors, Calculus Honors, AP Calculus AB, AP Calculus BC, AP Statistics, Multivariable Calculus/Differential Equations	1.0

Electives - Review Course of Studies for Complete Listing

Department	Course	Credit
Science	AP Chemistry, Physical Science, Physics Honors, AP Physics C, AP Biology, AP Environmental Science, Anatomy and Physiology, Marine Ecology, or Forensics	1.0
Fine Arts*	Tech Theater, Drama, Art, Photography, Intro to Computer Modeling, Clay, Choral Ensembles, Dance, Guitar, Percussion, Strings, Band, AP Art, AP Art History, AP Music Theory	1.0
World Languages**	French, Latin, or Spanish (Levels I-IV, Honors, and AP options) **CGHS requires 2 years in the same World Language to graduate.	1.0
Various	Accounting, Marketing, CCNA I and Advanced CCNA, Intro to Computer Programming, IT Essentials, Engineering and Design, Holocaust Lit, Film, Strength and Conditioning, Athletic Training, Media, Newspaper, Creative Video, Yearbook, Photojournalism, Psychology, Sociology, Curriculum Assistance, or Study Hall	.5-1.0

Senior Required Courses

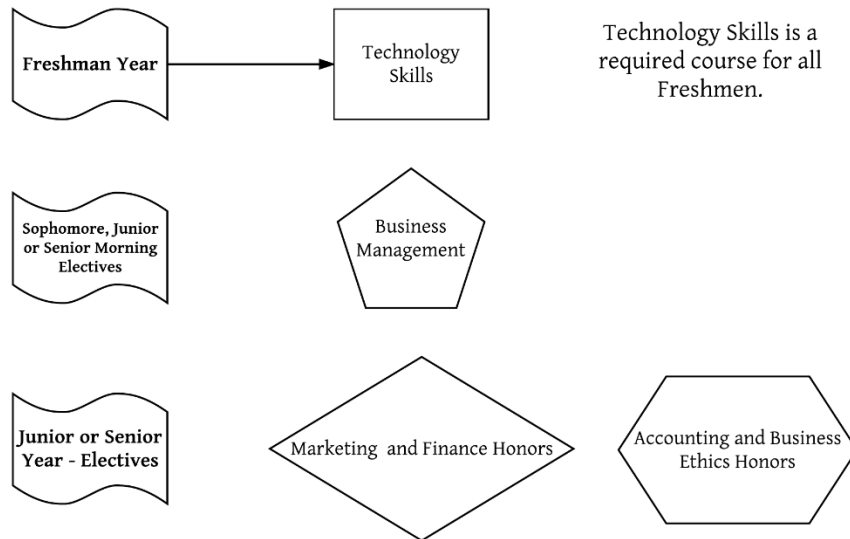
- Theology 12
- English 12 (CP, Honors or AP)
- US Government (CP, Honors or AP)
- Economics (CP or Honors)
- Math

CG Graduation Requirements

- 4 Credits in Theology
- 4 Credits in English
- 4 Credits in Math (*1 course above Math III*)
- 3 ½ Credits in Social Studies
- 3 Credits in Science (*Biology required & another physical science*)
- 2 Credits in the same World Language
- 1 Credit in Fine Arts
- 1 Credit in Health and PE
- ½ credit in Technology Skills

BUSINESS

Business Department Course Pathway



BUSINESS *(Continued)*

Course: Technology Skills

Grade Level(s): 9

Course Pre-requisites: None

Credit: 0.5

Description: Technology Skills is a semester course designed to provide all incoming students with an understanding of digital technology to develop and enhance skills in document processing, file organization, multimedia presentation, image formatting, internet navigation and research. There is a continuous focus on effective, appropriate use of the internet and social media. Throughout the semester, students engage in real-world activities to responsibly operate in digital space, emphasizing the importance of creating and maintaining a positive and professional digital footprint.

Course: Automated Accounting/Business Ethics Honors

Grade Level(s): 11, 12

Course Pre-requisites: Technology Skills

Credit: 0.5

Description: This course gives an overview of the basic principles of accounting using the computer. It teaches computerized accounting and accounting spreadsheet applications using a hands-on approach. Students will learn realistic accounting transactions for a variety of business applications and general financial statements, spreadsheets and other management information reports. Additionally, students will explore business ethics. Emphasis will be placed on critical thinking in analyzing conflicts and making ethical decisions. Topics include bioethics, entertainment, and cultural diversity. Students are exposed to a variety of primary source documents related to ethics. The ethics are integrated into the Accounting curriculum with a study of how both disciplines affect students' everyday life.

Course: Marketing and Finance Honors

Grade Level(s): 11 and 12

Course Pre-requisites: Technology Skills

Credit: 0.5

Description: This course is designed to introduce students to the basic concepts and practices, analytical methods of marketing, as well as the role of marketing in business. Students will study the foundations and functions involved in successful marketing of goods, services, and ideas to consumers and businesses. Topics covered include economics, the evolution of 20th century marketing theory and practices, marketing research, marketing strategy, consumer behavior, product planning & development, pricing, advertising, promotion, ethics, self-marketing, and career exploration. Business finance and budgeting will also be explored. Students participate in learning through class discussions, projects, case studies, current event analysis/presentations, and through industry expert guest speakers.

Course: Business Management

Grade Level(s): 10, 11, and 12

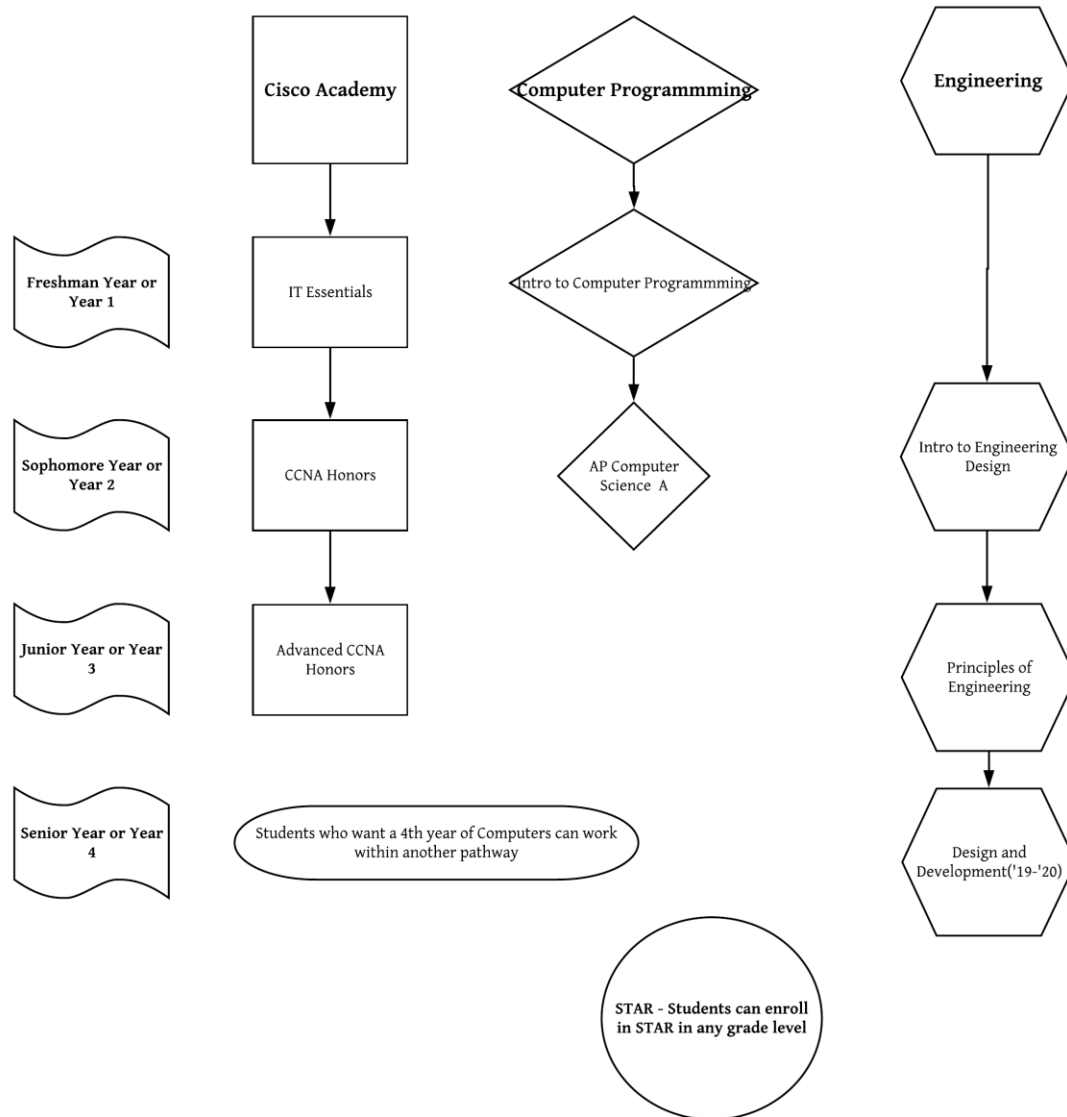
Course Pre-requisites: None

Credit: 0.5

Description: This course offers an overview for student understanding of business management, including customer relationship management, human resources management, information management, knowledge management, product-development management, project management, quality management, and strategic management. Economics, finance, and professional development are also covered throughout the course. Work-based learning strategies appropriate for this course may include cooperative education, entrepreneurship, internship, mentorship, school-based enterprise, service learning, and job shadowing. **This class is a Blended Learning Class offered from 7:05-7:50 Tuesday and Thursdays, a weekly lunch meeting and has online course requirements.**

COMPUTERS

Computer Department Course Pathway



COMPUTERS

Course: IT Essentials* (Honors Option)

Grade Level(s): ALL

Course Pre-requisites: None

Credit: 1

Description: This is a full-year course in personal computer hardware and software utilizing the Cisco Academy curriculum: IT Essentials. Topics include PC hardware maintenance, configuration, assembly and disassembly; operating systems installation, configuration and maintenance; network configuration, addressing, connections and maintenance; laptop configuration and maintenance; mobile device configuration; printer configuration and maintenance; and PC and network security. Course work will consist of lecture, independent work on the Internet, and hands-on labs. At the completion of this course, students will prepare to take the A+ exams which, if passed at an independent testing center, will qualify them for the CompTIA A+ PC Maintenance Certification. *See page 5 regarding HPE Deferment for Rising 9th grade students.

Course: CCNA Honors

Grade Level(s): 10, 11, and 12

Course Pre-requisites: IT Essentials and teacher recommendation

Credit: 1

Description: This is a full-year course in network technologies utilizing the first two of four courses in the Cisco Academy Routing and Switching curriculum: Introduction to Networks and Routing and Switching Essentials. Topics include the OSI and TCP/IP models and protocols, planning and implementing an addressing structure, configuring network switches and routers, static and dynamic routing, routing protocols, switching, virtual LANs, and network troubleshooting. Course work will consist of lecture, independent work on the Internet, and hands-on labs with state-of-the-art Cisco equipment and software. At the completion of this course, students will prepare to take the CCNA ICND1 exam. If passed

at an independent testing center, they will be qualified for a Cisco Certified Entry Network Technician (CCENT) certification.

Course: Advanced CCNA Honors

Grade Level(s): 11 and 12

Course Pre-requisites: CCNA Honors and teacher recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: This is the culminating course for students desiring an advanced study of Cisco Networking Technologies utilizing the final two of four courses in the Cisco Academy Routing and Switching curriculum: Scaling Networks and Connecting Networks. Topics include: LAN design, LAN switching (including Virtual LAN, Virtual Trunking Protocol, and (Rapid) Spanning Tree Protocol), inter-VLAN routing, and basic wireless concepts and configuration, Point-to-Point Protocol, Frame Relay, network security and Access Control Lists, Broadband services, VPN Technology, IP security protocols, IP addressing services, and network troubleshooting. Course work will consist mostly of independent work in and out of class with hands-on labs using state-of-the-art Cisco equipment and software. At the end of this course, students will prepare to take either the CCNA ICND2 Routing and Switching (if already CCENT certified) or the CCNA Routing and Switching Composite exam at an independent testing service to qualify for a Cisco Certified Network Associate (CCNA) certification.

COMPUTERS

(Continued)

Course: Introduction to Computer Programming (**Honors Option**)

Grade Level(s): ALL

Course Pre-requisites: None

PSAT: ERW- None/ Math None

Credit: 1

Description: Students will be introduced to the fundamental knowledge of algorithms, problem solving, and logic structures typical in many programming languages. Code HS introduction to computer science teaches the foundations of computer science and basic programming. Once students complete the course, they will have learned material equivalent to a semester of a college introductory course in Computer Science and be able to program in JavaScript.

Course: AP Computer Science A

Grade Level(s): 11 and 12

Course Pre-requisites: Introduction to Computer Programming

PSAT: ERW- None/ Math None

Credit: 1

Description: The AP Computer Science -AP Java course allows students a continuation from Introduction to Programming to really deepen their knowledge of programming. The curriculum focuses on object oriented programming and creating and manipulating data structures. This AP class is designed to help students master the Java programming language and equip them to successfully pass the AP Computer Science A Exam at the end of the school year.

Course: Introduction to Engineering Design (**Honors Option**)

Grade Level(s): 10, 11, and 12

Course Pre-requisites: None

PSAT: ERW- None/ Math None

Credit: 1

Description: Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use

an engineering notebook to document their work. This course is a foundation course for the Cardinal Gibbons Engineering Academy and will be a prerequisite for further courses in our Engineering Academy. Students looking for enrichment in Engineering will have opportunities with our competitive robotics team.

Course: Principles of Engineering

Grade Level(s): 11 and 12

Course Pre-requisites: Introduction to Engineering Design

PSAT: ERW- None/ Math None

Credit: 1

Description: Principles of Engineering is the second course of our Engineering Academy pathway. Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. Motivated students may further their study in our competitive robotics club.

Course: STAR (Student Technical Assistant Resource)

Grade Level(s): 10, 11, and 12

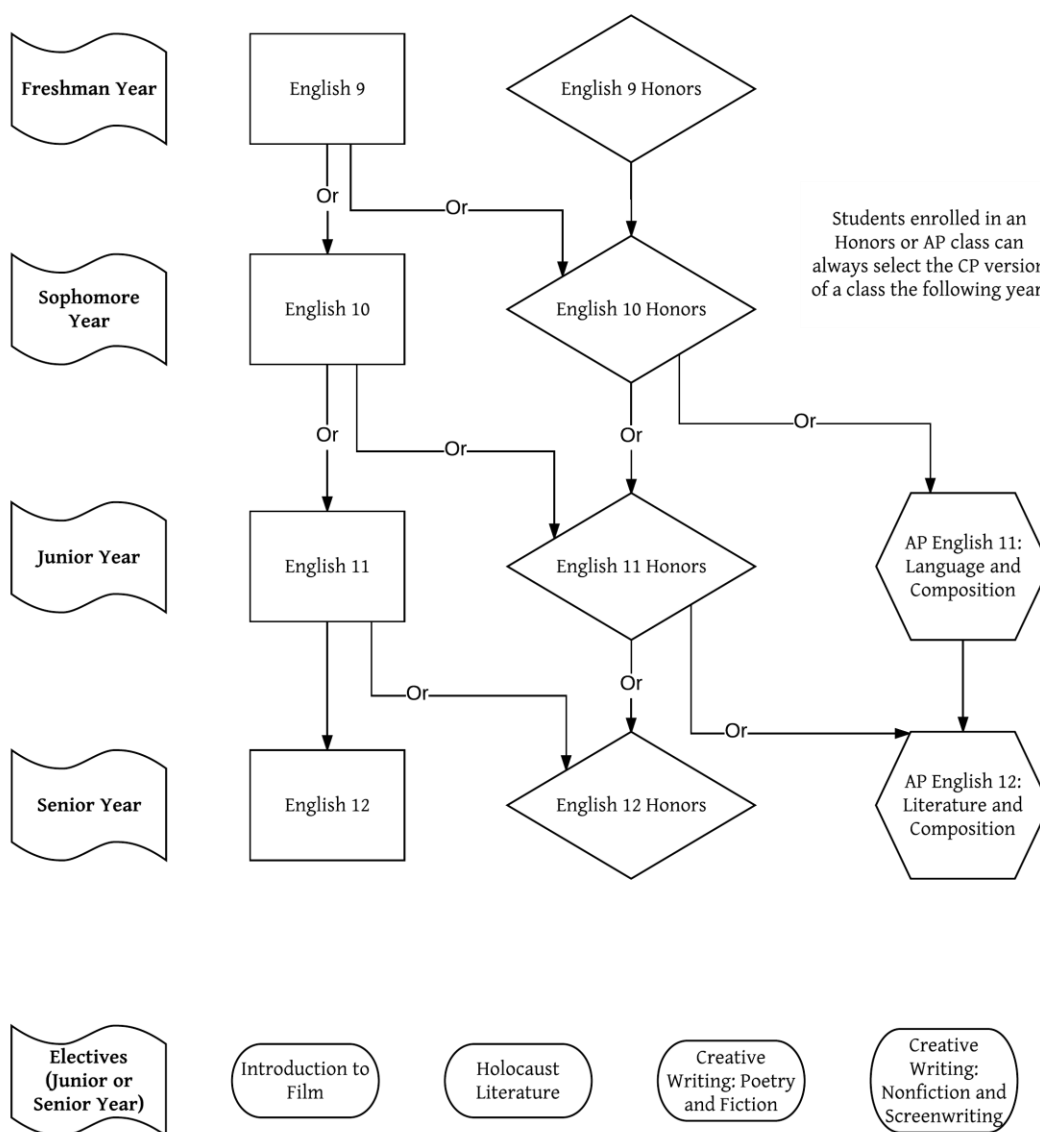
Course Pre-requisites: IT Essentials or teacher recommendation

Credit: 1

Description: STAR (Student Technical Assistant Resource) students should have an interest in providing IT assistance to their peers, teachers and Gibbons Community. Effective IT support is conducted through communication and teamwork. The STAR assistant will work closely with the Technology Director and other IT staff at the school to identify and resolve both software and hardware issues. Students will gain authentic hands-on experience troubleshooting and problem-solving common computer issues through their work with the IT staff and the student IT support desk as we transition into our 1:1 device program. A grade of Pass or Fail is given for this course.

ENGLISH

English Department Course Pathway



ENGLISH *(Continued)*

Course: English 9

Grade Level(s): 9

Course Pre-requisites: Completion of 8th grade English

PSAT: ERW- None/ Math None

Credit: 1

Description: The freshman course emphasizes the development of the basic English skills of grammar, composition, reading and vocabulary, and the importance of organization, structure, and the revision process as vital components of effective writers. Composition focuses on expository, descriptive, narrative, and analytical writing. Literature study focuses on the genres of fiction, nonfiction, drama, and poetry. Students are encouraged to approach literature as a source of enjoyment as well as an art form. A multi-media approach to learning is used throughout the year. Vocabulary development is implemented through the use of online programs and the study of vocabulary in the context of the literature. Basic research skills are introduced and culminate in a required documented research paper.

Course: English 9 Honors

Grade Level(s): 9

Course Pre-requisites: Minimum average of an A in 8th grade English, CGHS placement test and writing sample

PSAT: ERW- None/ Math None

Credit: 1

Description: English 9 Honors provides an accelerated study of grammar, composition, reading, and vocabulary. Emphasis is placed on reading and critical analysis of the various literary genres of fiction, nonfiction, drama, and poetry. An intensive writing program emphasizes the importance of organization, structure, and the revision process as vital components of effective writers. Composition focuses on expository, narrative, descriptive, and analytical writing. A multi-media approach to learning is used throughout the year. Vocabulary development is implemented through the use of online programs and the study of vocabulary in the context of the

literature. Basic research skills are introduced and culminate in a required documented research paper.

Course: English 10: American Literature

Grade Level(s): 10

Course Pre-requisites: Completion of English 9

PSAT: ERW- None/ Math None

Credit: 1

Description: English 10 is a survey of American literature from the pre-Colonial period to the present. Students read and are taught to analyze works of fiction and nonfiction. The writing component builds on the previous year's emphasis of essay construction, with continued emphasis on grammar, mechanics, and revision as important parts of the writing process. Vocabulary development is implemented through the use of online programs and the study of vocabulary in the context of the literature. A multi-media approach to learning is used throughout the year. Research skills are reinforced with the completion of a required documented research paper.

ENGLISH *(Continued)*

Course: English 10 Honors: American Literature

Grade Level(s): 10

Course Pre-requisites: Minimum average of a B+ in English 9 Honors or an A in English 9 and teacher recommendation

PSAT: ERW- 510/ Math None

Credit: 1

Description: English 10 Honors is a survey of American literature from the pre-Colonial period to contemporary authors. The literature is presented within the context of the social and historical forces which shaped it. Through representative readings from various literary genres, students learn about their cultural heritage, develop strategies for reading critically, improve upon language skills necessary for clear and effective communication, and expand their vocabulary. The writing component builds on the previous year's emphasis of essay construction, with continued emphasis on grammar, mechanics and revision as important parts of the writing process. Vocabulary development is implemented through the use of online programs, and the study of vocabulary in the context of the literature. A multi-media approach to learning is used throughout the year. Research skills are reinforced with the completion of a required documented research paper.

Course: English 11: British Literature

Grade Level(s): 11

Course Pre-requisites: Completion of English 10

PSAT: ERW- None/ Math None

Credit: 1

Description: British literature is a year-long course that provides a survey of representative genres from the Anglo-Saxon period to the modern day. Composition focuses on critical analysis of literature covered in class as well as outside parallel readings, and emphasizes the development of an argument, providing textual evidence as support. Vocabulary development is

implemented through the use of online programs and the study of vocabulary in the context of the literature. Preparation for the SAT includes attention to both vocabulary in context and various analytical skills in reading fiction and nonfiction passages. A multi-media approach to learning is used throughout the year. A research / thesis paper is a requirement of the class.

Course: English 11 Honors: British Literature

Grade Level(s): 11

Course Pre-requisites: Minimum average of a B+ in English 10 Honors or an A in English 10 and teacher recommendation

PSAT: ERW- 550/ Math None

Credit: 1

Description: Designed as a preparation for English 12 Honors or AP English, this course provides a year-long study of British literature from the Anglo-Saxon period to the present. Students are challenged to analyze literature and generate class discussion from their understanding of literary concepts such as point of view, diction, style, theme, and purpose. Writing skills are further developed, with the focus on making an argument, using textual support to validate an opinion and effectively incorporating quotes into an analysis. Self-assessment, revision, and rewriting are integral parts of the writing process in this class. Students are encouraged to develop voice and a personal style in their writing. Preparation for the SAT and ACT includes attention to both vocabulary in context and various analytical skills in reading fiction and nonfiction passages. A multi-media approach to learning is used throughout the year. A research / thesis paper is a requirement of the class.

ENGLISH *(Continued)*

Course: AP English Language and Composition

Grade Level(s): 11

Course Pre-requisites: Minimum average of a B+ in English 10 Honors or an A in English 10 and teacher recommendation

PSAT: ERW- 590/ Math None

Credit: 1

Description: AP English Language and Composition enables students to become skilled readers of complex texts written in a variety of periods, disciplines, and rhetorical contexts, and to become skilled writers who compose prose for a variety of purposes in order to communicate effectively with mature readers. The course allows students to write in narrative, exploratory, expository, and argumentative forms and on many different subjects ranging from personal experience to literary analysis. English Language and Composition prepares students for the writing that forms the basis of academic and professional communication as well as the personal and reflective writing that fosters the development of writing facility in any context. The course demands work equivalent to that of a full-year introductory college course. A multi-media approach to learning is used throughout the year. Vocabulary development is implemented through the use of online programs and the study of vocabulary in the context of the literature. Students will be responsible to complete a summer assignment for this course.

Course: English 12: World Literature

Grade Level(s): 12

Course Pre-requisites: Completion of English 11

PSAT: ERW- None/ Math None

Credit: 1

Description: World Literature is a study of selected major works from both eastern and western civilizations. Set within a historical context, the ancient and modern literature explores the intellectual, moral, and ethical orientation of the diverse cultures of humanity. Writing and research are an integral part of the course. Vocabulary development is

implemented through the use of online programs and the study of vocabulary in the context of the literature. A multi-media approach to learning is used throughout the year. Completion of a thesis paper is a requirement for graduation.

Course: English 12: World Literature Honors

Grade Level(s): 12

Course Pre-requisites: Minimum average of a B+ in English 11 Honors or an A in English 11 and teacher recommendation

PSAT: ERW- 570/ Math None

Credit: 1

Description: Honors World Literature is an intensive year-long course that gives students an overview of the literature of many peoples and cultures. Much comparative work is done with the class comparing the genres from culture to culture. Emphasis is on understanding the world through a study of literature that reflects the social, religious, and philosophical practices of a people. Composition focuses on critical analysis of literature covered in class. Emphasis is placed on the research process throughout the year. This course is designed for the student who needs and can rise to the challenges of an English course that is beyond the expectations of the college preparatory literature course. A humanities approach to learning is used throughout the year. Vocabulary development is implemented through the use of online programs and the study of vocabulary in the context of the literature. A multi-media approach to learning is used throughout the year. Completion of a thesis paper is a requirement for graduation.

ENGLISH *(Continued)*

Course: AP English Literature and Composition

Grade Level(s): 12

Course Pre-requisites: Minimum average of a B in AP Language, B+ in English 11 Honors, or an A in English 11 and teacher recommendation

PSAT: ERW- 590/ Math None

Credit: 1

Description: AP English Literature and Composition provides students with a course in composition and literary analysis. Through the close study of literary works of all genres and diverse cultures, students develop critical standards for appreciating and evaluating literature. They further sharpen their awareness of language and their understanding of the writer's craft. The course demands work equivalent to that of a full-year introductory college course. Vocabulary development is implemented through the use of online programs and the study of vocabulary in the context of the literature. A multi-media approach to learning is used throughout the year. Students will be responsible to complete a summer assignment for this course. Completion of a thesis paper is a requirement for graduation.

Course: Introduction to Film (**Honors Option**)

Grade Level(s): 11 and 12

Course Pre-requisites: None

PSAT: ERW- None/ Math None

Credit: 0.5

Description: Introduction to Film provides a general introduction to the history of American film, its language, and chief directors. Specifically, this elective examines selected major films in terms of the genres from which they emerge. The course also examines technical elements of filmmaking and screen writing, the financial and economic impact of the industry, and the evolution of film as art since inception. In addition, the course seeks to discover ways in which films reflect a given society at a specific point in time. Introduction

to Film requires visual, oral, and written analysis of films presented in class.

Course: Holocaust Literature (**Honors Option**)

Grade Level(s): 11 and 12

Course Pre-requisites: None

PSAT: ERW- None/ Math None

Credit: 0.5

Description: Holocaust Literature is an intensive study of literature that has come out of the Holocaust. Students are challenged in a very real and intense way to read stories and novels from a troubling time in our world's history. These selected works will be used to help the students develop and refine their analytical and critical thinking skills. The fine points of writing, grammar, and mechanics as well as usage are taught. Research is also an important element of the class. Most importantly, the students will enter into a study of one of the worst moments in history, grappling with some of the fundamental questions of man's nature, his relationship with others, and his relationship with God.

Course: Introduction to Creative Writing: Fiction and Poetry (**Honors Option**)

Grade Level(s): 11 and 12

Course Pre-requisites: None

PSAT: ERW- None/ Math None

Credit: 0.5

Description: Science now has the tools to prove what readers and writers have always known: people are hardwired for stories. We use language to build worlds. Through writing exercises, class discussion, video clips, readings, and extensive feedback, students will explore how fiction and poetry achieve their effects. Each student will complete a portfolio that includes flash and short fiction, formal and free verse poetry, and will submit selected pieces to the school literary magazine as well as to literary contests and magazines such as Teen Ink.

ENGLISH *(Continued)*

Course: Introduction to Creative Writing: Screenwriting and Nonfiction (**Honors Option**)

Grade Level(s): 11 and 12

Course Pre-requisites: None

PSAT: ERW- None/ Math None

Credit: 0.5

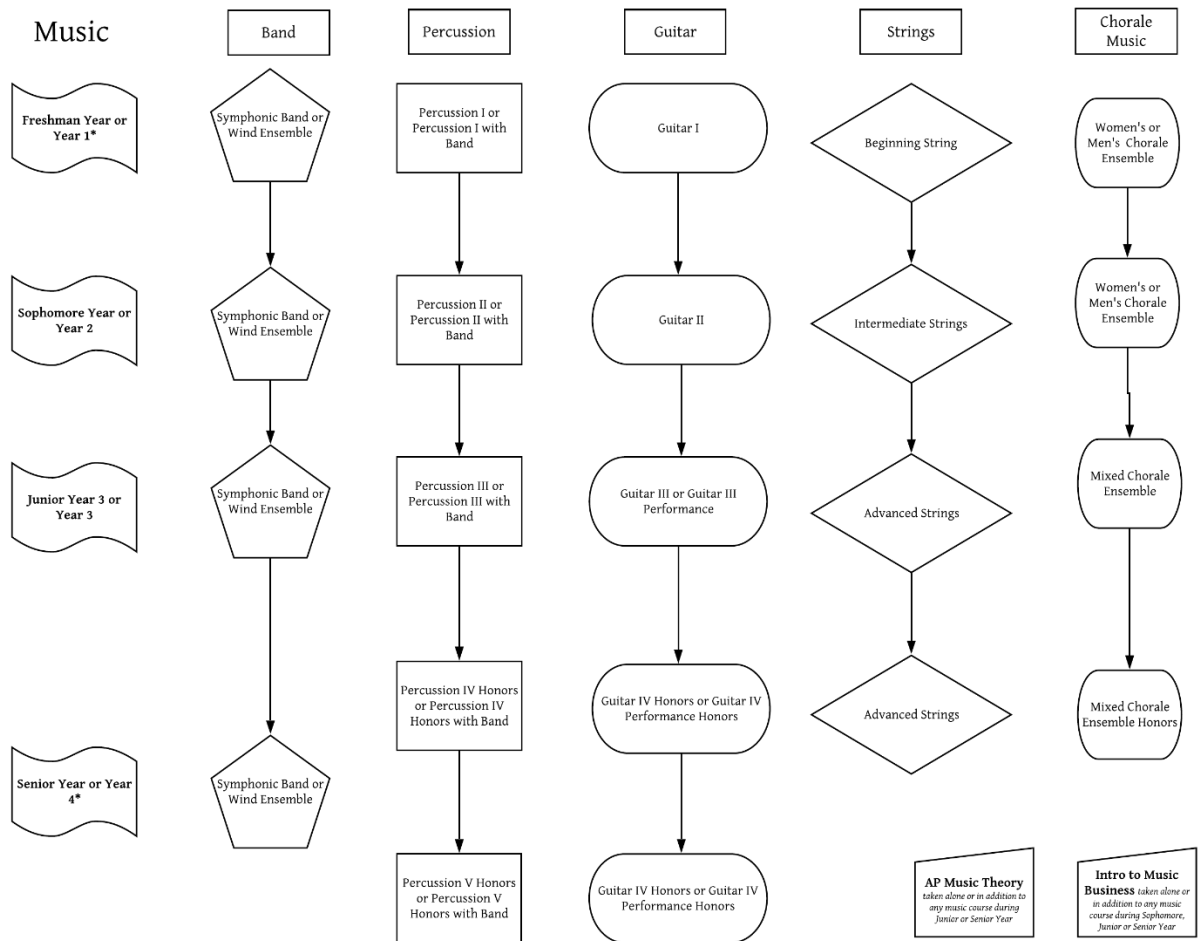
Description: Narratives and stories are how we explain the world to others and to ourselves, and language is how we create worlds of our own to share with readers and audiences. Through writing exercises, class discussion, video clips, readings, and extensive feedback, students will explore how screenwriting and creative nonfiction achieve their effects. Each student will complete a portfolio that includes a short film script, portions of a feature film script, and personal essays on topics of their choice, and will submit selected pieces to magazines such as Teen Ink. During semesters when the schedule permits collaboration with drama and creative video classes, at least one short film script will be made into a short film and submitted to film festivals and contests.

FINE ARTS

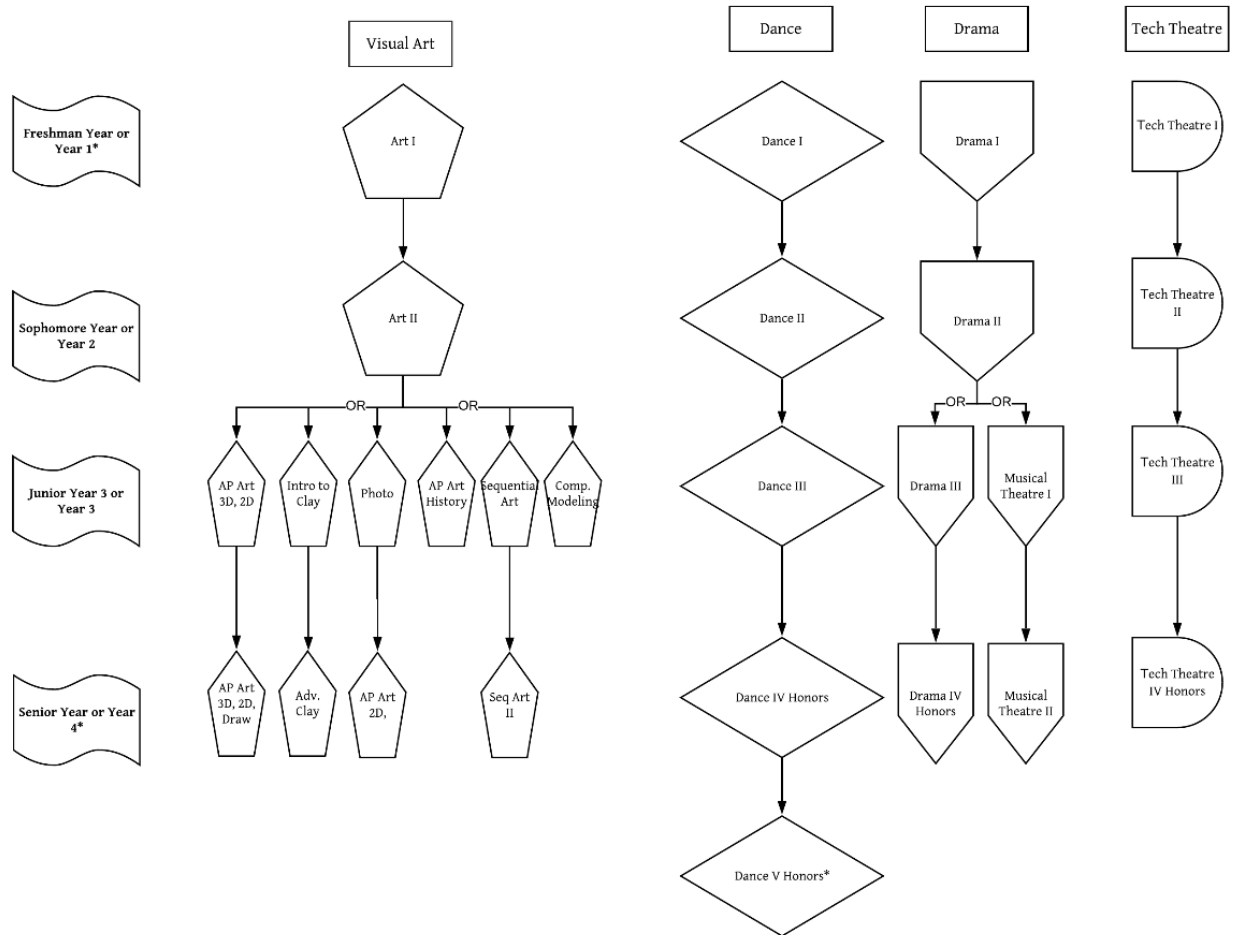
Fine Arts Department Course Pathway

Most Art courses, if not already designated as honors or AP, will have an Honors option. Students can audition for Music and Dance to begin at Year 2 - which can allow students to take a Level V course in Percussion, Guitar, Dance, and Band.

Art, Drama, Tech Theater, and Dance Course Pathways are below



Fine Arts Department Course Pathway



FINE ARTS *(Continued)*

Course: Drama I* (Honors Option)

Grade Level(s): 9

Course Pre-requisites: Audition Workshop or Instructor Approval

Credit: 1

Description: Drama I is designed as a general overview and introduction to the theatrical arts. Students will be introduced to and develop a strong foundation in the many facets of dramatic production, including acting basics, theatrical terminology, and the elements of stagecraft. Sophomores and Juniors interested in Drama, contact Mr. Ferguson regarding placement interview. *See page 5 regarding HPE Deferment for Rising 9th grade students.

Course: Drama II (Honors Option)

Grade Level(s): 10

Credit: 1

Description: Drama II continues the study and application of the fundamentals of acting, performance, and stagecraft with an emphasis on collaborative projects and self-expression. Students will learn to fully engage with the three tools of the performer-voice, body and imagination- through in-class projects that emphasize creating and doing in a supportive and active classroom environment. Contact Mr. Ferguson regarding placement interview.

Course: Drama III (Honors Option)

Grade Level(s): 11 and 12

Credit: 1

Description: Drama III continues the study and application of theatre arts and stagecraft at an advanced and challenging level, with an emphasis on personal expression and the creative process of theatre. Students will study and engage in improvisation, the Meisner acting technique, the use of physicality, advanced stage combat and directing for the stage. Contact Mr. Ferguson regarding placement interview.

Course: Drama IV Honors: Performance Studies

Grade Level(s): 12

Course Pre-requisites: Placement interview

Credit: 1

Description: Drama IV allows students to apply, practice, and synthesize the skills acquired in previous theatre program classes via in-class student-driven theatrical productions. Students will engage in producing, directing, designing, playwriting, and student film creation as part of a variety of Drama IV class projects. Students will be immersed in the creative production process, gaining hands-on experience in group collaboration, creative problem solving and artistic leadership. This class will require an investment of time outside of normal class hours.

Course: Musical Theatre Workshop I and II Honors

Grade Level(s): 11 and 12

Course Pre-requisites: Audition

Credit: 1

Description: Musical Theatre Workshop continues the study and application of theatrical performance at an advanced level, with a specific focus on the discipline of musical theatre. Students will study vocal technique, movement and physicality, choreography, basic music theory and the Meisner acting technique, applying and synthesizing all of these elements via material from the musical theatre canon. As this is an acting class for vocalists, all Musical Theatre Workshop students are required to be confident, competent vocalists. Placement in this class is by audition only; contact Mr. Ferguson for details.

FINE ARTS *(Continued)*

Course: Technical Theatre I* (Honors Option)

Grade Level(s): ALL

Course Pre-requisites: None

Credit: 1

Description: This course is a study and application of technical and backstage elements of theatre production. Students will focus on learning craft skills associated with scenery, lighting, and costuming. The class will also support the technical needs of CGHS performances and other school presentations. They will be evaluated on their understanding of theatre production and on their ability to safely and proficiently assist in the construction of scenery, costumes, and props. *See page 5 regarding HPE Deferment for Rising 9th grade students.

Course: Technical Theatre II (Honors Option)

Grade Level(s): 10, 11, and 12

Course Pre-requisites: Technical Theatre I or teacher recommendation

Credit: 1

Description: This course continues the study of technical theatre. Students will begin the study of theatrical design in costume, scenery, light, and sound. They will advance their technical craft skills and be heavily involved in construction of scenery and costumes for CGHS productions. They will be evaluated on individual design projects and their demonstrated technical skills. Some work may be required after school and on weekends.

Course: Technical Theatre III-IV Honors

Grade Level(s): 11 and 12

Course Pre-requisites: Technical Theatre I or teacher recommendation

Credit: 1

Description: This course furthers the study of Technical Theatre and its respective disciplines, with an emphasis on design. Students will be involved in the design process for all CGHS theatrical productions. Students will be responsible for working and running the

technical crews in a leadership role for all CGHS Fine Arts productions. Students will also mentor Tech I and II students.

Course: Art I* (Honors Option)

Grade Level(s): ALL

Course Pre-requisites: None

Credit: 1

Description: This elective provides a general introduction to the visual arts, its language, tools, media and processes. The student will be exposed to a variety of studio experiences as well as artists of past and present. The focus at the beginning of the year is on developing strong drawing skills. Other projects will include printmaking, painting, ceramics and mixed-media. Sophomores, Juniors and Seniors do not need to submit portfolio or get a teacher recommendation. *See page 5 regarding HPE Deferment for Rising 9th grade students.

Course: Art II (Honors Option)

Grade Level(s): 10, 11, and 12

Course Pre-requisites: Art I and teacher recommendation

Credit: 1

Description: Art II builds upon the basic art concepts and skills developed in Art I through more advanced applications of media, concepts, and expressions of ideas. Students are encouraged to begin to develop a personal style of expression and choose media appropriate for communication of concept.

Course: Introduction to Clay (Honors Option)

Grade Level(s): 11 and 12

Course Pre-requisites: None

Credit: 1

Description: The student will be introduced to the art of clay as a means of personal expression and communication. Students will experiment with the plastic quality of clay to form three-dimensional structures using the pinch, coil, slab, and potter's wheel techniques. Students will understand the chemical and physical changes that take place in clay through the construction and firing processes and will be able to evaluate clay forms on the basis of elements and principles of design.

FINE ARTS *(Continued)*

Course: Introduction to Sequential Art (Honors Option)

Grade Level(s): 11 and 12

Course Pre-requisites: None

Credit: 1

Description: This course will explore the ancient tradition of conveying stories/ideas through words and pictures. Students will study the history of sequential art and its broad range of styles and genres, and they will write and draw their own short stories in several different formats. Each storytelling element will be studied and explored, including sub-ject research, script writing/outlining, developing effective characters, drawing settings, objects, and people in various styles, establishing mood, conveying emotion, the importance of color, mythology, iconography, metaphor, and “personal voice” panel composition and overall page design. Students will also learn how to have their work “print ready” for publication, both on paper and digitally on the internet.

Course: Sequential Art II (Honors Option)

Grade Level(s): 12

Course Pre-requisites: Introduction to Sequential Art and teacher recommendation

Credit: 1

Description: This course is designed to be a continuation of Sequential Art I, and will build upon the skill sets covered there. Students will be asked to display a more advanced level of drawing and visual storytelling, and the projects will be greater in length and more substantive in content. Students will also be expected to work independently and develop their own story ideas. More advanced techniques in drawing, coloring, and inking will be pursued, and we will explore more prolific areas and methods of visual storytelling.

Course: Photography (Honors Option)

Grade Level(s): 11 and 12

Course Pre-requisites: None

Credit: 1

Description: This course introduces the fundamental techniques used in black and white photography. Emphasis is placed on concept and content as well as technical proficiency. This course provides a problem-solving structure that is designed to encourage the development of both technical and creative thinking skills. The course contains the following sections on Basic Photography: camera, lens, exposure, light and film, film development and printing. Alternative photographic process and color digital imaging techniques are also covered.

Course: Introduction to Computer Modeling (Honors Option)

Grade Level(s): 11 and 12

Course Pre-requisites: None

Credit: 1

Description: This course will cover the basics of 3D object modeling in 3D Studio Max software. No drawing ability is necessary. Students will learn the fundamentals of how to visualize and construct basic objects using polygons and then learn how to create and apply their own texture maps to the objects. Once a familiarity with the software and techniques are established, more complex and original objects can be approached. The skills acquired in this class can be applied to video games, 3D animation, architecture, and other areas in the entertainment and communication fields.

FINE ARTS *(Continued)*

Course: AP Art History

Grade Level(s): 11 and 12

Course Pre-requisites: Minimum average of a B in current English class

Credit: 1

Description: This course prepares students for the AP Art History Exam. The course covers art from the Paleolithic period through postmodernism and is designed to provide students with the same material covered in an introductory college course in art history. Students gain knowledge of architecture, sculpture, painting and other forms within diverse historical and cultural contexts. An emphasis will be placed on visual literacy: the ability to apply art historical methods to the student's visual environment and how images encode social ideologies. Students examine and critically analyze major forms of artistic expression from a variety of European and Non-European cultures. Writing skills will be important in the description, analysis, and comparison of these works. Attention is given to the interpretation of a work of art based upon its intended use, patronage, audience and the role of both the artist and the work of art in a particular society. Students will learn how art mediates all types of human experiences. Students will be responsible to complete a summer assignment for this course.

Course: AP Drawing

Grade Level(s): 12

Course Pre-requisites: Art II and teacher recommendation

Credit: 1

Description: AP Drawing is offered for the outstanding art student who wishes to prepare and present a drawing portfolio to the National Placement Board. College credit or placement may be given by some institutions if a qualifying evaluation is received. Students will be responsible to complete a summer assignment for this course.

Course: AP 2D Design

Grade Level(s): 11 and 12

Course Pre-requisites: Art II and teacher recommendation

Credit: 1

Description: AP 2D Design is offered for the outstanding art student who wishes to prepare and present a 2D Design portfolio to the National Placement Board. College credit or placement may be given if a qualifying evaluation is received. Students will be responsible to complete a summer assignment for this course.

Course: AP 3D Design

Grade Level(s): 11 and 12

Course Pre-requisites: Art II and teacher recommendation

Credit: 1

Description: AP 3D Design is offered for the outstanding art student who wishes to prepare and present a 3D Design portfolio to the National Placement Board. College credit or placement may be given if a qualifying evaluation is received. Students will be responsible to complete a summer assignment for this course.

Course: Symphonic Band * (Honors Option)

Grade Level(s): ALL

Course Pre-requisites: None

Credit: 1

Description: Symphonic Band is a course for students with no prior band experience, for students who have been out of a band class for one or more years, or for students seeking a fundamental review on their instruments. Students will learn the fundamental concepts of playing a specific instrument, reading music and music theory. Students will prepare to perform their own material, and some material with the Wind Ensemble on major concerts. Students should provide their own instruments unless other arrangements are made with the instructor. *See page 5 regarding HPE Deferment for Rising 9th grade students.

FINE ARTS *(Continued)*

Course: Wind Ensemble* (Honors Option)

Grade Level(s): ALL

Course Pre-requisites: Symphonic Band or teacher recommendation

Credit: 1

Description: Wind Ensemble is a course for students who have met the standards for Symphonic Band. Members will learn aspects of playing an instrument including reading music, completion of a music theory book each semester, and performing various wind band literature (Wind Ensemble, Pep Band, Jazz Band and Small Ensemble). Concerts, Gibbons home football games, specified community parades and home practice are required. Students should provide their own instruments unless other arrangements are made with the instructor. *See page 5 regarding HPE Deferment for Rising 9th grade students.

Course: Percussion with Band I*, II, III and IV (Honors Option)

Grade Level(s): ALL

Course Pre-requisites: Audition is required

Credit: 1

Description: Students will perform traditional percussion parts with the band. The percussion instructor will tutor/assist students individually and in small groups as they learn the percussion parts. Some students will perform on nontraditional band instruments (upright bass, electric bass, and piano). *See page 5 regarding HPE Deferment for Rising 9th grade students.

Course: Percussion I* (Honors Option)

Grade Level(s): ALL

Course Pre-requisites: None

Credit: 1

Description: This course is designed for beginning students who would like to learn to play percussion. Students will be introduced to playing all areas of percussion including snare drum, mallets (bells, vibes, xylophone) timpani, hand percussion (congo, bongos, etc.) and drum set. Students will learn all the basic skills in reading music, music theory, and music history as well as percussion history. Students will use a predatory piano theory workbook and study basic theory and notes for percussion. Students will be required to practice and play in concerts. If a student wishes to play in percussion with band as a freshman, he or she should contact the instructor for a placement audition. Instrumental requirements for the class are a practice pad, mallet instrument, and a mallet bag with appropriate sticks and mallets. *See page 5 regarding HPE Deferment for Rising 9th grade students.

Course: Percussion II* (Honors Option)

Grade Level(s): ALL

Course Pre-requisites: Percussion I or teacher recommendation

Credit: 1

Description: This course is designed for students who have completed the beginning class or students who have a more advanced knowledge of percussion. It will include more advanced study in the percussion playing technique and more advanced literature. Students will be required to practice and play in concerts. Students will be required to have a practice pad, mallet instrument for home practice, and a mallet bag with appropriate sticks and mallets. Students in this class will also perform with the concert band. *See page 5 regarding HPE Deferment for Rising 9th grade students.

FINE ARTS *(Continued)*

Course: Percussion III (Honors Option)

Grade Level(s): 10, 11 and 12

Course Pre-requisites: Audition is required

Credit: 1

Description: This course teaches students more advanced techniques of playing percussion instruments including but not limited to snare drum, mallets, timpani, and drum set. Advanced techniques will include introduction to four mallet playing and reading advanced musical rhythms on drums. Students are required to perform with the CGHS Band program, marching drum line performances, and audition for All-District Band or All-Honors Orchestra, or a solo and ensemble festival.

Course: Percussion IV Honors

Grade Level(s): 11 and 12

Course Pre-requisites: Audition is required

Credit: 1

Description: Students will continue to perform more advanced percussion literature and will perform in three major concerts each year as well as several smaller performances and with the band. Students will continue music theory studies.

Course: Percussion V Honors

Grade Level(s): 12

Course Pre-requisites: Audition is required

Credit: 1

Description: The course includes preparation and performance of college level percussion literature with a more advanced study of music theory and percussion performance.

Course: Guitar I* (Honors Option)

Grade Level(s): All

Course Pre-requisites: None

Credit: 1

Description: This course is designed for beginning students and will develop and advance basic instrumental skills on the guitar, including music reading (standard notation), scales, chords, tablature notation, method exercises, rhythm, and tone production. Though by far the main emphasis will be on the guitar, we will also include related ensemble instruments such as bass guitar, percussion, keyboard, and vocals. We will also develop skills for ensemble playing, including accompaniment, melody, improvisation, arranging, and harmony. Students who have played some guitar but are not advanced enough for Guitar 2 will be accommodated in Guitar 1 with more challenging assignments that will address their individual playing level. Students should provide their own instruments and home practice is required. *See page 5 regarding HPE Deferment for Rising 9th grade students.

Course: Guitar II* (Honors Option)

Grade Level(s): ALL

Course Pre-requisites: Guitar I or teacher recommendation

Credit: 1

Description: This course continues the development of instrumental and ensemble skills begun in Guitar I, especially reading in the higher positions and octave transpositions, more advanced scales and modes for improvisation, and advanced chords, leading to the performance of more difficult material in a variety of traditional jazz and rock styles. Four or more performances will be required. Students should provide their own instruments and home practice is required. *See page 5 regarding HPE Deferment for Rising 9th grade students.

FINE ARTS *(Continued)*

Course: Guitar III / IV (**Honors Option**)

Grade Level(s): 10, 11, and 12

Course Pre-requisites: Guitar II or teacher recommendation

Credit: 1

Description: This course continues the development of instrumental and ensemble skills, including advanced reading, transpositions, advanced modal improvisation, advanced chords and ensemble skills, leading to the performance of difficult material in a variety of traditional, jazz, classical, and rock styles. Three or more performances will be required. Students should provide their own instruments and home practice is required.

Course: Guitar III, IV, & V Performance (**Honors Option**)

Grade Level(s): 10, 11, and 12

Course Pre-requisites: Guitar II or teacher recommendation

Credit: 1

Description: This course continues the development of instrumental and ensemble skills, including advanced reading, transpositions, advanced modal improvisation, advanced chords, chordal improvisation and ensemble skills, leading to the performance of the most difficult material in a variety of traditional, jazz, classical, and rock styles. Eight or more performances will be required, some off campus. Students should provide their own instruments and home practice is required.

Course: Beginning Strings* (**Honors Option**)

Grade Level(s): ALL

Course Pre-requisites: None

Credit: 1

Description: This course is an introduction to the basic fundamentals of playing violin, viola, cello, or bass. No experience needed. Instrument is provided. We will learn the basics of rhythm, reading music, scales, improvisation, theory, and playing beginning

repertoire. *See page 5 regarding HPE Deferment for Rising 9th grade students.

Course: Intermediate Strings* (**Honors Option**)

Grade Level(s): ALL

Course Pre-requisites: 1 year experience

Credit: 1

Description: This course is for the violin, viola, cello, or bass for students with at least one year of experience. Material covered will include shifting to third position, two octave scales, improvisation, theory, intermediate music reading, and some vibrato. Students should provide their own instrument and home practice is required. *See page 5 regarding HPE Deferment for Rising 9th grade students.

Course: Advanced Strings* (**Honors Option**)

Grade Level(s): ALL

Course Pre-requisites: 1 year experience and audition

Credit: 1

Description: This course is for violin, viola, cello, or bass for students with at least one year of experience and an audition with instructor. Material covered will include shifting past third position, three octave scales, vibrato, improvisation, and advanced music reading. Students should provide their own instrument and home practice is required. *See page 5 regarding HPE Deferment for Rising 9th grade students.

Course: Intro to Music Business (**Honors Option**)

Grade Level(s): 10-12

Course Pre-requisites: NONE

Credit: 1

Description: This course introduces the basic elements of the music business. Topics include copyright law, musical arrangements and abridgements, recording and songwriting contracts, agents and managers, performing rights organizations, the musician's union and the business of Music Education.

FINE ARTS *(Continued)*

Course: AP Music Theory

Grade Level(s): 11 and 12

Course Pre-requisites: Teacher Recommendation

Credit: 1

Description: AP Music Theory provides an opportunity for the outstanding music student to prepare for the College Board AP Music Theory exam. Some institutions may give college credit or placement if a qualifying evaluation is received. The student must also perform with one of the instrumental or vocal music ensembles either by independent study or by special arrangement with the instructors.

Course: Women's Choral Ensemble* (Honors Option)

Grade Level(s): 9 and 10

Course Pre-requisites: Grade 9: Audition; Grade 10: None

Credit: 1

Description: Women's Choral Ensemble is designed to expose the student to the art of choral singing at the high school level. Students are asked to audition in order to place voice parts. Emphases include rudimentary music theory, sight-singing, and ear training. The choir performs SSA and SSAA pieces, both accompanied and a cappella. Music reading is not a prerequisite for this course. Students' proficiencies in these areas will increase as they learn to read, rehearse, and perform various choral works of many different musical styles-both sacred and secular. Participation in school Masses, on and off campus concerts, and performances with other music groups at Cardinal Gibbons is required. *See page 5 regarding HPE Deferment for Rising 9th grade students.

Course: Men's Choral Ensemble* (Honors Option)

Grade Level(s): 9 and 10

Course Pre-requisites: Grade 9: Audition; Grade 10: None

Credit: 1

Description: This course is open to male students in the school who enjoy music and wish to become better singers and performers. Students will sing a variety of music including contemporary rock, pop, Barbershop, classical, and folk music. The class will emphasize rudimentary music theory, sight-singing, and ear training. Students' proficiencies in these areas will increase as they learn to read, rehearse, and perform various choral works of many different musical styles both sacred and secular. There will be many opportunities to participate in concerts, performances, and gigs throughout the area and in collaboration with other music groups at Cardinal Gibbons. *See page 5 regarding HPE Deferment for Rising 9th grade students.

Course: Mixed Choral Ensemble (Honors Option)

Grade Level(s): 11 and 12

Course Pre-requisites: None

Credit: 1

Description: Mixed Choral Ensemble performs SAB and SATB music in a variety of styles. Students in this class will have previous experience in music and vocal performance. While our primary focus is performance, sight-reading, theory, and ear training proficiency will be emphasized during class. Participation in school Masses, on and off campus concerts, and performances with other music groups at Cardinal Gibbons is required. Solo and/or small group work will be encouraged.

FINE ARTS *(Continued)*

Course: Dance I *(Honors Option)

Grade Level(s): ALL

Course Pre-requisites: None

Credit: 1

Description: Dance I is divided into three main areas of study: technique, dance history, and performance. The course covers a variety of techniques at the beginning level, including modern, jazz, hip-hop, and ballet. Students will also learn choreographic tools to create movement studies and solos. Two performances are required. Students must provide dance wear attire and dance shoes. Placement for technique level is through audition. *See page 5 regarding HPE Deferment for Rising 9th grade students.

Course: Dance II* (Honors Option)

Grade Level(s): ALL

Course Pre-requisites: Dance I or audition

Credit: 1

Description: Dance II is divided into three main areas of study: technique, dance history, and performance. The course covers a variety of techniques, including modern, jazz, hip-hop, and ballet. Other forms of dance and movement are introduced including conditioning and Pilates. Students will continue to learn choreographic terms and explore with creating a movement vocabulary. Two performances are required. Students must provide dance wear attire and dance shoes. *See page 5 regarding HPE Deferment for Rising 9th grade students.

Course: Dance III (Honors Option)

Grade Level(s): 10, 11, and 12

Course Pre-requisites: Dance II or audition

Credit: 1

Description: Dance III continues to work with technique, dance history, and performance in addition to arts, production, and management. Students continue to further their skills in choreography and present their own solos. Two performances are required. Students must provide dance wear attire and dance shoes.

Course: Dance IV Honors

Grade Level(s): 11 and 12

Course Pre-requisites: Dance III or audition

Credit: 1

Description: Dance IV (Honors) continues to work deeper with dance technique including modern/contemporary, jazz, hip-hop, and ballet. Two performances are required. Students will have an opportunity to showcase their own movement studies in class. Students will continue to experiment and look deeper into improvisation and choreography. Students must provide dance wear attire and dance shoes.

Course: Dance V Honors

Grade Level(s): 12

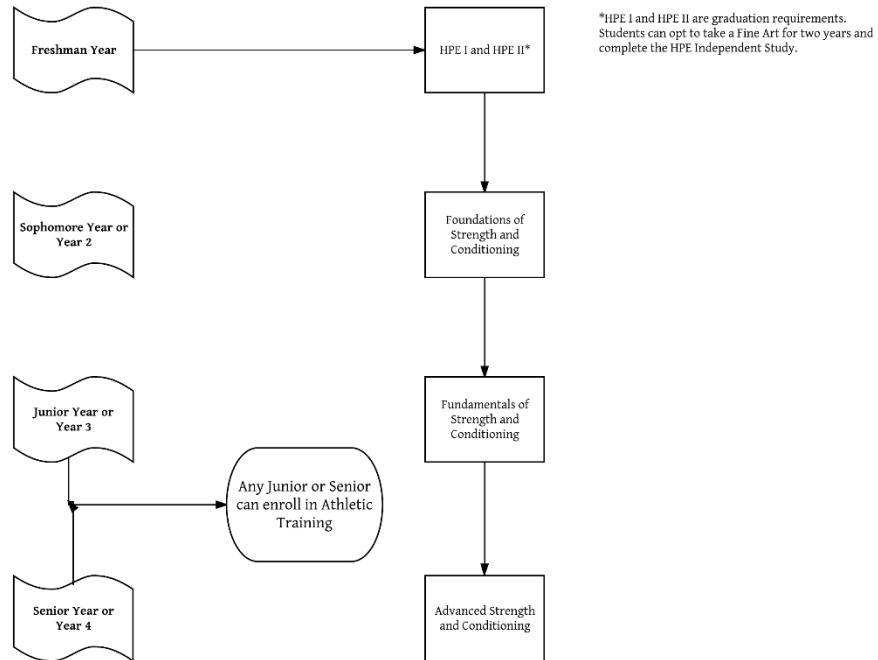
Course Pre-requisites: Dance IV or audition

Credit: 1

Description: Dance V (Honors) continues to work with dance technique. Students will have the chance to perform their own choreographic studies in a performance and have an opportunity to teach other students their own movement. Students will have a chance to perform in other dance concerts and conventions in North Carolina. Two performances are required. Students must provide dance wear attire and dance shoes.

HEALTH AND PE

Health and PE Department Course Pathway



HEALTH AND PE

Course: Health and PE I and II

Grade Level(s): 9

Course Pre-requisites: None

Credit: 1

Description: This course includes health topics which provide the student with a basic understanding of the human body and its systems, first aid treatment, substance abuse, health occupations, physical fitness, disease, and related health topics. Additionally, this course provides the students with the basic fundamental skills required for a variety of activities. Its purpose is to develop the components of fitness as well as good sportsmanship in a competitive environment.

Course: Foundations of Strength & Conditioning (**Honors Option**)

Grade Level(s): 10, 11, and 12

Course Pre-requisites: None

Credit: 1

Description: Subject matter for this year-long course will include principles of beginning strength training (functional, power and Olympic lifts) as well as a thorough coverage of general conditioning principles related to the development of the high school athlete. Other related topics include nutrition, ergogenic drugs, and basic anatomy and physiology. This class will emphasize direct involvement in the techniques and theory taught through daily workouts.

Course: Fundamentals of Strength & Conditioning (**Honors Option**)

Grade Level(s): 11 and 12

Course Pre-requisites: Foundations of Strength & Conditioning

Credit: 1

Description: This class is designed to build upon the Foundations of Strength & Conditioning class. Subject matter for this year-long course will include more advanced strength training techniques (functional, power and Olympic lifts) as well as thorough coverage of plyometric and conditioning principles. Related topics include nutrition, ergogenic

drugs, and basic anatomy and physiology. This class will require daily physical workouts.

Course: Advanced Strength and Conditioning (**Honors Option**)

Grade Level(s): 12

Course Pre-requisites: Fundamentals of Strength & Conditioning

Credit: 1

Description: Advanced Strength & Conditioning: This year-long course will continue to build on the knowledge base and techniques that students learned in their Strength & Conditioning classes. There will be a greater emphasis on Olympic Lifts, as well as exploration of different styles of workouts. Related topics will include proper nutrition, the effects of steroid and supplement use, and a more expansive look at anatomy and physiology. This class will require daily physical work-outs supplemented with written work and research.

Course: Athletic Training (**Honors Option**)

Grade Level(s): 11 and 12

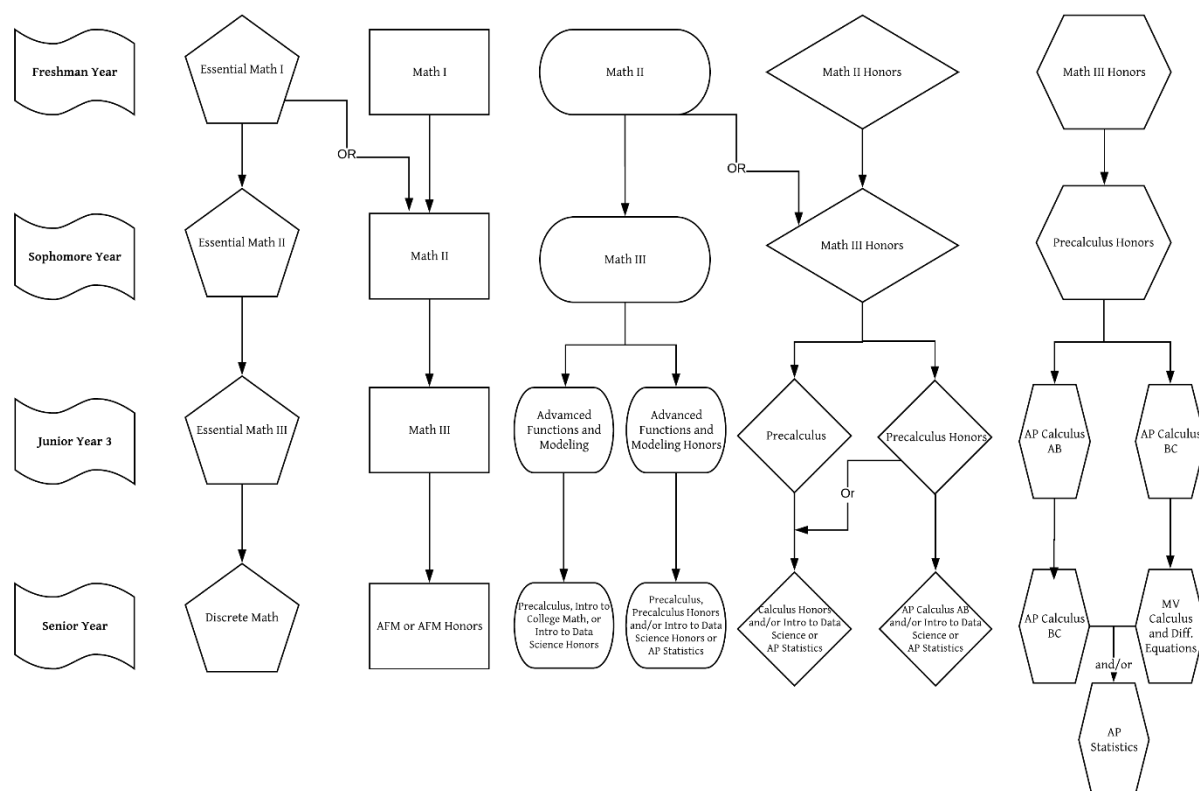
Course Pre-requisites: None

Credit: 1

Description: This year-long course provides the student with the most current information on the subjects of prevention and basic care of sports injuries. This course is designed for students going into the field of coaching, physical education, and/or the medical/healthcare profession. Its major thrust is toward injury prevention and immediate care of the most common sports injuries. Basic foundations are also provided for the student interested in substantive areas of rehabilitation. Students enrolled in this class are required to complete athletic training hours as part of their class grade. Please contact any member of the HPE department with specific questions about the training hour requirement.

MATH

Math Department Course Pathway



MATH

Course: Essential Math I

Grade Level(s): 9

Course Pre-requisites: Placement test results and teacher recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: This course introduces students to the real number system and its properties. Students will study linear relationships and be introduced to evaluating and graphing quadratic and exponential functions. Topics will include simplifying polynomial expressions, solving and graphing algebraic equations and inequalities, factoring, solving systems of linear equations, distance, area and volume formulas, and interpreting data. Students will be introduced to evaluating and graphing quadratic and exponential functions. Topics will be based on students' needs and aligned with Math I Standards. A graphing calculator is required, and a TI-84 is recommended.

Course: Math I

Grade Level(s): 9

Course Pre-requisites: Placement test results and teacher recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: Math I will deepen and extend the understanding of linear relationships, in part by contrasting them with exponential and quadratic phenomena, and in part by applying linear models to data that exhibit a linear trend. Topics will include simplifying polynomial expressions, solving and graphing algebraic equations and inequalities, solving systems of linear equations, coordinate geometry, congruent figures, distance, area and volume formulas, and interpreting data. Students will cover methods of factoring quadratic expressions and will be introduced to quadratic functions. The Standards for Mathematical Practice apply throughout the course, and together with the Math I Content Standards, allow students to experience mathematics and apply it as they make sense of problem situations. A graphing calculator is required, and a TI-84 is recommended.

Course: Essential Math II

Grade Level(s): 10

Course Pre-requisites: Teacher Recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: This course will continue to strengthen students' algebraic and geometric skills. There will be a concentrated study of function notation. Students will use algebra and graphing to describe quadratic and radical functions, as well as inverse variation. Students will apply basic ideas of triangle relationships, including the Pythagorean Theorem, and will be introduced to similar triangles and the trigonometric ratios. Students will explore basic probability and counting problems. Topics will be based on students' needs and aligned with Math II Standards. A graphing calculator is required, and a TI-84 is recommended.

Course: Math II

Grade Level(s): 9 and 10

Course Pre-requisites: Minimum of a C average in Math I or placement test results and teacher recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: Math II stresses the concept of a function. Students concentrate on the study of quadratic and radical functions, as well as inverse variation. Algebraic and graphical knowledge of these functions is emphasized. Geometric transformations are examined and then related to the study of congruent and similar triangles, including work with proof. The study of similarity leads to an understanding of right triangle trigonometry and connects to Pythagorean relationships. The link between probability and data is explored through conditional probability. The Standards for Mathematical Practice apply throughout the course, and together with the Math II Content Standards, allow students to experience mathematics and apply it as they make sense of problem situations. A graphing calculator is required, and a TI-84 is recommended.

MATH

(Continued)

Course: Math II Honors

Grade Level(s): 9 and 10

Course Pre-requisites: Minimum of an A average in Math I or placement test results and teacher recommendation

PSAT: ERW- None/ Math 450

Credit: 1

Description: Math II Honors is a more challenging approach to all of the geometry, algebra, and probability covered in Math II. Topics will be expanded and deepened, and the pace of the course will be faster than Math II. Content is explored at a rigorous level with an emphasis on application of each function. Students will be introduced to additional topics such as matrix transformations, function inverses, and geometric probability, as time permits. The Standards for Mathematical Practice apply throughout the course, and together with the Math II Content Standards, allow students to experience mathematics and apply it as they make sense of problem situations. A graphing calculator is required, and a TI-84 is recommended.

Course: Essential Math III

Grade Level(s): 11

Course Pre-requisites: Teacher Recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: This course will reinforce the students' basic Algebra skills. Students will solve equations and inequalities in the real number system. Applications will be made to linear and polynomial functions as well as more elementary exponential functions. The students will study the fundamentals of trigonometric functions. Students' graphing skills will be reinforced and expanded. Topics will be based on students' needs and aligned with Math III Standards. A graphing calculator is required, and a TI-84 is recommended.

Course: Math III

Grade Level(s): 10 and 11

Course Pre-requisites: Minimum of a C average in Math II and teacher recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: This course is designed to continue the study of functions from Math II. Students will then expand their knowledge of polynomial, rational, exponential, and logarithmic functions. Students will apply methods from probability and statistics to draw inferences and conclusions from data. Students will extend their study of trigonometry to include the study of circular trigonometry and trigonometric functions that model periodic phenomena. Students will bring together their experience with functions and geometry to create models and solve problems, including the study of geometric solids. The students will complete geometric proofs. The Standards for Mathematical Practice apply throughout the course, and together with the Math III Content Standards, allow students to experience mathematics and apply it as they make sense of problem situations. A graphing calculator is required, and a TI-84 is recommended.

MATH

(Continued)

Course: Math III Honors

Grade Level(s): 9, 10, and 11

Course Pre-requisites: Minimum of a B average in Math II Honors or an A in Math II or placement test results and teacher recommendation

PSAT: ERW- None/ Math 500

Credit: 1

Description: Math III Honors is a more challenging approach to all of the topics in Math III. Topics will be expanded and deepened, and the pace of the course will be faster than Math III, in preparation for Precalculus mathematics. Applications of all functions are included. Geometry and Algebra are combined in the study of conic sections. Trigonometry is covered extensively, including trigonometric proofs, trigonometric equations, and sum, difference and double angle identities. The Standards for Mathematical Practice apply throughout the course, and together with the Math III Content Standards, allow students to experience mathematics and apply it as they make sense of problem situations. A graphing calculator is required, and a TI-84 is recommended.

Course: Advanced Functions and Modeling

Grade Level(s): 11 and 12

Course Pre-requisites: Math III and teacher recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: This course provides students with an introductory study of modeling and applications of functions. The course extends and strengthens skills in concepts first presented in Math III. The applications will cover home, work, recreation, consumer issues, public policy, and scientific investigations, just to name a few. The students will continue to study graphing techniques and will make use of appropriate technology. A graphing calculator is required, and a TI-84 is recommended.

Course: Advanced Functions and Modeling Honors

Grade Level(s): 11 and 12

Course Pre-requisites: Minimum of an A average in Math III and teacher recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: This course is a more demanding, faster-paced approach to advanced functions. The course also provides an in-depth study of function modeling and the application of these functions. The student will continue study graphing techniques and will make use of appropriate technology. Students completing this course will be prepared for either Precalculus or AP Statistics. A graphing calculator is required, and a TI-84 is recommended.

Course: Precalculus

Grade Level(s): 10, 11, and 12

Course Pre-requisites: Minimum of a B+ average in AFM, a B in AFM Honors, or a C in Math III Honors and teacher recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: Precalculus involves an in-depth analysis of polynomial, rational, exponential, logarithmic, and trigonometric functions including applications. This course prepares a student for Calculus Honors at the high school or possible placement into college Calculus. A graphing calculator is required, and a TI-84 is recommended.

MATH

(Continued)

Course: Precalculus Honors

Grade Level(s): 10, 11, and 12

Course Pre-requisites: Minimum of a B average in Math III Honors or an A in AFM Honors and teacher recommendation

PSAT: ERW- None/ Math 550

Credit: 1

Description: This course is a more rigorous approach to the topics in Precalculus using both an analytical and a graphical approach. An emphasis will also be placed on applying polynomial, rational, exponential, logarithmic, and trigonometric functions. Students will be introduced to vectors, polar graphing, sequences and series, and matrices. This course prepares students for AP Calculus. A graphing calculator is required, and a TI-84 is recommended.

Course: Discrete Math

Grade Level(s): 12

Course Pre-requisites: Teacher Recommendation

PSAT: ERW- None/ Math

Credit: 1

Description: Several diverse topics will be covered in this course including: consumer math and social choice, set theory, statistics, and matrices. Applications and the use of technology are central to the course. A study of several algebraic topics including probability and trigonometry will be presented as time allows. A graphing calculator is required, and a TI-84 is recommended.

Course: Introduction to College Math

Grade Level(s): 12

Course Pre-requisites: Minimum of a C average in AFM or AFM Honors and teacher recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: This course is recommended for those who want a math class that will introduce areas that are covered at the entry level of college. The goal for this class is to

integrate basic elementary matrix methods, sets, counting techniques, linear programming, modeling of real life situations through graph theory, data collection and analysis, fair and estate division, and apportionment. Many of the objectives require students to apply knowledge to new situations rather than following a procedure. A graphing calculator is required, and a TI-84 calculator is recommended.

Course: Introduction to Data Science Honors

Grade Level(s): 12

Course Pre-requisites: Minimum of a C average in Precalculus Honors, a B in Precalculus, a B in AFM Honors, or A in AFM and teacher recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: Introduction to Data Science (IDS) is designed to introduce students to the exciting opportunities available at the intersection of data analysis, computing, and mathematics through hands-on activities. Data is everywhere, and this curriculum will help prepare students to live in a world of data. The curriculum focuses on practical applications of data analysis to give students concrete and applicable skills. Instead of using small, tailored, curated data sets as in a traditional statistics curriculum, this curriculum engages students with a wider world of data that fall into the "Big Data" paradigm and are relevant to students' lives. In contrast to the traditional formula-based approach, the IDS statistical inference is taught algorithmically, using modern randomization and simulation techniques. Students will learn to find and communicate meaning in data and to think critically about arguments based on data. A graphing calculator is required, and a TI-84 is recommended.

MATH

(Continued)

Course: Calculus Honors

Grade Level(s): 11 and 12

Course Pre-requisites: Minimum of a B average in Precalculus or C in Precalculus Honors and teacher recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: Calculus continues the study of analysis of functions and introduces limits, differential calculus, and integral calculus with applications. The course gives students a strong foundation for college-level Calculus. This course is strongly recommended as a rigorous fourth-year math course. A graphing calculator is required, and a TI-84 is recommended.

Course: AP Calculus AB

Grade Level(s): 11 and 12

Course Pre-requisites: Minimum of a B average in Precalculus Honors and teacher recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: AP Calculus AB involves an in-depth look at functions and the use of limits, differentiation, and integration concepts in graphing and analysis. The curriculum follows the College Board's recommendation. A graphing calculator is required, and a TI-84 is recommended.

Course: AP Calculus BC

Grade Level(s): 11 and 12

Course Pre-requisites: Minimum of an A average in Precalculus Honors or a B in AP Calculus AB and teacher recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: AP Calculus BC is a more extensive and demanding study of Calculus than Calculus AB. Students who receive qualifying scores on the BC test may receive credit for two semesters of college Calculus. A graphing calculator is required, and a TI-84 is recommended.

Course: AP Statistics

Grade Level(s): 12

Course Pre-requisites: Minimum of a B average in Precalculus or Precalculus Honors or an A average in AFM Honors teacher recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: This course is an in-depth study of Statistics, equivalent to a one-semester Introduction to Statistics course at the university level. The purpose of the course is to introduce the students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will frequently work on projects involving the hands-on gathering and analysis of real world data. This course is recommended for students who plan a major in college in Engineering, Psychology, Sociology, Business or the biological and health sciences. A graphing calculator is required, and a TI-84 is highly recommended.

Course: Multivariable Calculus

Grade Level(s): 11 and 12

Course Pre-requisites: Teacher Recommendation

PSAT: ERW- None/ Math None

Credit: 0.5

Description: This course is the third of three semesters in a calculus sequence. Topics covered will include (but not limited to) vectors, vector algebra, vector functions, functions of several variables, partial derivatives, gradients, directional derivatives, maxima and minima, multiple integration, line and surface integrals, Green's Theorem, Divergence Theorems, Stokes' Theorem, and applications. Use of computational tools (MAPLE computer algebra system) will also be included.

MATH

(Continued)

Course: Differential Equations

Grade Level(s): 11 and 12

Course Pre-requisites: Teacher Recommendation

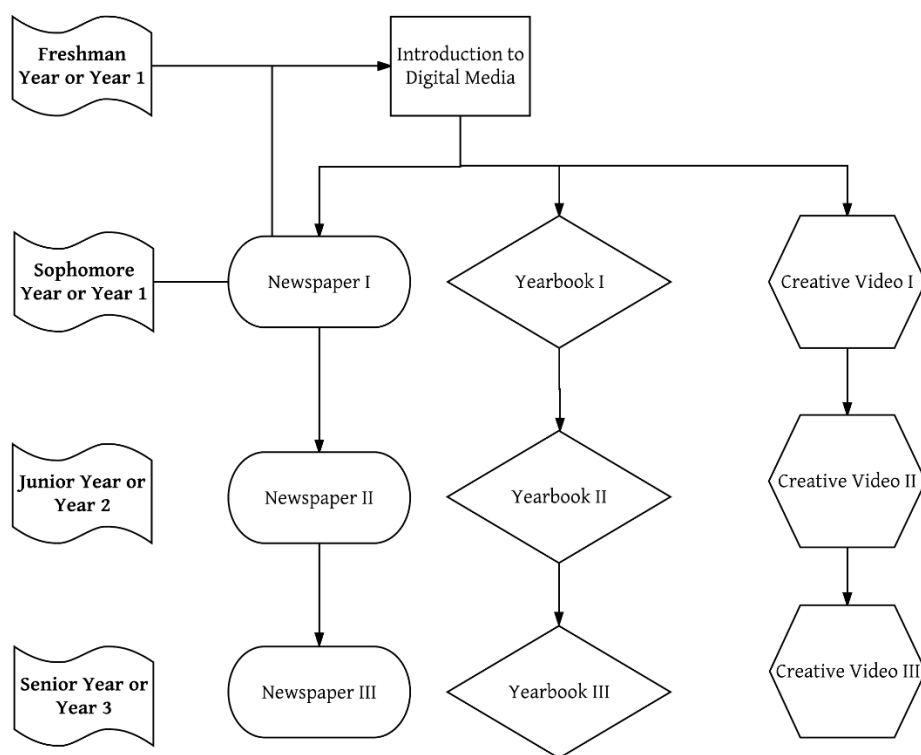
PSAT: ERW- None/ Math None

Credit: 0.5

Description: This course covers first order differential equations with applications; second order linear differential equations with applications in mechanics and other areas; elementary matrix algebra, systems of linear equations and applications; Laplace transforms; numerical methods for approximating solutions for differential equations. Applications to population, economic, orbital and mechanical models are included.

MEDIA PUBLICATIONS

CG Media Course Pathway



MEDIA

(Continued)

Course: Media I - Introduction to Digital Media* (**Honors Option**)

Grade Level(s): 9 and 10

Course Pre-requisites: None

PSAT: ERW- None/ Math None

Credit: 1

Description: Media I is an introduction to the subject of scholastic journalism with an emphasis on learning and practicing the skills necessary for success in all school digital media and publications courses (newspaper, photojournalism, digital video and yearbook). This course is designed for students interested in any media-related field, including journalism, marketing, advertising, etc. Skill areas emphasized are: basic news writing for web and print publication; proper social media usage, including Twitter and Facebook; basic digital photography, including proper use of school-provided Nikon DSLR cameras; basic desktop and online publishing, using Yearbook Avenue, Adobe InDesign and the Gibbons website. Students will be expected to participate in covering extra-curricular activities and school related events. *See page 5 regarding HPE Deferment for Rising 9th grade students.

Course: Newspaper I (**Honors Option**)

Grade Level(s): 10, 11, and 12

Course Pre-requisites: Media I or teacher recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: Newspaper I is a production class focusing on learning and developing the skills necessary for the creation and publication of the student newspaper. The Crusader, both in print and online. Individual initiative and personal responsibility will be stressed while students practice their journalism skills in a small group-oriented, business-like environment in which teamwork and cooperation are essential for success. Skill areas emphasized are: writing for the various journalistic styles, for web and print, including opinion, news feature and review writing; optimizing social media use, including Twitter and Facebook; newspaper design, for web and print, using Adobe InDesign and the Gibbons

website; basic photojournalism, using school-provided Nikon DSLR cameras. Students will be expected to participate in covering extra-curricular activities and school related events.

Course: Newspaper II Honors

Grade Level(s): 11 and 12

Course Pre-requisites: Newspaper I and teacher recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: Newspaper II is a production class focusing on developing students' leadership abilities, which will be necessary for the publication of the student newspaper. The Crusader, both in print and online. Students in Newspaper II form the executive board and provide editorial control and direction for The Crusader. All students in Newspaper II will be expected to model leadership and appropriate behavior to younger media staff members. Students will also further develop skills learned in Newspaper I, including: practicing advanced journalistic writing skills; providing control and strategy for newspaper social media use, including Twitter and Facebook; planning and executing advanced newspaper design, for web and print; practicing advanced photojournalism techniques. Students will be expected to participate in covering extra-curricular activities and school related events.

MEDIA

(Continued)

Course: Newspaper III Honors

Grade Level(s): 12

Course Pre-requisites: Newspaper II and teacher recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: Newspaper III is a production class focusing on developing students' leadership abilities, which will be necessary for the publication of the student newspaper. The Crusader, both in print and online. Students in Newspaper III form the executive board and provide editorial control and direction for The Crusader. All students in Newspaper III will be expected to model leadership and appropriate behavior to younger media staff members. Students will also further develop skills learned in Newspaper II, including: practicing advanced journalistic writing skills; providing control and strategy for newspaper social media use, including Twitter and Facebook; planning and executing advanced newspaper design, for web and print; practicing advanced photojournalism techniques. Students will be expected to participate in covering extra-curricular activities and school related events.

Course: Photojournalism I (Honors Option)

Grade Level(s): 11 and 12

Course Pre-requisites: None

PSAT: ERW- None/ Math None

Credit: 1

Description: Photojournalism I is an introduction to the subject of photojournalism with an emphasis on practicing digital photography through the coverage of school events. This course is designed for students interested in learning about digital photography through practical experience. No experience with cameras or photography is required for success in this course. The goal of this course is to publish the best student photos in all Gibbons media and publications (newspaper, digital video, yearbook, the Gibbons website, etc.), in print and online, and students will collaborate closely with students in newspaper and yearbook, in particular. Students will be expected to participate in

covering extra-curricular activities and school related events.

Course: Photojournalism II Honors

Grade Level(s): 12

Course Pre-requisites: None and teacher recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: Photojournalism II builds on the foundation of Photojournalism I, emphasizing the use of advanced equipment and techniques to deliver superior quality images. This course is designed for students with a serious interest in photojournalism and/or those who wish to hone their digital photography skills through the practical application of covering school events. Students will be expected to participate in covering extra-curricular activities and school related events. Students will be expected to participate in covering extra-curricular activities and school related events.

Course: Yearbook I (Honors Option)

Grade Level(s): 10, 11 and 12

Course Pre-requisites: Media I or teacher recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: Yearbook I is a production class focusing on learning and developing the skills necessary for the creation and publication of The Landmark yearbook. Yearbook students collaborate with each other and other media students to cover all the memorable Gibbons events through-out the year. Yearbook students also create and develop a unique yearbook theme, culminating in the publication of the yearbook and the yearbook supplement each year. Students will be expected to participate in covering extra-curricular activities and school related events.

MEDIA

(Continued)

Course: Yearbook II Honors

Grade Level(s): 11 and 12

Course Pre-requisites: Yearbook I and teacher recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: Yearbook II is a production class focusing on developing students' leadership abilities, which will be necessary for the publication of The Landmark yearbook. Yearbook students collaborate with each other and other media students to cover all the memorable Gibbons events throughout the year. Students in Yearbook II will be assigned leadership roles such as Editor-in-Chief, Managing Editor, Layout Editor and Section Editor and together will provide editorial control and direction for The Landmark. Students will be expected to participate in covering extra-curricular activities and school related events.

Course: Yearbook III Honors

Grade Level(s): 12

Course Pre-requisites: Yearbook II and teacher recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: Yearbook III is a production class focusing on developing students' leadership abilities, which will be necessary for the publication of The Landmark yearbook. Yearbook students collaborate with each other and other media students to cover all the memorable Gibbons events throughout the year. Students in Yearbook III will be assigned leadership roles such as Editor-in-Chief, Managing Editor, Layout Editor and Section Editor and together will provide editorial control and direction for The Landmark. Students will be expected to participate in covering extra-curricular activities and school related events.

Course: Creative Video I* (Honors Option)

Grade Level(s): ALL

Course Pre-requisites: None

PSAT: ERW- None/ Math None

Credit: 1

Description: Creative Video: is a yearlong project-based curriculum that develops career and communication skills in digital video production, using various digital video tools. Creative Video curriculum develops four key skill areas: Project management and collaboration, Design, Research and communication, and Professional video production. Students engage in skills to learn storytelling, capturing and editing video and audio, and finalizing content for DVD, web, or digital videotape. Students gain experience through real-world projects that help them understand roles and processes across a broad range of careers involving digital video. Students are required to participate in events occurring after school and on weekends. Students will be able to attend a two day camp during the summer to gain experience with equipment.

Course: Creative Video II (Honors Option)

Grade Level(s): 10, 11, and 12

Course Pre-requisites: Creative Video I and teacher recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: Creative Video II: is a yearlong, project-based curriculum that develops career and communication skills in digital video production, using various digital video tools. Students will expand on the various skills obtained during Creative Video I and learn new tools to use in producing various projects. These skills will include preproduction, production and postproduction of various projects. Collaboration will occur between Drama and Journalism classes during the school year to produce movies, broadcasts and other projects. Students are required to participate in events occurring after school and on week-ends. A two day camp will be held during the summer to prepare students for the school year.

MEDIA

(Continued)

Course: Creative Video III Honors

Grade Level(s): 11 and 12

Course Pre-requisites: Creative Video II
and teacher recommendation

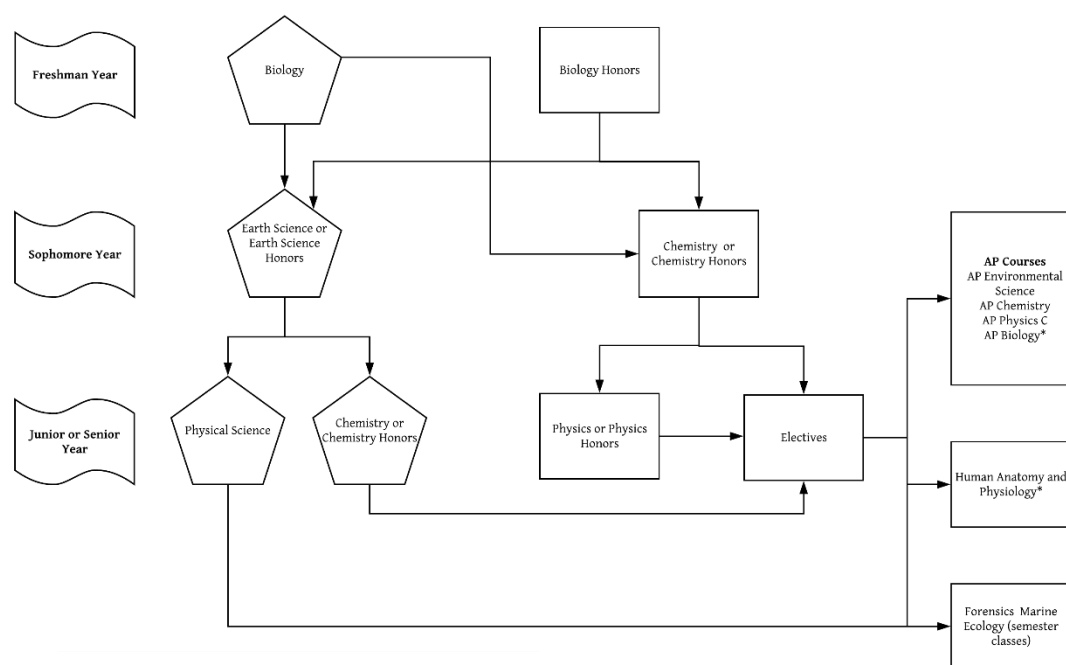
PSAT: ERW- None/ Math None

Credit: 1

Description: Students must have taken Creative Video I and II to enter this course. It will be taught concurrently with Creative Video I and II. Students will produce various events. Projects will include video projects for various departments at school. Creative Video III students will also learn advance software capabilities.

SCIENCE

Science Department Course Pathway



Junior year science provides various options for Senior year science options. Please check the CGHS Course of Studies for prerequisites and course placement requirements.

*indicate Senior year only courses

SCIENCE

Course: Biology

Grade Level(s): 9

Course Pre-requisites: None

PSAT: ERW- None/ Math None

Credit:

Description: This laboratory course covers the chemical and physical nature of living things with an emphasis on the cell, its anatomy, and physiology. The course includes a general survey of all 6 kingdoms focusing on their interactions with each other, their relationship with humans, and the basic principles of Ecology. Emphasis is placed upon the skills of microscope use, safe laboratory practices, dissection and the continuing use of proper scientific methods.

Course: Biology Honors

Grade Level(s): 9

Course Pre-requisites: Minimum of an A in Grade 8 Science, placement in Math II or higher math and placement in English 9 Honors

PSAT: ERW- None/ Math None

Credit: 1

Description: Biology Honors will cover most areas of Biology. An emphasis is placed on inquiry to discover the major concepts in Biology - energy and matter, maintenance of equilibrium, evolution, interactions, interdependence, genetic continuity, growth and differentiation, and the place of science in society. Laboratory experience is extensive. This course is designed to help students begin to view life from the level of the biosphere to the molecular level. Students will be required to do numerous lab reports.

Course: Earth Science

Grade Level(s): 10

Course Pre-requisites: Completion of Biology or Biology Honors

PSAT: ERW- None/ Math None

Credit: 1

Description: The Earth Science curriculum focuses on the function of the earth's systems. Emphasis is placed on crustal dynamics, models of the earth, minerals and rocks, geologic history, earth's motions, and environmental awareness. Students will develop knowledge of measurements and skill in making observations to use in future science courses.

Course: Earth Science Honors

Grade Level(s): 10

Course Pre-requisites: Minimum of an A in Biology or B+ in Biology Honors and teacher recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: Earth Science Honors will be an in-depth laboratory course with concentrations in geology, meteorology, oceanography, and astronomy. The course will allow students to perform hands-on experimentation and conduct field research. This accelerated course will include topics in weather analysis, global climate patterns, erosion processes and controls, geological history, and current astrological discussions. The students will apply knowledge of the subject matter to current local and global problems. A minimum of two research projects encompassing field study will be required.

SCIENCE

(Continued)

Course: Physical Science

Grade Level(s): 11

Course Pre-requisites: Teacher Recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: This course is designed to give students an introduction to two subjects: physics and chemistry. Students will develop problem-solving skills and a basic knowledge in physics. Major topics discussed are motion, forces, work, energy, waves, sound, light, and electricity. Students will develop critical thinking skills and a basic knowledge in chemistry. Major topics discussed are matter, the atom, the periodic table, compounds, chemical reactions, solutions, and nuclear changes. During both semesters, students will perform numerous labs that will enhance their data collection, interpretation, and graphing skills.

Course: Chemistry

Grade Level(s): 10, 11, and 12

Course Pre-requisites: Minimum of a B in Biology or B- in Biology Honors, placement in Math III or higher and/or a minimum of a B in Earth Science or B- in Earth Science Honors and teacher recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: This laboratory course will investigate the structure, properties, and composition of matter. Mathematical rigor will be emphasized, and students will need a strong foundation in math. This course will cover basic first year college concepts in chemistry such as atomic and molecular structure, the periodic table, chemical bonds and reactions, equilibrium, thermochemistry, kinetic theory, solutions, and acids and bases. Students should be prepared for a demanding course load and a relatively fast-paced presentation of material. Critical thinking, problem solving, scientific inquiry, and concept mastery are the cornerstones of this course.

Course: Chemistry Honors

Grade Level(s): 10, 11, and 12

Course Pre-requisites: Minimum of an A in Biology or B+ Biology Honors and placement in Math III Honors or higher and teacher recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: Chemistry Honors is an in-depth laboratory course requiring extensive self-motivation and self-monitoring. By programmatically infusing concept mastery, critical thinking, problem solving, and laboratory experimentation strands, this program underpins and expands upon the facts, formulas, and principles of a regular chemistry course. This course is geared toward why chemistry happens, and students will be required to explain what happens using mathematical skills with little difficulty. Extensive laboratory experimentation highlights this course.

Course: Physics

Grade Level(s): 11 and 12

Course Pre-requisites: Minimum of a B in Chemistry or Chemistry Honors, a minimum of a B+ in Math III or higher, and placement into AFM Honors or higher and teacher recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: In this laboratory course, students will actively study classical kinetics and dynamics of motion, work and energy, momentum and collisions, magnetism and electricity, sound, and light. Emphasis will focus on the development of critical thinking skills and problem solving.

SCIENCE

(Continued)

Course: Physics Honors

Grade Level(s): 11 and 12

Course Pre-requisites: Minimum of an A in Math III or higher math and an A in Chemistry or B in Chemistry Honors; enrolled in Honors Precalculus or higher math while taking Physics Honors and teacher recommendation

PSAT: ERW- None/ Math 570

Credit: 1

Description: This is a fast-paced laboratory course with emphasis on mastery of graphical techniques of data analysis. The course covers Newtonian mechanics, waves, optics, electricity, and magnetism. Much class time is devoted to lab investigations. These investigations foster student engagement in the practice of science through experimenting, analyzing, making conjectures and arguments, and solving problems in a collaborative setting.

Course: AP Physics C: Mechanics

Grade Level(s): 12

Course Pre-requisites: Minimum of a B in Physics or Physics Honors starting with the class of 2020. (First year of Physics requirement waived for the class of 2019). Minimum of a B in Precalculus or Precalculus Honors; enrolled in AP Calculus AB or higher math while taking AP Physics C and teacher recommendation.

PSAT: ERW- None/ Math 570

Credit: 1

Description: AP Physics C is an extensive and demanding study of mechanics. AP Physics C: Mechanics is equivalent to a one-semester, calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as kinematics; Newton's laws of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation.

Introductory differential and integral calculus is used throughout the course. Students will be responsible to complete a summer assignment for this course.

Course: AP Environmental Science

Grade Level(s): 11 and 12

Course Pre-requisites: Minimum of a B+ in Chemistry or a B in Chemistry Honors and teacher recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: This laboratory course is intended to prepare the student to earn college credit by passing the AP test in environmental science. It will provide students with knowledge of the principles that underlie the interrelationships of the natural world and methods to identify and analyze natural problems and human-caused problems in the environment along with examination of possible solutions to these problems. Environmental Science uses much of the knowledge students gained in Biology, Chemistry, and Math III classes to investigate relationships and problems in the environment. Much of the lab work is done outdoors. Due to limited classroom time, Saturday and after school labs may be required. Students will be responsible to complete a summer assignment for this course.

SCIENCE

(Continued)

Course: AP Chemistry

Grade Level(s): 11 and 12

Course Pre-requisites: Minimum of a B+ in Chemistry Honors or an A in Chemistry and teacher recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: This laboratory course is intended to prepare the student to earn college credit by passing the AP test in chemistry. This course is presented at college level and at an accelerated pace. This second-year chemistry course will present first year topics in greater detail and will additionally explore solubility, equilibrium, weak acids and bases, buffers, thermodynamics, kinetics, electrochemistry, complex ions, analysis, and nuclear chemistry. The course is intended to fully cover all topics in college freshman year chemistry, but will not include organic chemistry. AP Chemistry is recommended for students with a serious interest in science or those who are considering health care careers. Students will be responsible to complete a summer assignment for this course.

Course: AP Biology

Grade Level(s): 12

Course Pre-requisites: Minimum of a A or better in Chemistry or B+ in Chemistry honors and a minimum of an A in Biology or B+ in Biology Honors and teacher recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: This course is equivalent to two semesters of college-level biology and provides an in-depth exploration of many areas of Biology. We will cover biochemistry, cells, heredity, evolution, organisms, and ecology. Students will be required to perform laboratory investigations throughout the course with lab reports and presentations to demonstrate their understanding of the topics covered in lab. Students will be required to complete summer work related to Biology, which will be submitted throughout the summer.

Course: Anatomy and Physiology Honors

Grade Level(s): 12

Course Pre-requisites: Successful completion of Biology and Math III and a minimum of a B in Chemistry and teacher recommendation

PSAT: ERW- None/ Math None

Credit: 1

Description: This year-long course is designed to introduce students to the structure and function of the human body. It is of special interest to students who intend to pursue careers in the allied health fields. Building in an understanding of anatomical vocabulary, concepts and physiological processes, rather than rote memorization, is emphasized. Discussions of clinical examples, current research techniques, and medical ethics occur to highlight these complementary areas. The meticulous dissection of several lower mammals and mammalian organs form the framework for the Gross Anatomy study. Physiology labs and microscopic studies of the various tissues enable the students to master good laboratory technique and report writing.

Course: Forensics

Grade Level(s): 11 and 12

Course Pre-requisites: Minimum of a C in Chemistry or a C in Physical Science

PSAT: ERW- None/ Math None

Co-requisites:

Credit: 0.5

Description: This semester course is designed to introduce students to topics such as fingerprinting, blood typing and spattering, trajectories comparative anatomy, and chemical analysis of drugs, poisons, and trace evidence. Through the use of various Science and Math topics, students will learn about the difference between real life forensics and "Hollywood" forensics. Coursework will include lab work and projects. Students will learn the steps in solving a mock crime. They will all be given the tools to interpret data and techniques involved for analysis of evidence.

SCIENCE

(Continued)

Course: Marine Ecology

Grade Level(s): 11 and 12

Course Pre-requisites: Completion of Biology and Earth Science or Chemistry

PSAT: ERW- None/ Math None

Co-requisites:

Credit: 0.5

Description: This course is designed to introduce students to the field of Marine Ecology. Topics covered will come from Earth Science, Biology, Environmental Science, and Zoology. Students will investigate the history of ocean exploration, the physical and chemical makeup of the oceans, the interaction between organisms and the oceans, the interaction between the land and the oceans and environmental issues that affect the oceans. Topics of special interest to North Carolina will be included. Laboratory investigations will be conducted throughout the course.

Course: Laboratory Assistant

Grade Level(s): 12

Course Pre-requisites: Teacher Recommendation

PSAT: ERW None/ Math None

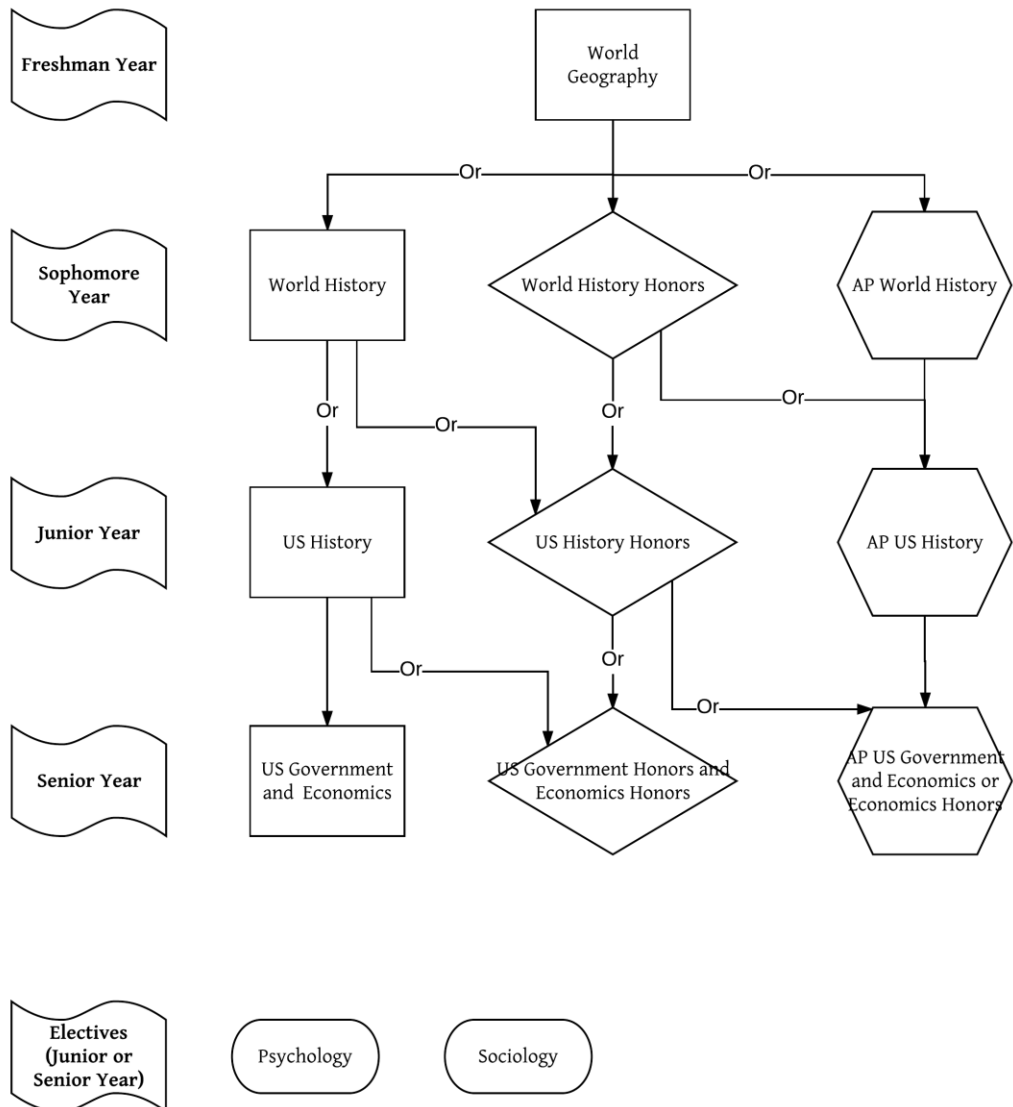
Co-requisites:

Credit: 0.25

Description: This lab course offers students the opportunity to explore laboratories in their favorite science course. Student will set up the classroom laboratories and classroom demonstrations and help the instructor break them down. Students will also help the instructor to manipulate experiments in order to test for possible outcomes to the standard laboratory. Emphasis is placed on general laboratory knowledge and a readiness to learn and explore new avenues in science.

SOCIAL STUDIES

Social Studies Department Course Pathway



SOCIAL STUDIES

(Continued)

Course: World Geography

Grade Level(s): 9

Course Pre-requisites: None

PSAT: ERW- None/ Math None

Credit: 0.5

Description: World Geography emphasizes the relationship between geography and culture in selected regions of the world. There will be special emphasis on map reading and analysis skills, note taking, problem solving and predicting, and the interrelatedness of the human and physical world. Topics include the Americas, Europe, Africa, Russia and the Eurasian Republics, the Middle East, and China.

Course: World History

Grade Level(s): 10

Course Pre-requisites: None

PSAT: ERW- None/ Math None

Credit: 1

Description: World History is a course in which students explore the story of the human experience. We will use the nine themes of History to guide us along our path of understanding this fascinating and complex subject. This course will place special emphasis on reading comprehension, analysis of primary sources, determining cause and effect, technology, and art.

Course: World History Honors

Grade Level(s): 10

Course Pre-requisites: Minimum of an A in English 9 or B in English 9 Honors and teacher recommendation

PSAT: ERW- 510/ Math None

Credit: 1

Description: World History Honors is a college-preparatory survey course designed to introduce students to a thematic approach to learning about human history. Attention will be given to preparing students to think and write analytically about world historical issues, trends, and events. Course work will include examination of primary and secondary sources

and the development of historical research and writing skills. Special emphasis will be placed on learning the historian's key skills of interpreting and analyzing evidence; determining cause and effect; assessing change and continuity over time; and comparative analysis, both across societies and across time periods.

Course: AP World History

Grade Level(s): 10

Course Pre-requisites: Minimum of an A in English 9 Honors and teacher recommendation

PSAT: ERW- 550/ Math None

Credit: 1

Description: AP World History is a college-level survey course designed to introduce students to a thematic approach to learning about human history and to prepare students for more advanced studies at the high school and college levels. Attention will also be given to preparing students for the AP World History exam, including extensive examination of primary and secondary sources, comparative and analytical historical research, and effective essay writing. Special emphasis will be placed on learning the historian's key skills of interpreting evidence, analyzing point of view; assessing change and continuity over time; and comparative analysis, both across societies and across time periods.

Course: US History

Grade Level(s): 11

Course Pre-requisites: None

PSAT: ERW- None/ Math None

Credit: 1

Description: U.S. History is a required course which surveys the growth and development of the United States and its people from colonization to Reconstruction (semester 1) and from the post-Civil War economic developments to the present (semester 2). The events of our national history are viewed in terms of the impact they have had on the political, economic, social, and cultural character of American society.

SOCIAL STUDIES

(Continued)

Course: US History Honors

Grade Level(s): 11

Course Pre-requisites: Minimum of an A in World History, a B in World History Honors, or a C in AP World History and teacher recommendation

PSAT: ERW- 550/ Math None

Credit: 1

Description: U.S. Honors is a year-long survey course which fulfills the US History requirement. Semester 1 will be devoted to a study of the Colonial period through the Civil War. Semester 2 will cover Reconstruction to the 1970s. An extensive amount of reading, writing, and research will be required.

Course: AP US History

Grade Level(s): 11

Course Pre-requisites: Minimum of an A in World History Honors or a B in AP World History and teacher recommendation

PSAT: ERW- 590/ Math None

Credit: 1

Description: AP U.S. History is a college-level introductory course which focuses on developing students' abilities to think conceptually about U.S. history from approximately 1491 to the present and apply historical thinking skills as they learn about the past. Seven Themes of equal importance – National Identity; Migration and Settlement; Politics and Power; Work, Exchange, and Technology; America in the World; Environment and Geography; and Culture and Society – provide areas of historical inquiry for investigation throughout the course. These require students to reason historically about continuity and change over time and make comparisons among various historical developments in different times and places. In this pursuit, the acquisition of factual knowledge is the beginning of the process, but the main focus of the course will be the application of historical thinking skills and themes. Students will be responsible for completing a summer assignment for this course.

Course: US Government

Grade Level(s): 12

Course Pre-requisites: None

PSAT: ERW- None/ Math None

Credit: 0.5

Description: U.S. Government is a required semester course which concentrates on the democratic principles upon which the United States was founded. The meaning of citizenship in terms of the rights and responsibilities of the people of the United States is stressed. Areas examined include: the adoption of the Constitution, the three branches of government, local and state governments, the art of politics, and current events.

Course: US Government Honors

Grade Level(s): 12

Course Pre-requisites: Minimum of an A in US History, a B in US History Honors or a C in AP US History and teacher recommendation

PSAT: ERW- 570/ Math None

Credit: 0.5

Description: U.S. Government Honors is a semester survey course which examines the democratic system upon which the United States government is based. The rights and responsibilities of citizens, the federal system as established by the Constitution, political parties, the workings of the three branches of government, and state and local governments will be studied in some depth. Emphasis will be placed on the examination of the workings of the U.S. judicial system.

SOCIAL STUDIES

(Continued)

Course: AP US Government

Grade Level(s): 12

Course Pre-requisites: Minimum of an A in US History Honors or a B in AP US History and teacher recommendation

PSAT: ERW- 590/ Math None

Credit: 1

Description: AP U.S. Government and Politics is a rigorous course which provides an analytical perspective on government and politics in the United States. It will familiarize students with various institutions, groups, beliefs, and ideas that constitute U.S. Politics. Topics covered include: the constitutional underpinnings of the United States government, political beliefs and behaviors, political parties, interest groups, mass media, institutions of the national government, public policy, and civil rights and civil liberties.

Course: Economics

Grade Level(s): 12

Course Pre-requisites: None

PSAT: ERW- None/ Math None

Credit: 0.5

Description: Economics is a required course which aims at introducing the fundamental principles and theories of economics. Basic issues of scarcity, supply and demand, markets, the role of government, employment, inflation, and money and banking are examined.

Course: Economics Honors

Grade Level(s): 12

Course Pre-requisites: Minimum of an A in US History, a B in US History Honors or a C in AP US History and teacher recommendation

PSAT: ERW- 570/ Math 550

Credit: 0.5

Description: Economics Honors is a semester survey course which introduces the fundamental principles of economics. Basic concepts of scarcity, supply and demand, price determination, the role of government, the Federal Reserve system, and business

organizations will be examined. The course will focus on the impact of the commodities market on the domestic and global economies.

Course: Psychology (Honors Option)

Grade Level(s): 11 and 12

Course Pre-requisites: None

PSAT: ERW- None/ Math None

Credit: 0.5

Description: Psychology is an honors option, elective course that engages students in the understanding, articulation, and dissemination of psychology as a social science. Students are introduced to psychology, with the study of human development, learning, motivation, and personality. It emphasizes the empirical examination of behavior and mental processes, and it infuses varying perspectives that foster students' growth, and promotes an understanding of social conformity and obedience. Students of psychology will acquire information from a variety of sources, use information as they draw conclusions, make evaluations, and solve problems.

Course: Sociology (Honors Option)

Grade Level(s): 11 and 12

Course Pre-requisites: None

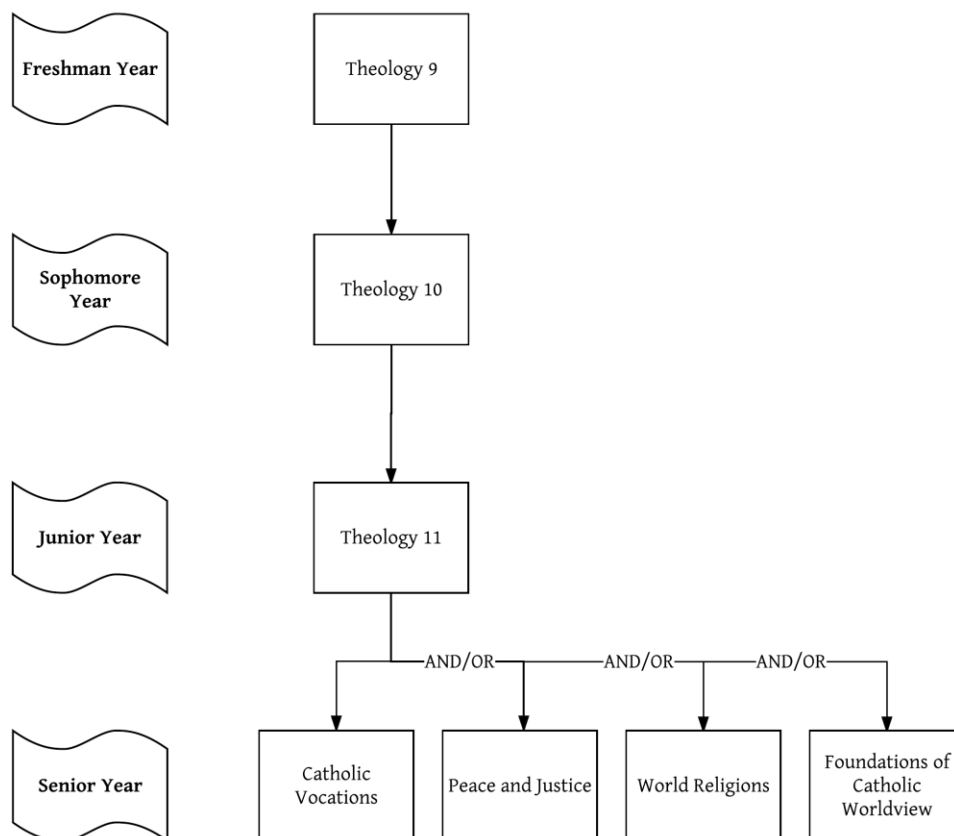
PSAT: ERW- None/ Math None

Credit: 0.5

Description: Sociology is an honors option, elective course that engages students in the understanding, articulation, and dissemination of sociology as a behavioral science. Students are introduced to sociology, with the study of culture, socialization, societal inequities, and social change. It emphasizes the observation of collective human behaviors, and it infuses varying perspectives that foster students' growth, and promotes an understanding of social norms, values, and common practices across different societies and groups. Students of Sociology will acquire information from a variety of sources as they draw conclusions, make evaluations, and solve problems.

THEOLOGY

Theology Department Course Pathway



Senior Theology
Electives are semester
courses; seniors take two
courses.

THEOLOGY

Course: Theology 9

Grade Level(s): 9

Course Pre-requisites: None

Credit: 1

Description: This course serves two purposes:

1) “to introduce students to the Mystery of Jesus Christ, the Living Word of God, and the second Person of the Blessed Trinity. In this course students will understand that Jesus Christ is the ultimate revelation to us from God. In learning about who he is, the students will also learn who he calls them to be”; (Doctrinal Elements of a Curriculum Framework for the Development of Catechetical Materials for Young People of High School Age, p.6) and (2) “to help students understand that they can encounter Christ today in a full and real way in and through the sacraments, and especially through the Eucharist. Students will examine each of the Sacraments in detail so as to learn how they may encounter Christ throughout life.” (Doctrinal Elements of a Curriculum Framework for the Development of Catechetical Materials for Young People of High School Age, p.20) Corresponds to USCCB Curriculum Framework Core Courses II (“Who Is Jesus Christ?”) & V (“Sacraments as Privileged Encounters with Jesus Christ”)

Jesus Christ more personally”; (Doctrinal Elements of a Curriculum Framework for the Development of Catechetical Materials for Young People of High School Age, p.2). and (2) “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 and what life as a disciple entails.” (Doctrinal Elements of a Curriculum Framework for the Development of Catechetical Materials for Young People of High School Age, p.11). Corresponds to USCCB Curriculum Framework Core Courses I (“The Revelation of Jesus Christ in Scripture”) & III (“The Mission of Jesus Christ”), and Elective Option A (“Sacred Scripture”).

Course: Theology 10

Grade Level(s): 10

Course Pre-requisites: None

Credit: 1

Description: This course serves two purposes:

(1) “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. The students will pay particular attention to the Gospels where they may grow to know and love

THEOLOGY *(Continued)*

Course: Theology 11 (**Honors Option**)

Grade Level(s): 11

Course Pre-requisites: None

Credit: 1

Description: The purpose of this course is to help the students understand that in and through the Church they encounter the Living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by him through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today. This body has both Divine and human elements. In this course, students will learn not so much about events in the life of the Church but about the sacred nature of the Church.” (Doctrinal Elements of a Curriculum Framework for the Development of Catechetical Materials for Young People of High School Age, p.15). Additionally, this course will help students understand that it is only through Christ that they can fully live out God’s plans for their lives. Students are to learn the moral concepts and precepts that govern the lives of Christ’s disciples.” (Doctrinal Elements of a Curriculum Framework for the Development of Catechetical Materials for Young People of High School Age, p.27). Corresponds to USCCB Curriculum Framework Core Course IV (“Jesus Christ’s Mission Continues in the Church”) & Elective Option B (“History of the Catholic Church”). Corresponds to USCCB Curriculum Framework Core Course VI (“Life in Jesus Christ”).

Course: Peace and Justice (**Honors Option**)

Grade Level(s): 12

Course Pre-requisites: None

Credit: 0.5

Description: The purpose of this course is to introduce students to the Church’s Social Teaching. In this course students are to learn how Christ’s concern for others, especially the poor and needy, is present today in the Church’s social teaching and mission. This course focuses on Church teaching with respect to poverty, the environment, and war, as well as the impact of social justice themes in the

Gospels as they intersect with crucial public policy debates concerning life issues, prejudice, racism and the right to work. (Doctrinal Elements of a Curriculum Framework for the Development of Catechetical Materials for Young People of High School Age, p.40). Corresponds to USCCB Curriculum Framework Elective Option C (“Living as a Disciple of Jesus Christ in Society”)

Course: World Religions (**Honors Option**)

Grade Level(s): 12

Course Pre-requisites: None

Credit: 0.5

Description: The purpose of this course is to help students understand the manner in which the Catholic Church relates to non-Catholic Christians as well as to other religions of the world. Building on the foundational truth that Jesus Christ established the Catholic Church and entrusted to her the fullness of God’s Revelation, the course is intended to help students to recognize the ways in which important spiritual truths can also be found in non-Catholic Christian churches and ecclesial communities as well as in non-Christian religions. It is also intended to help them to recognize the ways in which other systems and practices differ from the Catholic faith. (Doctrinal Elements of a Curriculum Framework for the Development of Catechetical Materials for Young People of High School Age, p.49) Corresponds to USCCB Curriculum Framework Elective Option E (“Ecumenical and Interreligious Issues”)

THEOLOGY *(Continued)*

Course: Foundations of the Catholic Worldview (**Honors Option**)

Grade Level(s): 12

Course Pre-requisites: None

Credit: 0.5

Description: The purpose of this course is to introduce students to the philosophical foundations of Catholicism by examining the lives and thought of philosophers and theologians who have contributed significantly to the establishment of that foundation. Emphasis is placed especially on Plato and successive Christian 'Platonists' like St. Augustine, and on Aristotle and Christian 'Aristotelians' like St. Thomas Aquinas. The relationship between these philosophers and their Christian successors is used as a model for understanding the relationship between (1) Catholicism and secular culture, (2) reason and revelation, and (3) Catholic thought and Catholic life. Contemporary Thomistic Catholics and the Church's responses to Modern and Post-modern worldviews are also considered.

Course: Catholic Vocations (**Honors Option**)

Grade Level(s): 12

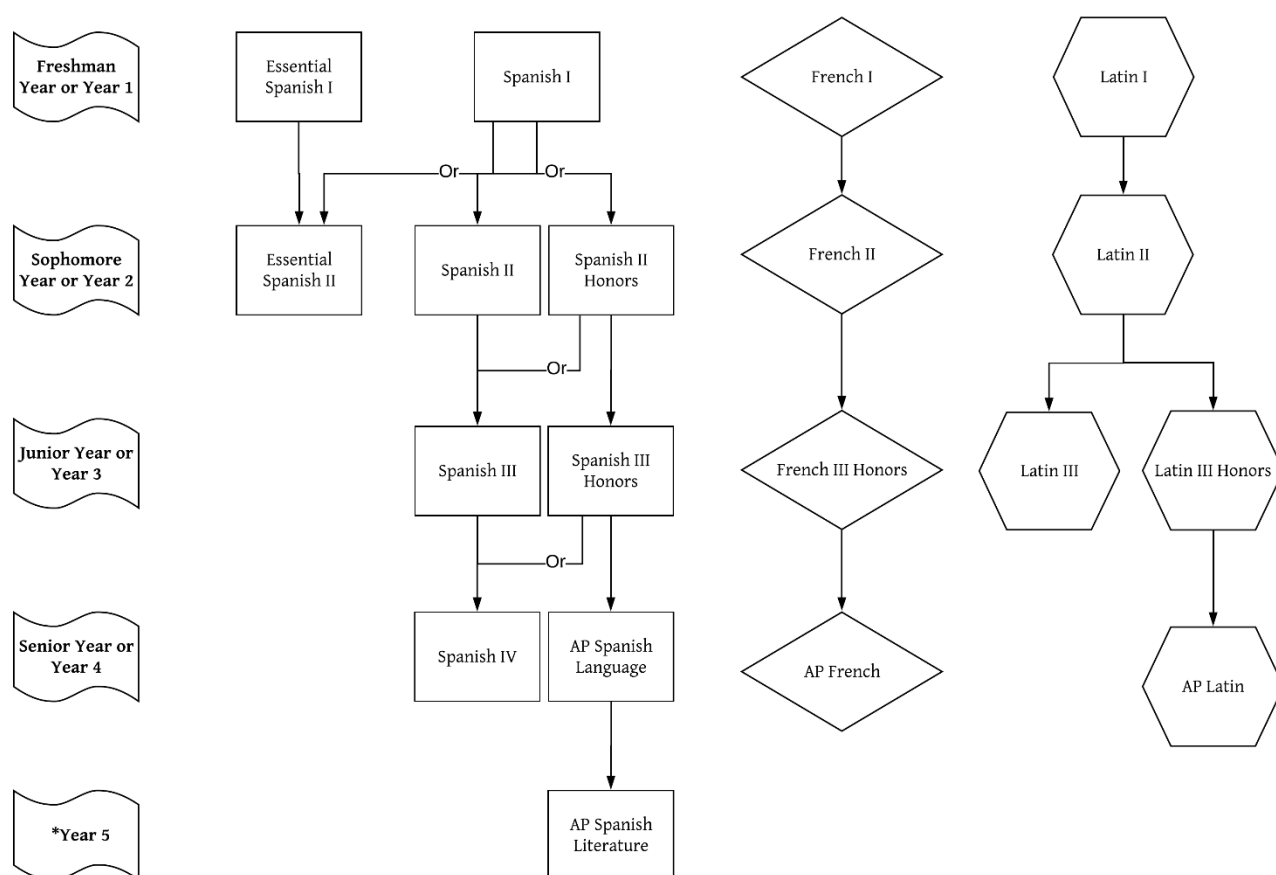
Course Pre-requisites: None

Credit: 0.5

Description: The purpose of this course is to help students to understand the vocations of life: how Christ calls us to live. In this course students should learn how all vocations are similar and how they differ. The course should be structured around married life, single life, priestly life, and consecrated life. Students should learn what it means to live life for the benefit of others and the value in considering a vocation in service to the Christian community. (Doctrinal Elements of a Curriculum Framework for the Development of Catechetical Materials for Young People of High School Age, p.44) Corresponds to USCCB Curriculum Framework Elective Option D ("Responding to the Call of Jesus Christ").

WORLD LANGUAGES

World Languages Department Course Pathway



Students, upon entering CGHS can take a placement exam in any of our World Languages in order to be placed in a higher level course.

WORLD LANGUAGES

(Continued)

Course: Latin I

Grade Level(s): ALL

Course Pre-requisites: None

Credit: 1

Description: Latin I is designed to enable students to acquire mastery of the basic structure and syntax of the Latin language; to integrate familiarity with Latin vocabulary with English derivatives and word usage; and to develop the basic language skills of reading comprehension, writing, listening, and oral reading in Latin. Students will acquire an informed appreciation of the profound influence of Roman language and civilization on the western world and upon Roman Catholic Christianity.

Course: Latin II

Grade Level(s): ALL

Course Pre-requisites: Minimum average of a C in Latin I and teacher recommendation

Credit: 1

Description: Latin II uses more advanced grammatical structures and provides extensive reading material designed to enable students to get meaning quickly out of the Latin sentences and paragraphs. Students will continue with their study of Roman history, mythology, and the influence of Roman culture on western civilization as a whole.

Course: Latin III

Grade Level(s): ALL

Course Pre-requisites: Minimum average of a C+ in Latin II and teacher recommendation

Credit: 1

Description: Latin III begins with a comprehensive review of Latin grammar followed by the introduction and master of advanced Latin grammar. Students will read and translate some modified texts about Roman culture and history and Greek

mythology. The course will culminate with selected readings from Roman authors considered appropriate for an intermediate level, such as Catullus, Ovid, and Pliny the Younger. Students completing this course will not be eligible to take AP Latin.

Course: Latin III Honors

Grade Level(s): ALL

Course Pre-requisites: Minimum average of an A- in Latin II and teacher recommendation

Credit: 1

Description: Latin III is an accelerated course which continues the program and the purpose of Latin I and Latin II while preparing students for the AP Latin course. Students acquire proficiency in advanced Latin Grammar and deepend their knowledge of Roman history, culture, and mythology. The course will include the practice of oral reading, listening, translating, and interpretation and analysis of Latin texts. The course will culminate with selected readings in Latin from Caesar's *De Bellō Gallicō* and Vergil's *Aeneid*.

Course: AP Latin: Caesar and Vergil

Grade Level(s): 10, 11, and 12

Course Pre-requisites: Minimum average of a B+ in Latin III Honors and teacher recommendation

Credit: 1

Description: AP Latin is designed for the truly exceptional student of Latin who wishes to undertake the challenge of the study of two of the most read and greatest works of Western literature: *De Bellō Gallicō* by Julius Caesar and the *Aeneid* by Vergil. The course is extremely rigorous and will require a summer commitment. The AP Latin Exam will test some or all of the following abilities: 1) to write in literal English translation of a Latin passage, 2) to explicate specific words or phrases in context, 3) to identify the context and significance of a short excerpt, 4) to analyze and discuss structure and to demonstrate an awareness of the features used in the construction of poetry and prose. The AP course is designed to fulfill the objectives established by the College Board. Students will be responsible to complete a summer assignment for this course

WORLD LANGUAGES

(Continued)

Course: French I

Grade Level(s): ALL

Course Pre-requisites: None

Credit: 1

Description: French I offers students the opportunity to acquire a beginner's level of proficiency in the basic skills of understanding, speaking, reading, and writing French, and it provides an introduction to the cultures of the French-speaking world.

Course: French II

Grade Level(s): ALL

Course Pre-requisites: Minimum average of a C in French I and teacher recommendation

Credit: 1

Description: French II offers students the opportunity to achieve an advanced beginner's level of proficiency in the basic skills of understanding, speaking, reading, and writing French, and it provides further glimpses into the cultures of the French-speaking world.

Course: French III Honors

Grade Level(s): ALL

Course Pre-requisites: Minimum average of a B+ in French II and teacher recommendation

Credit: 1

Description: French III Honors offers the students the opportunity to achieve an intermediate level of proficiency in the basic skills of understanding, speaking, reading, and writing French. It continues the exploration of the cultures of the French-speaking world by means of articles, stories, literature, history, and film in French.

Course: AP French

Grade Level(s): 10, 11, and 12

Course Pre-requisites: Minimum average of a B+ in French III Honors or French IV Honors and teacher recommendation

Credit: 1

Description: This course follows the prescribed curriculum of the Advanced Placement program. It provides an in-depth study of the French language through extensive reading, writing, speaking, and composition at the college level.

Course: Essential Spanish I

Grade Level(s): 9, 10, and 11

Course Pre-requisites: None

Credit: 1

Description: This course will gradually introduce students to basic grammar, vocabulary, and structures of Spanish. Emphasis will be placed on high frequency and useful expressions for everyday communication. Upon completion of Spanish I Essential, students take Spanish II Essential, a terminal course, which will fulfill the second year language requirement.

Course: Spanish I

Grade Level(s): ALL

Course Pre-requisites: None

Credit: 1

Description: This course offers the opportunity to get acquainted with the Spanish language. The students will practice pronunciation and will work to acquire mastery of the basic structure and syntax of the language. While studying basic grammar structures, the students will also learn about the culture for both Spain and Latin America. The course will start working on the beginner's level of proficiency in the four areas of communication: speaking, reading, writing, and listening.

WORLD LANGUAGES

(Continued)

Course: Essential Spanish II

Grade Level(s): 10, 11, and 12

Course Pre-requisites: Teacher Recommendation

Credit: 1

Description: This course is designed for students who plan to end their language studies upon completion of Spanish II. The focus of this course is primarily on conversation and culture, rather than on increased mastery of grammar and syntax. This course does not qualify a student for admission to either third level of Spanish.

Course: Spanish II

Grade Level(s): ALL

Course Pre-requisites: Minimum average of a C in Spanish I and teacher recommendation

Credit: 1

Description: A continuation of Spanish I, this course offers students the opportunity to achieve an advanced beginner's level of proficiency in the basic skills of understanding, speaking, reading, and writing Spanish. It also provides further glimpses into the culture of the Spanish-speaking world.

Course: Spanish II Honors

Grade Level(s): ALL

Course Pre-requisites: Minimum average of a B+ in Spanish I or score on Spanish placement test and teacher recommendation

Credit: 1

Description: This class is for those students who exhibited an excellent command of the language in Spanish I or scored well on the Spanish Placement Exam. Spanish II Honors emphasizes an accelerated study of grammar, reading, speaking, listening, and writing. This course will also emphasize Hispanic culture by means of articles, literature, and history.

Course: Spanish III

Grade Level(s): ALL

Course Pre-requisites: Minimum of a C+ average in Spanish II Honors or Spanish II and teacher recommendation

Credit: 1

Description: This course begins with a comprehensive review of Spanish grammar followed by the introduction and mastery of advanced grammar. Grammar and syntax are coordinated with readings of Hispanic culture and literature. Emphasis is also placed on developing conversational and written skills through the use of thematic vocabulary units dealing with everyday situations. Activities are used to develop oral/aural proficiency.

Course: Spanish III Honors

Grade Level(s): ALL

Course Pre-requisites: Minimum of a B+ average in Spanish II Honors and teacher recommendation

Credit: 1

Description: In this course, students will continue to work on listening, speaking, reading, and writing skills. All verb tenses of the Spanish language will be covered. There will be extensive reading for comprehension and vocabulary building. Students will be expected to participate in listening and/or speaking activities on a daily basis. The emphasis of the course will be on mastery of the material.

WORLD LANGUAGES

(Continued)

Course: Spanish IV

Grade Level(s): 10, 11, and 12

Course Pre-requisites: Minimum of a C+ average in Spanish III or Spanish III Honors and teacher recommendation

Credit: 1

Description: This college prep course is a continuation of Spanish III. It will consist of further study of advanced grammar and vocabulary, along with further development of skills in reading, writing, listening comprehension, and speaking.

Course: AP Spanish Language

Grade Level(s): 10, 11, and 12

Course Pre-requisites: Minimum of a B+ average in Spanish III Honors and teacher recommendation

Credit: 1

Description: This course follows the prescribed curriculum of the AP Program. It provides an in-depth study of the Spanish language through extensive reading, writing, speaking, and composition at the college level.

Course: AP Spanish Literature

Grade Level(s): 11 and 12

Course Pre-requisites: Minimum of a B+ average in AP Spanish Language and teacher recommendation

Credit: 1

Description: AP Spanish Literature is an advanced course designed to be the final step of preparation at the high school level. This course focuses on analyzing the literary selections on the AP Literature list. The course will concentrate on different literary genres: poetry, short stories, drama, and longer prose; the students will read, analyze, discuss, compare, and write extensively on these readings. There is a summer reading assignment for preparation for this course.

AUXILLARY SERVICES AND STUDY HALL

Course: Curriculum Assistance

Grade Level(s): ALL

Course Pre-requisites: Teacher
Recommendation

Credit: 1

Description: The Curriculum Assistance program is for students with documented learning differences. The purpose of the program is to provide individual assistance in the area of organizational skills; and to give academic support in course work. Prior to acceptance into the program, test scores, diagnostic evaluations and other pertinent material will be reviewed to determine eligibility and to identify the specific accommodations that can be made for the student. A grade of Pass or Fail is given for this course.

Course: Study Hall

Grade Level(s): ALL

Course Pre-requisites: None

Credit: 0

Description: Study Hall is a semester course which allows students to work on projects, assignments and school work. Students do not receive a grade nor earn credit toward graduation for this course. Study Hall is not listed on the CGHS Transcript.

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Nancy Beale - World Languages

Kevin Ferguson - Fine Arts

Jennifer Harrison - Media

James Liebler - Social Studies

Bill Liedy - Health and PE

Rick Martin - Theology

Dan Porter - Science

Catherine Sokash - English

Joan Troy - Math

Darsey Williams - Business

CGHS TYPICAL COURSES PER SCHOOL YEAR

FRESHMAN	Theology 9	English 9	Math	Biology	World Geography	World Language	HPE*	Computer
SOPHOMORE	Theology 10	English 10	Math	Science	World History	World Language	*Art/Elective	
JUNIOR	Theology 11	English 11	Math	Science	US History	Elective, Art or World Language	Elective, Art or World Language	
SENIOR	Theology 12	English 12	Math	Science**	US Government and Economics	Elective, Art or World Language	Elective, Art or World Language	

*Students who enroll in Art, media or a computer elective are required to take two years of the course and complete the online HPE requirement.

**A fourth year of science is not required, but strongly recommended for all students.

COURSE REGISTRATION WORKSHEET

	9 th grade	10 th grade	11 th grade	12 th grade
English				
Math				
Science				
Social Studies				
World Languages				
Theology				
Fine Arts				
Health/PE				
Computers/ Tech Skills				
Electives				

Instructional tech guru Ms. Horman instructs our English 10 Honors students on the fundamentals of creating their podcasts. Stay tuned!



9:07 AM - 22 Sep 2017

GRADUATES ENJOY
100 %
 ACCEPTANCE
 TO THE FINEST COLLEGES
 AND UNIVERSITIES
 IN THE COUNTRY



Awesome day of exploring history, government, and environmental science! Thanks to [#apushcrew](#) & [#apesgang](#) for being awesome! [#CGAPgoesDT](#) 🇺🇸



4:13 PM - 4 Nov 2016

\$13 MILLION+



GIBBONS CLASS OF 2017 RECEIVED MORE THAN \$13 MILLION IN SCHOLARSHIPS.

CARDINAL GIBBONS
 HIGH SCHOOL
 FOSTERS AN ENERGETIC
 LEARNING ENVIRONMENT
 THAT EMBRACES CRITICAL
 THINKING, CREATIVITY, AND
 COLLABORATION IN A CARING
 CATHOLIC COMMUNITY.

75%
 OF THE
100+ EDUCATORS
 POSSESS AT LEAST
 A MASTER'S DEGREE

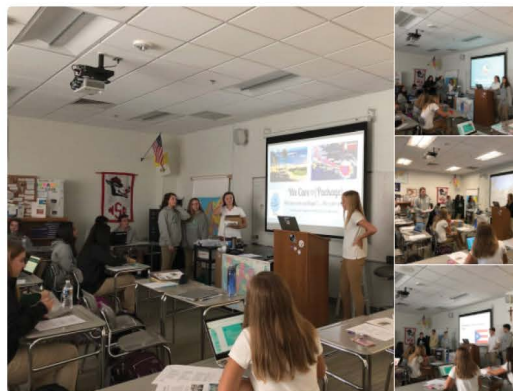
Grateful to have art and design guru Mr. Chris Kemple in class today to guide our students in developing their music project album covers!



50+

FIFTY PLUS
 CO-CURRICULARS

Beautiful collaboration of the CG mission and the content we teach. Thnks [@GordonGalloway1](#) [@Meyerlistic](#) for raising awareness about PR.



3:55 PM - 11 Oct 2017