

Table of Contents

General Information.....	2-5
Course Offerings	6-9
Curriculum Overview	10-11
Academic Support Program.....	12
Business Department	13
English Department	14-17
Fine Arts Department	18-20
Mathematics Department	21-23
Religion Department.....	24-25
Science Department.....	26-28
Social Studies Department	29-30
STEM Department.....	31
Technology (Non-STEM) Department	32-35
World Languages Department.....	36-38
General Electives	39
Proposed New Courses.....	40-41
Dual Credit Course Information	42
NCAA Clearinghouse Information.....	43-49
Index.....	50-53

GENERAL INFORMATION

Purpose of the Curriculum Guide

This curriculum guide is published to give students and their parents an awareness of the curriculum offered at Covington Catholic High School. A brief description of the content and expectations for each course is included.

Philosophy of the Curriculum

Recognizing that students have different academic abilities and educational needs, the Covington Catholic curriculum is designed to meet the potential of each student. The course curriculum is divided into the following broad categories:

- | | |
|-----------------------------------|-----------------------|
| 1. Academic -College Prep (CP) II | 4. Advanced Placement |
| 2. Academic- College Prep (CP) I | 5. Dual Credit |
| 3. Honors | |

Freshmen are placed in the various groups according to the results of the freshman placement test, grade school recommendations, and standardized testing.

Sophomores, juniors and seniors are placed in various courses as a result of personal interests and goals, educational proficiencies in subject areas, and previous teachers' recommendations.

The course designations 101/102, 110/111 indicate semester courses which must be taken in succession in order to receive course credit. Designating these courses as semester courses allows greater flexibility in scheduling upper level classes and establishes more pertinent 7th semester transcripts, which are sometimes required by colleges and universities.

Recommendations for course level changes (i.e. CPII to CPI, CPI to Honors/AP or vice versa in any scenario) will be reviewed by the instructor during the spring when scheduling occurs.

Students may make changes in course recommendations in one of two ways:

1. Students may be permitted to move from the CPII to a CPI level in required courses against the recommendation of the instructor. This will **ONLY** be permitted if scheduling allows and if the proper documentation is submitted per the guidance department's instructions.

Please note, however, that the above-stated policy does not apply to a student moving to a CPII, honors or advanced placement course. Students **WILL NOT** be permitted to move to these levels without the recommendation of the instructor.

2. Students may be permitted to take an elective course for which he is not recommended. This also will **ONLY** be permitted if scheduling allows and if the proper documentation is submitted per the guidance department's instructions.

In addition, students who have failed an elective may be permitted to repeat the course if scheduling allows and if the proper documentation is submitted per the guidance department's instructions.

Drop/Add Procedures

The drop/add period is as follows:

1. For full-year elective courses and first semester elective courses, the drop/add period will be in effect until the end of the second week of school in the first semester.
2. For second semester elective courses, the drop/add period will be in effect until the end of the second week of school in the second semester.

Only an instructor can recommend that a student drop a semester and/or full year elective course after the end of the drop/add period.

Withdraw/Failure

1. For a full-year elective course, a student must withdraw from the class by the end of the third quarter to receive a WF on his official transcript.
2. For a semester elective course, a student must withdraw from the class by the end of the fourth week of the second quarter of the semester course to receive a WF on his official transcript.

If a student earns a WF in a course, it will appear on his transcript but will not influence his grade point average. **Any student receiving a WF cannot take it in summer school, but may repeat it during the academic year.** Only an instructor can recommend that a student drop a semester and/or full year elective course after the end of the drop/add period.

Promotions

A student is promoted when he has completed the academic requirements for his grade level. These requirements are: 6 credits to be promoted to the 10th grade; 12 credits to be promoted to the 11th grade; and 19 credits to be promoted to the 12th grade. A student needs 26 credits to graduate.

Failures

Failures in courses required for graduation (i.e. religion, English, social studies, mathematics and science) must be made up the same year in summer school.

Advanced Placement Program

Advanced Placement (AP) enables a student to pursue college-level studies while still in high school. The College Entrance Examination Board provides detailed descriptions of college-level courses to high schools and the results of the examinations are sent to the colleges of the student's choice. Participating colleges grant credit and appropriate placement to students who qualify as a result of their examination scores. There is a test fee for each examination.

Students taking AP courses will have an orientation meeting each spring during the scheduling process. At that time, course requirements will be reviewed and students will receive an AP contract which must be signed by the student and parent.

A student is not permitted to withdraw from an AP course once the drop date has passed. Taking the College Board Advanced Placement examination is required of all students enrolled in the AP class in order to receive credit for the course.

Requirements for Graduation

A student must earn 26 credits to graduate. These must include:

4 Religion	3 Science
4 English	½ Health
3 Social Studies	½ Physical Education
3 ½ or 4 Mathematics*	1 Visual/Performing Arts
	6 or 6 ½ Electives**

*Beginning with the class of 2023, students must earn four math credits. For the classes of 2021 and 2022, students must take one mathematics course each year of high school. In all cases, the sequence must include Algebra I, Algebra II, and Geometry.

**Dependent upon individual student's math sequence

Pre-College Curriculum Requirements

The following are the pre-college curriculum requirements for first-time freshmen under age 21 who enroll in a four-year degree program at a Kentucky public university. Please note that these are the minimum requirements and some colleges and/or program majors may have additional requirements beyond the minimum given below.

- 4 credits **English/Language Arts** (English I, II, III, IV [or AP English])
- 3 credits **Mathematics** (Algebra I, Algebra II, Geometry)*
- 3 credits **Science** (to include life science, physical science, and earth/space science)**
- 3 credits **Social Studies** (from U.S. History, Economics, Government, World Geography and World Civilizations or comparable courses)
- 1 credit **History and Appreciation of Visual, Performing Arts** (History and appreciation of visual and performing arts or another arts course that incorporates such content)
- ½ credit **Health**
- ½ credit **Physical Education**
- 2 credits **World/Foreign Languages** (or demonstrated competency)
- 7 credits **Elective Courses** (5 rigorous)*** (recommended strongly: 1 or more courses that develop computer literacy)

*Students must take one mathematics course each year of high school. The sequence must include Algebra I, Algebra II, and Geometry. The fourth math class can be counted as an elective.

**Must include at least one lab course

***Rigorous electives should have academic content at least as challenging as the courses required in the minimum diploma requirements. Electives should be in social studies, science, math, language arts, arts and humanities, world/foreign language, and above the introductory level in agriculture, industrial technology, business, marketing, family and consumer sciences, health sciences, and technology education and career pathways. Electives in physical education and health care are limited to one-half unit each.



Department of Catholic Schools
Diocese of Covington

WEIGHTING SYSTEM
Grade Point Calculation

When calculating GPA, the high school will award quality points for all courses as follows for 1.0 credit courses. Grade point averages will be calculated and rounded to two decimal points.

Letter Grade			Regular courses	Honors/Advanced	AP courses only	Dual Credit Cambridge/IB Courses
A	93	100	4.0	4.5	5.00	5.00
A-	90	92	3.84	4.34	4.84	4.84
B+	87	89	3.67	4.17	4.67	4.67
B	83	86	3.33	3.83	4.33	4.33
B-	80	82	3.0	3.50	4.00	4.00
C+	77	79	2.67	3.17	3.67	3.67
C	73	76	2.33	2.83	3.33	3.33
C-	70	72	2.00	2.50	3.00	3.00
D+	67	69	1.67	2.17	2.67	2.67
D	63	66	1.33	1.83	2.33	2.33
D-	60	62	1.00	1.50	2.00	2.00
F	59-Below	59-Below	0.00	0.00	0.00	0.00

Grade Point Calculation

When calculating GPA, the high school will award quality points for all courses as follows for .5 credit semester courses. Grade point averages will be calculated and rounded to two decimal points.

Letter Grade			Regular courses	Honors/Advanced	AP courses only	Dual Credit Cambridge/IB Courses
A	93	100	2.0	2.25	2.50	2.50
A-	90	92	1.92	2.17	2.42	2.42
B+	87	89	1.84	2.09	2.34	2.34
B	83	86	1.67	1.92	2.17	2.17
B-	80	82	1.5	1.75	2.00	2.00
C+	77	79	1.34	1.59	1.84	1.84
C	73	76	1.17	1.42	1.67	1.67
C-	70	72	1.0	1.25	1.50	1.50
D+	67	69	0.84	1.09	1.34	1.34
D	63	66	0.67	0.92	1.17	1.17
D-	60	62	0.50	0.75	1.00	1.00
F	59-Below	59-Below	0.00	0.00	0.00	0.00

COURSE OFFERINGS

The core program required of each student and the electives offered for the various grade levels are listed below. It is recommended that a student become familiar with all the courses listed in the curriculum guide and plan his course of study based on his area of interest after high school. Also, he should familiarize himself with college requirements in the field of his choice.

FRESHMEN

(The normal course sequence for freshmen is seven credits)

Required Courses

Electives

<u>Course</u>	<u>Credit</u>	<u>Course</u>	<u>Credits</u>
English			
English I CPII.....	1	Academic Support Program.....	½
English I CPI.....	1		
English I H	1	Business	
Mathematics		Career Exploration (sem.)	½
Algebra I CPII.....	1	Personal Finance I (sem.)	½
Algebra I CPI.....	1	Personal Finance II (sem.)	½
Algebra I H	1	Fine Arts	
Algebra II H	1	Art I.....	1
Religion		Band	½
Religion I	1	Select Choir 101/102.....	1
Science		General	
Biology I CPII	1	Law and Justice	½
Biology I CPI	1	STEM	
Biology I H.....	1	Introduction to Engineering Design (IED).....	1
Science		Technology (Non-STEM)	
Health (sem.)	½	Animation I (sem.).....	½
Physical Education (sem.)	½	Animation II (sem.).....	½
Social Studies		Graphic Design I (sem.)	½
World Geography (sem.)	½	Graphic Design II (sem.)	½
Technology (non-STEM)		Robotics I 101/102	1
Technology Appl. And Comm. (sem.).....	½	Robotics II 101/102	1
		World Languages	
		French I (ind. study)	1
		German I	1
		Latin I.....	1
		Spanish I CPI	1
		Study Hall (semester)	0
		Study Hall (full year).....	0

SOPHOMORES

(The normal course sequence for sophomores is seven credits)

Required Courses

<u>Course</u>	<u>Credits</u>
English	
English II CPII	1
English II CPI	1
English II H	1
Mathematics	
Algebra II CPII	1
Algebra II CPI	1
Algebra II H	1
Geometry CPI.....	1
Geometry H	1
Religion	
Religion II	1
Science	
Chemistry CPII	1
Chemistry CPI	1
Chemistry H	1
Social Studies	
World Civilizations	1
AP World History	1

Electives

<u>Course</u>	<u>Credits</u>
Academic Support Program.....	½
Business	
Accounting I 101/102	1
Career Exploration.....	½
Personal Finance I (sem.).....	½
Personal Finance II (sem.).....	½
Fine Arts	
Band/Advanced Band	½
Advanced Guitar (sem.).....	½
Art I.....	1
Art II.....	1
Chamber Choir 110/111	1
Drama I (sem.)	½
Drama II (sem.)	½
Introduction to Guitar (sem.)	½
Select Choir 101/102	1
General Elective	
Law and Justice	½
STEM	
Introduction to Engineering Design.....	1
Principles of Engineering	1
Technology (Non-STEM)	
Animation I (sem.)	½
Animation II (sem.)	½
Animation III or IV (ind. study)(sem.)	½
Graphic Design I (sem.).....	½
Graphic Design II (sem.).....	½
Graphic Design III or IV (ind. study)(sem.).....	½
Introduction to Comp. Science (sem.)	½
Introduction to Programming (sem.)	½
Robotics I 101/102.....	1
Robotics II 101/102.....	1
World Languages	
French I or II (ind. study)	1
German I or II.....	1
Latin I or II.....	1
Spanish I CPII	1
Spanish I CPI	1
Spanish II CPII	1
Spanish II CPI	1
Study Hall (semester)/(full year).....	0

JUNIORS

(The normal course sequence for juniors is seven credits)

Required Courses

<u>Course</u>	<u>Credits</u>	<u>Course</u>	<u>Credits</u>
English		Religion	
English III CPII, I, H or AP.....	1	Religion III 101(1 st semester)	½
Math		Religion III 102 (2 nd semester)	½
Geometry CPII, I, or H.....	1	Social Studies	
Pre-Calculus H	1	U.S. History or AP	1

Electives

<u>Course</u>	<u>Credits</u>	<u>Course</u>	<u>Credits</u>
Academic Support	½	Physics 110/111 H.....	1
Business		Physics 110/111 AP	1
Accounting I 101/102	1	STEM	
Economics 101/102	1	Aerospace Engineering	1
ECO 200 Principles of Macroeconomics DC (sem.)	½	Engineering Design & Development	1
ECO 201 Principles of Microeconomics DC (sem.)	½	Introduction to Engineering Design.....	1
Personal Finance II	½	Principles of Engineering.....	1
English		Social Studies	
Creative Writing (sem.)	½	American Government (sem.)	½
CMST 101 Public Speaking DC (sem.)	½	ANT 100 Intro to Cultural Anthropology DC (sem.)	½
Speech (sem.)	½	Economics 101/102	1
Fine Arts		ECO 200 Principles of Macroeconomics DC (sem.)	½
Band/Advanced Band.....	½	ECO 201 Principles of Microeconomics DC (sem.)	½
Advanced Guitar (sem.).....	½	Psychology (sem.)	½
Art I	1	Psychology 110/111 AP	1
Art II.....	1	Sociology (sem.)	½
Art III 110/111 H.....	1	Technology (Non-STEM)	
Art IV 110/111 H.....	1	Animation I or II (sem.).....	½
Art of the Film (sem.)	½	Animation III or IV (Ind. Study) (sem.)	½
Chamber Choir 110/111	1	CAD & 3-D Modeling I or II (sem.)	½
Drama I (sem.).....	½	CIT 130 Info Technology Fundamentals DC (sem.).....	½
Drama II (sem.).....	½	Computer Programming 110/111 AP.....	1
Introduction to Guitar (sem.)	½	Graphic Design I (sem.)	½
Music Appreciation (sem.)	½	Graphic Design II (sem.)	½
Music Theory AP 110/111	1	Graphic Design III or IV (sem.).....	½
Select Choir 101/102	1	INF 120 Elementary Programming DC (sem.).....	½
Specialized Art 101/102	1	Introduction to Computer Science (sem.)	½
General		Introduction to Programming (sem.)	½
Law and Justice.....	½	Robotics I 101/102.....	1
Vocational Career/Technical School.....	3	Robotics II/III 101/102.....	1
Mathematics		World Languages	
Probability & Statistics (sem.)	½	French I, II, or III H (ind. study)	1
Statistics AP 110/111.....	1	German I, II or III 110/111 H.....	1
Religion		JPN 101 Japanese 101 DC (sem.).....	½
Church History (Sem.)	½	JPN 102 Japanese 102 DC (sem.).....	½
Science		Latin I or II	1
Anatomy & Physiology 101/102.....	1	Latin III H (Ind. Study).....	1
Biology II 101/102	1	Spanish I CPI or CPII.....	1
Biology 110/111 AP (ind. study)	1	Spanish II CPI or CPII.....	1
BIO 126 Human Nutrition DC (sem.)	½	Spanish III H.....	1
Chemistry II 110/111 AP.....	1	Study Hall (semester)/(full year)	0
Earth/Space Science 101/102.....	1		
GLY 120 This Dangerous Earth DC (sem.)	½		

SENIORS

(The normal course sequence for seniors is seven credits)

Required Courses

<u>Course</u>	<u>Credits</u>	<u>Course</u>	<u>Credits</u>
English		Mathematics	
English IV 101/102 CPII or I	1	Algebra III 101/102.....	1
English IV 101/102 DC	1	Pre-Calculus 101/102 CPII or I.....	1
English IV 110/111 H	1	Calculus 110/111 AP.....	1
English IV 110/111 AP	1	Religion	
		Religion IV 101 (1 st sem.).....	½
		Religion IV 102 (2 nd sem.).....	½

Electives

<u>Course</u>	<u>Credits</u>	<u>Course</u>	<u>Credits</u>
Academic Support.....	½	STEM	
Business		Aerospace Engineering	1
Accounting I 101/102	1	Engineering Design & Development	1
Economics 101/102	1	Principles of Engineering.....	1
ECO 200 Principles of Macroeconomics DC (sem.)	½	Social Studies	
ECO 201 Principles of Microeconomics DC (sem.)	½	American Government (sem.).....	½
English		ANT 100 Intro to Cultural Anthropology DC (sem.).....	½
CMST 101 Public Speaking DC (sem.)	½	Current Issues (sem.)	½
Creative Writing (sem.)	½	Economics 101/102	1
Journalism I or II (sem.)	½	ECO 200 Principles of Macroeconomics DC (sem.)	½
Speech (sem.)	½	ECO 201 Principles of Microeconomics DC (sem.)	½
Fine Arts		European History 110/111 AP	1
Band/Advanced Band.....	½	Psychology (sem.).....	½
Advanced Guitar (sem.).....	½	Psychology 110/111 AP	1
Art I	1	Sociology (sem.)	½
Art II.....	1	Technology (Non-STEM)	
Art III 110/111 H.....	1	Animation I or II (sem.).....	½
Art IV 110/111H	1	Animation III or IV (ind. study) (sem.)	½
Art of the Film (sem.)	½	CAD & 3-D Modeling I or II (sem.)	½
Chamber Choir 110/111	1	CIT 130 Info Technology Fundamentals DC (sem.).....	½
Drama I (sem.).....	½	CIT 285 Cybersecurity Fundamentals DC (sem.)	½
Drama II (sem.).....	½	Computer Programming AP 110/111	1
Introduction to Guitar (sem.)	½	Graphic Design I (sem.)	½
Music Appreciation (sem.)	½	Graphic Design II (sem.)	½
Music Theory AP 110/111	1	Graphic Design III or IV (ind. study) (sem.).....	½
Specialized Art 101/102	1	INF 120 Elementary Programming DC (sem.).....	½
General		INF 284 Intro to Networks & Data Comm. DC (sem.) ..	½
Law and Justice.....	½	Introduction to Computer Science (sem.)	½
Vocational Career/Technical School.....	3	Introduction to Programming (sem.)	½
Mathematics		Robotics I 101/102	1
Probability & Statistics (sem.)	½	Robotics II, III, or IV 101/102.....	1
Statistics 110/111 AP	1	World Languages	
Religion		French II or III H (ind. study).....	1
Church History (sem.).....	½	German II.....	1
Science		German III or IV 110/111H	1
Anatomy & Physiology 101/102.....	1	JPN 101 Japanese I DC.....	½
Biology II 101/102	1	JPN 102 Japanese II DC.....	½
Biology 110/111 AP (ind. study).....	1	Latin II.....	1
BIO 126 Human Nutrition DC (sem.)	½	Latin III H (ind. study)	1
Chemistry II 110/111 AP	1	Spanish II CPI or CPII.....	1
Earth/Space Science 101/102	1	Spanish III H.....	1
GLY 120 This Dangerous Earth DC (sem.).....	½	Spanish IV 110/111H.....	1
Physics 110/111 H	1	Study Hall (semester)/(full year)	0
Physics 110/111 AP	1		

Curriculum Overview

Academic Support Program

9th Grade-Academic Support
10th Grade-Academic Support
11th Grade-Academic Support
12th Grade-Academic Support

Business

Accounting I 101/102
Career Exploration (sem.)
Economics 101/102
ECO 200 Principals of Macroeconomics DC (sem)
ECO 201 Principals of Microeconomics DC (sem)
Personal Finance I (sem.)
Personal Finance II (sem.)

English

Creative Writing (sem.)
CMST 101 Public Speaking DC (sem.)
English I CP II
English I CPI
English I H
English II CP II
English II CPI
English II H
English III CP II
English III CPI
English III H
English III AP
English IV 101/102 CP II
English IV 101/102 CPI
English IV 101/102 DC
English IV 110/111 H
English IV 110/111 AP
Journalism I (sem.)
Journalism II (sem.)
Speech (sem.)

Fine Arts

Advanced Band
Advanced Guitar
Art I
Art II
Art III 110/111 H
Art IV 110/111 H
Art of the Film (sem.)
Band
Chamber Choir 110/111
Drama I (sem.)
Drama II (sem.)
Introduction to Guitar (sem.)
Music Appreciation (sem.)
Music Theory 110/111 AP
Select Choir 101/102
Specialized Art 101/102

General

Law and Justice
Vocational/Technical School
Air Conditioning Tech.
Automotive Tech.
Collision Repair Tech.
Computer & Information Tech
Diesel Tech.
Electrical Tech.
Energy Tech.
Fire/Rescue Science Tech.
Health Information Tech.
Industrial Maintenance Tech
Manufacturing Engineer. Tech
Plumbing Tech.
Welding Tech.

Mathematics

Algebra I CP II
Algebra I CPI
Algebra I H
Algebra I H (8th grade)
Algebra II CP II
Algebra II CPI
Algebra II H
Algebra III 101/102
Calculus 110/111 AP
Geometry CP II
Geometry CPI
Geometry H
Pre-Calculus 101/102 CP II
Pre-Calculus 101/102 CPI
Pre-Calculus H
Probability & Statistics (sem.)
Statistics 110/111 AP

Religion

Church History (sem.)
Religion I
Religion II
Religion III 101/102
Religion IV 101/102

Science

Anatomy & Physiology 101/102
Biology I CP II
Biology I CPI
Biology H
Biology II 101/102
Biology 110/111 AP-Independent Study
BIO 126 Human Nutrition DC (sem.)
Chemistry CP II
Chemistry CPI
Chemistry H
Chemistry II 110/111 AP
Earth/Space Science 101/102
GLY 120 This Dangerous Earth DC (sem.)
Health (sem.)
Physical Education (sem.)
Physics 110/111 H
Physics 110/111 AP

Curriculum Overview (cont.)

STEM

Aerospace Engineering
Engineering Design and Development
Introduction to Engineering Design
Principles of Engineering

Social Studies

American Government (sem.)
ANT 101 Intro to Cultural Anthropology DC (sem.)
Current Issues (sem.)
Economics 101/102
ECO 200 Principals of Macroeconomics DC (sem)
ECO 201 Principals of Microeconomics DC (sem)
European History 110/111 AP
Psychology (sem.)
Psychology 110/111 AP
Sociology (sem.)
U.S. History
U.S. History 110/111 AP
World Civilizations
World Geography (sem.)
World History AP

Technology (Non-STEM)

Animation I (sem.)
Animation II (sem.)
Animation III-Independent Study (sem.)
Animation IV-Independent Study (sem.)
CAD & 3-D Modeling I (sem.)
CAD & 3-D Modeling II (sem.)

Technology (Non-STEM)-cont.

Computer Programming 110/111 AP
CIT 130 Information Technology Fundamentals DC (sem.)
CIT 285 Cybersecurity Fundamentals DC (sem.)
Graphic Design I (sem.)
Graphic Design II (sem.)
Graphic Design III (sem.)-Independent Study
Graphic Design IV (sem.)- Independent Study
INF 120 Elementary Programming DC (sem.)
INF 284 Intro to Networks & Data Communications DC (sem.)
Introduction to Computer Science (sem.)
Introduction to Programming (sem.)
Robotics I 101/102
Robotics II 101/102
Robotics III 101/102
Robotics IV 101/102
Technology Applications & Communications (sem.)

World Languages

German I
German II
German III 110/111 H
German IV 110/111 H
JPN 101 Japanese I DC (sem.)
JPN 102 Japanese II DC (sem.)
Latin I
Latin II
Latin III H-Independent Study
French I- Independent Study
French II- Independent Study
French III H- Independent Study
Spanish I CPII
Spanish I CPI
Spanish II CPII
Spanish II CPI
Spanish III H
Spanish IV 110/111 H

*101/102 and 110/111 are semester courses that must be taken together to receive credit.

*Classes with no differentiating designation are academic level courses (i.e. Art I, Latin I, etc.)

Academic Support Program

Course # 90007

The **Academic Support Class** allows a student to succeed within our fully mainstreamed curriculum with tutorial support.

ADMISSION REQUIREMENTS

Academic Support Class

Students will be recommended for the academic support class based on standardized testing and academic performance history. This recommendation will be provided by the Guidance Office after consultation with the interdisciplinary team.

ROLE OF THE ACADEMIC SUPPORT PROGRAM INSTRUCTOR

The instructor will be the liaison to the rest of the professional staff. As the student's advocate, the instructor will work towards acceptance of varied testing procedures, maintain a professional empathy with the student, uphold the classroom teachers' expectations, and improve the organizational and coping skills of each student.

Academic Support Class Structure

The Academic Support Program's class enrollment is limited. Each class will consist of a small number of students so that the instructor can provide effective support for each individual. A student's class schedule will determine what period he will be assigned to the class. Each student will meet at that time each day for the entire academic year.

Academic Support Class Grade

The Academic Support Program is a full-year course. Students receive one-half academic credit for successful completion of this course.

Academic Support Class Goals

The academic support class will:

- Provide regular communication between teachers, parents, and students
- Enable each student to assume responsibility for his own learning
- Develop skills that allow the student to learn the material presented in his courses

BUSINESS

ACCOUNTING I 101/102 (10, 11, 12)

Course # 12127/12137

Accounting I helps students acquire the fundamentals of accounting, theory, terminology, and skills. The course includes the study of different journals, financial statements, ledgers, taxes, and accruals. It is expected that the student complete the workbook corresponding with each chapter. A workbook must be purchased for this class.

Prerequisite: None

CAREER EXPLORATION (9, 10)

Course # 14227

semester course

Students will explore career opportunities commensurate with their interests and abilities. This course offers opportunities to refine the application and interview process and also will focus on writing quality resumes. Other activities will include discussing work ethics, job attitudes and responsibilities necessary for successful employment, as well as preparing a research project on the student's career choice. Students are encouraged to learn and explore possible careers firsthand from the many guest speakers that are invited in each semester.

Prerequisite: None

ECONOMICS 101/102 (11, 12)

Course # 13127/13137

A "hands on" method of teaching how to organize a business, sell a product, bank etc. through a model student company. Topics will include how to manage a business, the importance of advertising, the stock market and trade.

Prerequisite: None

PERSONAL FINANCE I (9, 10, 11)

Course # 14127

semester course

Students will learn about planning for their financial futures by focusing on Financial Security as well as Money Management. Activities will include participating in the Stock Market Game, learning about stocks, bonds, and mutual funds, calculating net worth, planning monthly budgets, learning about the components of our tax system and preparing tax forms. A workbook must be purchased from the school bookstore for this class. The Dave Ramsey *Foundations in Personal Finance* curriculum will be used as a supplement.

Prerequisite: None

PERSONAL FINANCE II (9, 10, 11)

Course # 14137

semester course

Students will continue to learn about planning for their financial futures by focusing on Credit and Risk Management as well as Consumer Rights and Responsibilities. Activities will include participating in the Stock Market Game, learning about the risks of credit, retirement and estate planning, role of consumers and consumer protections. The Dave Ramsey *Foundations in Personal Finance* curriculum will be used as a supplement and is provided to the students.

Prerequisite: Personal Finance I

ENGLISH

CMST 101 PUBLIC SPEAKING (11, 12) DUAL CREDIT

Course # 200117

This dual credit course offered online through Northern Kentucky University includes development of understanding of the oral communication process; aid in improving oral communication skills; idea and message development; effective delivery of ideas. A prerequisite to all other CMST courses. Successful completion of the course earns 3 general education credit hours in Oral Communication at Northern Kentucky University and an elective half credit at Covington Catholic High School in English.

Prerequisite: Required GPA and ACT scores and approval by the Senior Counselor or Dean of Academics

CREATIVE WRITING (11, 12) semester course

Course # 25117

This elective semester course is offered to upperclassmen as an opportunity to develop their creativity and writing skills. Students will be exposed to the advanced elements of style by reading examples of various short fiction and non-fiction. Various short and long forms of fiction and informal essay writing will be assigned. Rigorous attention to the improvement of skills is the primary focus. This course will require extensive out of class work.

Prerequisite: None

ENGLISH I CPII (9)

Course # 21117

The English I curriculum provides a survey of various literature forms as well as practice in the fundamentals of reading, writing, speaking and listening. English I CPII is designed for students who have a clear need to develop better fundamental language skills. Individual reading comprehension and writing skills will be emphasized in conjunction with speaking and listening skills. Summer reading is required.

Prerequisite: Placement is determined from the High School Placement Test (HSPT), grade school recommendations and other standardized test scores

ENGLISH I CPI (9)

Course # 21227

The English I curriculum provides a survey of various literature forms as well as practice in the fundamentals of reading, writing, speaking and listening. Emphasizing the writing process through workshops and grammar review, the student will develop proficiency in well-organized, thoughtful writing and speaking. Summer reading is required.

Prerequisite: Placement is determined from the High School Placement Test (HSPT), grade school recommendations and other standardized test scores

ENGLISH I HONORS (9)

Course # 21337

Students will read widely and reflect on their reading through extensive discussion, writing and re-writing. In addition, a strong foundation in grammar and syntax is cultivated. The student will assume considerable responsibility for the amount of reading and writing he will undertake in the course. The teacher will complement the efforts of the students by guiding them in their choices of reading, and by providing assignments which facilitate critical thinking skills and develop the ability to analyze the elements of literature. Summer reading and writing is required.

Prerequisite: Placement is determined from the High School Placement Test (HSPT), grade school recommendations and other standardized test scores

ENGLISH II CPII (10)

Course # 22117

This course includes a survey of world literature, a continuation of the development of more effective language usage, reading comprehension, writing and listening skills. Study skills, writing mechanics and various genres of literature will continue to be addressed in this course. Summer reading is required.

Prerequisite: Recommendation of English I instructor

ENGLISH II CPI (10)

Course # 22227

This course includes a survey of world literature, a study of grammar usage and intensive focus on improving writing skills. Literature study will include the genres of fiction, non-fiction, drama and poetry. The focus on grammar involves review as needed. Included in the writing curriculum are both critical and creative works, generally related to the literature. Summer reading is required.

Prerequisite: Recommendation of English I instructor

ENGLISH II HONORS (10)**Course #22337**

This course includes a survey of world literature as well as increasing emphasis on higher level writing skills and grammar usage. Literature and writing are the focus of the curriculum, with most writing derived from the study of the literature. Some creative writing is completed; however, emphasis is on expository, comparative, analytical, and critical analysis of novels, short stories and poetry from world literature. Solid grammar skills are reviewed as needed. The course is writing intensive and all works must be typed. Summer reading and writing required.

Prerequisite: Recommendation of English I instructor

ENGLISH III CPII (11)**Course # 23118**

This combined junior/senior course is designed to aid a student who continues to display a clearly defined need for improved skills in correct language usage, reading comprehension, and writing. Study skills, information gathering and processing, the writing process, and reading/thinking skills will continue to be addressed. Excerpts from American and British literature appropriate to skill levels will be studied in alternating years to broaden the student's perspective of literature. Summer reading is required.

Prerequisite: Recommendation of English II instructor

ENGLISH III CPI (11)**Course # 23227**

This course focuses on the literature of our American heritage as well as on more advanced composition skills. Essays, short stories, excerpts from speeches, and drama are all used to develop a broader perspective of this literature. The composition element of the course emphasizes development of skills necessary for successful college writing. Extensive writing of essays as well as the research paper follows a thorough review of basic skills. A vocabulary program supplements the work. Summer reading and writing are required.

Prerequisite: Recommendation of English II instructor

ENGLISH III HONORS (11)**Course # 23237**

In addition to the requirements for the regular college preparatory classes, the students will demonstrate a more advanced degree of critical thinking skills in their analysis, writing, and speaking. The Honors research paper will require more synthesis and application rather than mere reporting of facts. Students will continue to develop their critical reading skills through a dialogical analysis of each author's themes, style, and contributions to American literature, and through various outside reading materials, to include literary criticism. However, unlike the college preparatory class, the Honors class will involve a closer reading of the material studied, and analytic questioning of materials based upon social, cultural, and political influences. Students will build on their composition skills by writing a variety of essays. Further development of communication skills will be achieved through vocabulary study, the writing of an argumentative research paper, a general grammar review, as well as special projects to foster a creative response to American literature. Summer reading is required.

Prerequisite: Recommendation of English II instructor

ENGLISH III ADVANCED PLACEMENT (11)**Course # 23337****(English Language and Composition)**

This course, available only during the junior year, focuses on advanced language and writing skills and is geared towards the Advanced Placement (AP) Exam offered by the College Board for potential college credit in the spring of each year. Students are taught to become skilled analytical readers of various styles of prose and poetry. Extensive practice and guidance in writing critical/analytical essays prepares the students not only for the AP exam but also for the more challenging levels of college prose writing including the research paper. The literature component parallels that of the college prep course offering which surveys our American literary heritage. An extensive vocabulary program supplements the course work. Summer reading and writing are required.

Prerequisite: Recommendation of English II instructor

ENGLISH IV 101/102 CPII (12)**Course # 24101/24102**

This combined junior/senior course is designed to aid a student who continues to display a clearly defined need for improved skills in correct language usage, reading comprehension, and writing. Study skills, information gathering and processing, writing process, and reading/thinking skills will continue to be addressed. Excerpts from American and British literature appropriate to skill levels will be studied in alternating years to broaden the student's perspective of literature. Summer reading is required.

Prerequisite: Recommendation of English III instructor

ENGLISH IV 101/102 CPI (12)**Course # 24201/24202**

This course involves a survey of British literature and its history, as well as mastery of the formal writing skills needed by the college bound student including exposition, comparison/contrast, persuasion and personal essays from a critical perspective relative to the literature studied. This writing intensive course provides students with opportunities for personal expression as well as increased exposure to classic literature. A research paper is required to refine the student's ability to access information available through new technologies. Summer reading and writing is required.

Prerequisite: Recommendation of English III instructor

ENGLISH IV 101/102 DUAL CREDIT (12)**Course # 200127/200137**

This dual credit course is offered in collaboration with Northern Kentucky University and is taught at Covington Catholic High School. This course description will be updated following a curriculum meeting between Covington Catholic's teacher and NKU's English Department. In general, English 101 involves the study and practice of writing with attention to audience, purpose, and conventions appropriate to a specific writing situation. This includes the reading, writing, and analyzing of a variety of texts (which may be written, digital, or visual). English 102 involves the study and practice of writing in a variety of forms, with attention to audience, purpose, and conventions appropriate to writing situation. This course is designed to help a student become a more independent writer while working toward in-depth development of critical reading and writing skills. Successful completion of the course earns English 101/102 credit at Northern Kentucky University and fulfills the English IV requirement at Covington Catholic High School.

Prerequisite: Required GPA and ACT scores and approval by the Senior Counselor or Dean of Academics

ENGLISH IV 110/111 HONORS (12)**Course # 24401/24402**

English IV Honors covers the four modes of discourse, with an emphasis on critical analysis of British literature. The literary genres are studied chronologically to develop skills in reading, writing, listening, speaking, and critical thinking. This course follows a chronological study of literary genres. Students will explore British literature more widely and critically, and the course will include more challenging texts. In order to succeed in the course, students must demonstrate writing skills that are stronger than those typical to the English IV CPI level. Summer reading and writing is required.

Prerequisite: Recommendation of English III instructor

**ENGLISH IV 110/111 ADVANCED PLACEMENT (12)
(English Literature and Composition)****Course # 24301/24302**

This course, available only in the senior year, focuses on advanced literature and writing skills, and is geared towards the AP Literature and Composition Exam offered by the College Board for potential college credit in the spring of each year. Writing emphasis is on critical analysis of a wide variety of literary genres in British Literature. Extensive writing practice involving such analysis prepares the students not only for the AP exam but also for the more challenging levels of college prose writing. A chronology of important works of British fiction, non-fiction and poetry exposes students to a broader perspective of classic literary forms and thought. An extensive vocabulary program supplements the course. Mastery of formal writing skills is critical for success on the challenging AP exam. Summer reading and writing are required.

Prerequisite: Recommendation of English III instructor

**JOURNALISM I (12)
semester course****Course # 23427**

Students in this course are responsible for producing the school newspaper, yearbook, and literary magazine publications. Students will be introduced to the characteristics of good journalistic expression as well as to the mechanics required to produce major publications. Students will write, revise, edit, and proofread editorials, features, news articles, sports articles and magazine articles. Other areas of discussion include the historical and cultural impact of journalism in our society. Students will also learn the design of layouts and photography/graphics, and will be introduced to the field of advertising.

Prerequisite: Recommendation of Journalism instructor/Review of English grades and discipline record

JOURNALISM II (12)
semester course

Course # 24427

Students will continue to refine skills in journalistic writing through the school newspaper, the yearbook and the literary magazine. A student in this course will be required to take on the role of editor in one of the three publications. If there are multiple students, more than the required publications, the job of editors will be divided among them. Also, students will be required to do in depth work with photography: outside classes, darkroom facilities upkeep, etc. Time will be spent after the school year is completed in order to finish the yearbook.

Prerequisite: Journalism I and recommendation of Journalism I instructor/Review of English grades and discipline record

SPEECH (11, 12)
semester course

Course # 25227

This elective is offered to upperclassmen as an opportunity to develop their communications awareness and public speaking skills. Students will be taught the basics of good speech techniques and strategies for overcoming nervousness. Instruction will also be given in the use of multi-media technology in presentations. Students will be required to give several speeches of various lengths and types such as informative, persuasive, impromptu, debate/rebuttal and humorous.

Prerequisite: None

FINE ARTS

ADVANCED BAND (10, 11, 12)

Course # 88897

This ensemble is the primary instrumental performing group. Students are expected to play at several concerts throughout the year as well as at assemblies, liturgies, sports events and other school functions. Some morning, afternoon and evening rehearsals and/or performances are required. Students may provide their own instruments or a rental arrangement is possible. Repertoire of a more advanced level than Band is taught.

Prerequisites: Successful completion of Band and audition

ART I (9, 10, 11, 12)

Course # 31127

Art I is an art appreciation course open to all students regardless of ability or previous training. The nature of the course is to introduce the foundations of art and to allow each student to gain an understanding of the creative process.

1 st Quarter:	Exploration of composition and design with emphasis on craftsmanship.
2 nd Quarter:	Introduction to drawing, contour line, and the illusion of form.
3 rd Quarter:	Introduction to color, monochromatic.
4 th Quarter:	Introduction to the creative process, communication, symbolism, and the manipulation of objects.

Prerequisite: None

ART II (10, 11, 12)

Course # 32127

Art II builds upon the foundations and principles of Art I with a greater emphasis on the individuality of each young man.

1 st Quarter	– Advanced composition and design, understanding of shape and line.
2 nd Quarter	– Advanced drawing, charcoal, cross shading, pointillism.
3 rd Quarter	– Advanced color theory, primary, secondary, tertiary colors.
4 th Quarter	– Advanced color theory through the story of impressionism.

Prerequisite: Recommendation of Art I instructor

ART III 110/111 HONORS (11, 12)

Course # 33127/33137

ART IV 110/111 HONORS (11, 12)

Course # 34127/34137

Art III and IV Honors is only open to the most serious art student. The main goal of this course is portfolio development.

Art III - 1st Quarter – Black and white with emphasis on individuality
2nd & 3rd Quarter – Color with emphasis on individuality
4th Quarter – Individual requirements based upon student and portfolio needs

Art IV – 1st Quarter – Conceptual art
2nd & 3rd Quarter – Acrylic painting
4th Quarter – Individual instruction/student proposal 100 hours of work

Approval shall be based upon:

1. Discipline - meeting deadlines, using class time well
2. Growth both technically and conceptually

Any Art I sophomore or junior student who shows outstanding talent and discipline may be considered for Art III. A 90% average and teacher's approval is required.

Each Art III & IV student is required to spend 50+ hours over the summer on 2-3 pieces or artwork due at the beginning of the next school year.

Prerequisite: Recommendation of Art II/III instructor

ART OF THE FILM (11, 12)**Course # 37227****semester course**

This course studies the rudiments of film making, as well as the artistic effects of film. During the semester, movies representing all genres, will be viewed and evaluated. The students will also examine excerpts from an additional thirty films. Note that the class includes a fair amount of homework/essay writing.

Prerequisite: None**BAND (9, 10, 11, 12)****Course # 88887**

This course teaches fundamentals of standard band instrumental music. The basics of playing and reading are explored. Students may provide their own instruments or a rental arrangement is possible. Those wishing to learn a brass, woodwind or percussion instrument with no prior experience are welcome. Class meets before school on dates to be determined.

Prerequisite: None**CHAMBER CHOIR 110/111 (10, 11, 12)****Course # 38227/38237**

Singers will be challenged in advanced traditional and modern TTBB music, with many performance opportunities beyond those of Chorus.

Prerequisite: Audition and recommendation of Chamber Choir instructor/Review of discipline record**DRAMA I (10, 11, 12)****Course # 25337****semester course**

This elective semester course is offered to upperclassmen as an opportunity to develop acting skills. The history of drama (especially American Theater) will be studied along with the fundamental techniques of acting. Students will be expected to memorize lines and act in skits of various lengths. Duo acting, solo acting, improvisation, story-telling, and dramatic interpretation of scenes using limited movement and several characters will be expected.

Prerequisite: None**DRAMA II (10, 11, 12)****Course # 25347****semester course**

This elective semester course is offered to upperclassmen to continue their work in Drama I. Students will review some of the components learned in Drama I and then closely study one chosen play as a class, working on elements of the play. Focus will be on set design, props, costume, lighting, sound, and makeup. Students will be asked to participate in viewing/constructing/analyzing all of these elements. Outside work and viewing of plays is expected. .

Prerequisite: Drama I**INTRODUCTION TO GUITAR (10, 11, 12)****Course # 36117****semester course**

This survey course will introduce students to a variety of musical backgrounds and style through solo and ensemble exploration of the guitar. Skills to be covered in this course include everything from instrument nomenclature and tuning of the guitar to music literacy and the ability to learn instrument parts by ear. Musical examples will represent a broad range of genres, including country, rock, classical, and varying examples of world music. This course is open to all students with a genuine interest in learning how to play the guitar or in improving their performing. This course fulfills one half of the Fine Arts graduation requirement.

Prerequisite: None**MUSIC APPRECIATION (11, 12)****Course # 35227****semester course**

This course is a survey of various types of music, beginning with the Renaissance, moving through the Baroque, Classical, Romantic, Expressionist, Impressionist, and Minimalist periods. There will also be a brief examination of Jazz and current World Music.

Prerequisite: None

MUSIC THEORY ADVANCED PLACEMENT (11, 12)**Course # 35417/35427**

AP Music Theory is designed to prepare high school students for musical studies at the collegiate level. The course covers a variety of musical concepts in an attempt to develop well-rounded and well-informed musicians. Students enrolled in this course should, through a combination of prior knowledge and completing the required summer homework, have a basic understanding of musical terminology and function, including scale types, key signatures, and note names. Over the course of the year students will develop a diverse set of musical skills, including musical part-writing, melodic sight-singing, and harmonic dictation. This course fulfills the Fine Arts graduation requirement.

Prerequisite: Recommendation of AP Music Theory instructor

SELECT CHOIR 101/102 (9, 10, 11)**Course # 38127/38137**

This ensemble performs vocal music of various styles and periods. Students will perform several concerts throughout the year as well as at assemblies, liturgies, sports events and other school functions. Some after school and evening rehearsals and/or performances are required. A knowledge and ability to read music is helpful but not required.

Prerequisite: Audition and recommendation of Select Choir instructor/Review of discipline record

SPECIALIZED ART 101/102 (11, 12)**Course # 39227/39237**

Students must obtain an 88% in Art II or Art III H and must have the teacher's recommendation. The sole focus of Specialized Art is the creative process. Techniques normally not covered in academic or honors art courses will be explored. Sculpture, assemblage and printmaking will be emphasized.

Prerequisite: Recommendation of Art II/III instructor

MATHEMATICS

ALGEBRA I CPII (9)

Course # 51337

Algebra I is a detailed study of algebra, and is designed for the mastery of algebraic skills in preparation for higher learning. Topics include the use of variable properties of rational, irrational and real numbers, solving equations, factoring, and graphics. Other topics include finding equations of lines given different initial conditions; the use of linear and quadratic equations and functions and solving linear inequalities. Pacing and depth of curriculum are commensurate with a CPII level course.

Prerequisite: Placement is determined from the High School Placement Test (HSPT), grade school recommendations and other standardized testing in grade school

ALGEBRA I CPI (9)

Course # 51327

Algebra I is a detailed study of algebra, and is designed for the mastery of algebraic skills in preparation for higher learning. Topics include the use of variable properties of rational, irrational and real numbers, solving equations, factoring, and graphics. Other topics include finding equations of lines given different initial conditions, the use of linear and quadratic equations and functions and solving linear inequalities. Pacing and depth of curriculum are commensurate with a CPI level course.

Prerequisite: Placement is determined from the High School Placement Test (HSPT), grade school recommendations and other standardized testing in grade school

ALGEBRA I HONORS (8,9)

Course # 51437

This course is designed to provide the student with the understanding of the structure and logical patterns in mathematics. Topics include evaluating algebraic expressions, solving simple equations, problem solving techniques, operations with polynomials, graphing linear and quadratic equations, inequalities, rational and irrational numbers, radical expressions, and algebraic proofs. Some exposure is also given to basic tenants in Geometry as they lend themselves to algebraic equations. Pacing and depth of curriculum are commensurate with an Honors level course.

Prerequisite: Placement is determined from the High School Placement Test (HSPT), grade school recommendations and other standardized testing in grade school.

ALGEBRA II CPII (10)

Course # 52237

This is a course designed for those students who have successfully completed a first course in algebra. Topics include methods for solving inequalities and linear, rational, and quadratic equations. Systems of equations and inequalities will also be studied. There is an emphasis on operations involving polynomials, radicals, exponents, and the use of correct algebraic techniques for simplifying rational expressions and complex fractions. Students will learn the relationship between slope and graphs of lines, as well as methods for finding equations of lines given different initial conditions. Techniques in problem solving are emphasized. The student will also be introduced to fundamental counting principles and determining the probability of events along with the study of matrices. Pacing and depth of curriculum are commensurate with a CPII level course.

Prerequisite: Algebra I and recommendation of Algebra I instructor

ALGEBRA II CPI (10)

Course # 52227

This is a course designed for those students who have successfully completed a first course in algebra. Topics include methods for solving inequalities and linear, rational, and quadratic equations. Systems of equations and inequalities will also be studied. There is heavy emphasis on operations involving polynomials, radicals, exponents, and the use of correct algebraic techniques for simplifying rational expressions and complex fractions. Students will learn the relationship between slope and graphs of lines, as well as methods for finding equations of lines given different initial conditions. Techniques in problem solving are emphasized. Students become familiar with functions and the graphing and identifying of conic sections. The student will also be introduced to fundamental counting principles and determining the probability of events. Pacing and depth of curriculum are commensurate with a CPI level course.

Prerequisite: Algebra I and recommendation of Algebra I instructor

ALGEBRA II HONORS (9, 10)**Course # 52337**

This course is for those students who want to further their education in the area of mathematics. This course is designed to prepare the student for future courses in honors Pre-Calculus and AP Calculus. Students that plan to continue their education in the areas of math, science or engineering are strongly encouraged to take this course if they are qualified. Pacing and depth of curriculum are commensurate with an Honors level course.

Prerequisite: **9th Grade - Placement based on the results of the Algebra II Honors Placement Test or successful completion of 8th Grade Algebra I Honors course and Algebra I Honors teacher recommendation**
10th Grade - Algebra I Honors and recommendation of Algebra I Honors instructor

ALGEBRA III 101/102 (12)**Course # 53237/53337**

Algebra III is designed for those seniors who need a fourth year math class and may not be prepared to take Pre-calculus CP II. The class will include a review of the most important topics covered in Algebra II: solving equations (both linear and those requiring factoring or the quadratic formula), a thorough investigation of slopes and equations of lines, techniques of factoring and the applications of factoring, review of radicals, and a more intensive study of functions, especially those quadratic in nature. In addition, the class will attempt to incorporate concepts and ideas that are often encountered on standardized testing, especially as related to the ACT. If time permits, the class may also introduce students to exponential functions and their inverses, the logarithmic functions, and a brief introduction to trigonometry.

Prerequisite: Algebra I, Algebra II and Geometry as well as recommendation of Geometry instructor

CALCULUS 110/111 ADVANCED PLACEMENT (12)**Course # 54337/54347**

This is a college level course covering differentiation and integration of trigonometric, exponential, logarithmic, and algebraic functions. There is a large emphasis on graphing the functions listed above using properties of monotonicity and concavity in combination with relative extreme. Problem solving using max-min applications and methods of finding area and volumes of revolution are also emphasized. A graphing calculator is required for this course. Pacing and depth of curriculum are commensurate with an AP level course.

Prerequisite: Pre-Calculus Honors and recommendation of Pre-Calculus Honors instructor

GEOMETRY CPII (11)**Course # 53337**

This course is designed to help students better understand the nature of mathematical systems, to develop powers of spatial visualization, to improve deductive and inductive reasoning skills, and to work with formulas and properties related to various geometrical shapes. Knowledge of basic algebra skills will be required and reinforced. An emphasis will be placed on solving problems related to points, lines, polygons, and circles. Pacing and depth of curriculum are commensurate with a CPII level course.

Prerequisite: Algebra II CPII/CPI/Honors and recommendation of current math instructor

GEOMETRY CPI (11)**Course # 53327**

This course is designed to help students better understand the nature of mathematical systems, to develop powers of spatial visualization, to improve deductive and inductive reasoning skills, and to appreciate the need for clarity and precision of language. Throughout the duration of the course, students will be required to write logical proofs that show both conceptual knowledge and logical reasoning skills. Pacing and depth of curriculum are commensurate with a CPI level course.

Prerequisite: Algebra II CPII/CPI/Honors and recommendation of current math instructor

GEOMETRY HONORS (10,11)**Course # 54327**

This course is designed to help students develop mathematical reasoning skills and to communicate effectively using clear and precise mathematical language. Students will learn definitions, properties, and formulas of various geometric shapes. Although students will be required to use these definitions, properties, and formulas to solve problems, of particular emphasis will be the demonstration of an understanding of the underlying reasons behind these facts. Students will be required to write logical proofs and explanations that show both conceptual knowledge and logical reasoning skills. Higher level algebra skills will also be reinforced throughout the course. Pacing and depth of curriculum are commensurate with an Honors level course.

Prerequisite: Algebra I H or Algebra II CPII/CPI/Honors and recommendation of current math instructor

PRE-CALCULUS 101/102 CPII (12)**Course # 54227/54237**

This is a course for those students who have completed Algebra II but did not display an adequate understanding of the concepts to qualify for Pre-Calculus CPI. The course will include a review of slopes and equations of lines, exponents and radicals, operations with rational expressions, and methods for solving all types of quadratic equations. The course will include an introduction to trigonometry and some simple counting principles related to probability. Pacing and depth of curriculum are commensurate with a CPII level course.

Prerequisite: Algebra I, Algebra II and Geometry as well as recommendation of Geometry instructor

PRE-CALCULUS 101/102 CPI (12)**Course # 54127/54137**

Pre-Calculus is designed for the mastery of skills necessary for success in calculus. Topics include reviews of coordinate geometry, solving and graphing polynomial equations as well as polynomial inequalities and functions. Other topics include the study of logarithms, functions and their inverses, as well as a heavy emphasis on the study of trigonometric functions and their applications, polar coordinates, conic sections, and sequences and series. Pacing and depth of curriculum are commensurate with a CPI level course.

Prerequisite: Algebra I, Algebra II and Geometry and recommendation of Geometry instructor

PRE-CALCULUS HONORS (11)**Course # 54217**

This course is designed to prepare students for a course in calculus or other advanced level math and science courses. This course differs from the academic course in pace and depth in regards to the study of the material. Pacing and depth of curriculum are commensurate with an Honors level course.

Prerequisite: Algebra II Honors and/or Geometry H with recommendation of Algebra II H and/or Geometry H instructor(s)

**PROBABILITY AND STATISTICS (11, 12)
semester course****Course # 54447**

This elective course is intended to provide a fundamental background in statistical topics for any student who will be engaged in any of the following: math, natural sciences, education, social studies, psychology, or business. Topics include: probability, basis statistics, distributions, sampling, estimation, applications and projects. A statistical calculator is required.

Prerequisite: Student must have taken or be concurrently enrolled in Algebra II and must have recommendation of his current math instructor

STATISTICS 110/111 ADVANCED PLACEMENT (11, 12)**Course # 54547/54557**

This elective AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Topics include: developing analytical and critical thinking skills, to describe data patterns and departures from patterns, plan and conduct studies, use probability and simulation to explore random phenomena, estimate population parameters, test hypotheses, and make statistical inferences. A statistical calculator (such as TI-83) is required. Pacing and depth of curriculum are commensurate with an AP level course.

Prerequisite: Student must have taken or be concurrently enrolled in Algebra II and must have recommendation of his current math instructor

RELIGION

The purchasing of supplemental materials is required for some of the classes in the Religion Department.

Core Courses

RELIGION I (9)

Course # 61127

Introduction to Catholicism

The purpose of this course is to provide students with a comprehensive survey of Catholic belief and practice. The course lays the foundation for a four year catechetical, spiritual, and pastoral formation program and promotes participation in the life and mission of the Church. It will assist students in developing the necessary attitude, values and skills to integrate faith and daily life.

Faith and Revelation: Knowing God Through Sacred Scripture

The purpose of this course is to give students a general knowledge and appreciation of the Sacred Scriptures. Through their study of the Bible they will come to encounter the living Word of God, Jesus Christ. In the course they will learn about the bible, authored by God through Inspiration, and its value to people throughout the world. If they have not been taught this earlier, they will learn how to read the Bible and will become familiar with the major sections of the Bible and the books included in each section. The students will pay particular attention to the Gospels, where they may grow to know and love Jesus Christ more personally.

RELIGION II (10)

Course # 62127

The Blessed Trinity and Our Christian Vocation

The purpose of this course is 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.

The Mystery of Redemption and Christian Discipleship

The purpose of this course is to help students understand all that God has done for us through his Son, Jesus Christ. Through this core 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.

RELIGION III 101/102 (11)

Course # 63127/63337

The Church: Sacrament of Salvation

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 the life of the Church and the sacred nature of the Church.

The Sacraments: Source of Our Life in Christ

The purpose of this course is 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.

Our Moral Life in Christ

The purpose of this course is to help the students to 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.

The Call of Christ: On Christian Vocation

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.

Elective**CHURCH HISTORY (11, 12)****Course # 600117****semester course**

The purpose of this course is to supply the students with a general knowledge of the Church's history from apostolic times to the present. Students will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by him throughout history through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today and, as such, has both divine and human elements. In this course, students will learn about the Church's 2000 years of history and about how the Church is led and governed by the successors of the Apostles.

Prerequisite: None

SCIENCE

ANATOMY AND PHYSIOLOGY 101/102 (11, 12)

Course # 75117/75127

Anatomy is the study of internal and external structures and the physical relationship between body parts. Physiology is the study of how living organisms perform their vital functions. The class will study the structures that make up the human body and the processes that allow the body to function on chemical, cellular, tissue, organ and organ system levels.

Prerequisite: Recommendation of Chemistry instructor

BIOLOGY I CPII (9)

Course # 72117

Biology I CPII is a study of life on earth from simple single celled organisms to the complex human being. The course will discuss the effects of man's interaction with all life on earth. In addition to the study of the many different living species, students will also study topics such as photosynthesis, respiration, genetics, disease, evolution, pollution, nutrition, and drug abuse.

Prerequisite: Placement is determined from the High School Placement Test (HSPT), grade school recommendations and other standardized testing in grade school

BIOLOGY I CPI (9)

Course # 72227

Biology I is a detailed study of life on earth covering the five major kingdoms of organisms (monera, protista, fungi, plantae, animalia) in their ascending order of complexity. This course will also study topics such as photosynthesis, respiration, genetics, disease, evolution, pollution, nutrition, and drug abuse. This course will emphasize the role humans play in the environment and the reasons for the conservation and preservation of all living things.

Prerequisite: Placement is determined from the High School Placement Test (HSPT), grade school recommendations and other standardized testing in grade school

BIOLOGY I HONORS (9)

Course # 72337

Biology I Honors is a course designed to challenge students academically and to prepare them for more advanced biology training. Honors Biology will study the five major kingdoms of living organisms (monera, protista, fungi, plantae, animalia). This course will also cover topics such as photosynthesis, respiration, genetics, evolution, disease, pollution, nutrition, drug abuse, ecology, and conservation.

Prerequisite: Placement is determined from the High School Placement Test (HSPT), grade school recommendations and other standardized testing in grade school

BIOLOGY II 101/102 (11, 12)

Course # 72447/72457

This course will cover topics such as: microbiology (bacteria, viruses, protozoa, and fungi), ecology (ecosystems, biospheres, environmental science), anthropology (human evolution), the plant kingdom (classification, structure and function, reproduction and responses), and vertebrates. Topics will be explored in much greater detail than in Biology I. This course will include lecture, labs, projects, and field trips.

Prerequisite: Biology and Chemistry

BIOLOGY 110/111 ADVANCED PLACEMENT (Independent Study) (11, 12)

Course # 72547/72557

This course is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes-- energy and communication, genetics, information transfer, ecology, and interactions.

Prerequisite: Biology and Chemistry and recommendation of Guidance Counselor or Dean of Academics

BIO 126 HUMAN NUTRITION (11, 12) DUAL CREDIT

Course # 700117

This dual credit course offered online through Northern Kentucky University includes human nutrition requirements; physiology of digestion and absorption; world food crises; food faddism and miracle diets. Not applicable to major or minor in biological sciences. Successful completion of the course earns 3 general education credit hours in Natural Sciences at Northern Kentucky University and an elective half credit at Covington Catholic High School in Science.

Prerequisite: Required GPA and ACT scores and approval by the Senior Counselor or Dean of Academics

CHEMISTRY CPII (10)**Course # 73117**

Chemistry CPII is a course that surveys the eight following topics: 1. Supplying Our H₂O Needs, 2. Conserving Resources, 3. Petroleum, 4. Understanding Food, 5. Nuclear Chemistry, 6. Chem-air and Climate, 7. Health: Your Risks and Choices, 8. Chemical Industry: Promise and Challenge. By studying the text, observing the demonstrations, and participating in the experiments, the students will become more informed citizens capable of making better decisions.

Prerequisite: Biology and recommendation of Biology instructor

CHEMISTRY CPI (10)**Course # 73237**

Chemistry CPI is a study of the facts, formulas, and principles of matter, energy, structure of the atom, chemical formulas and equations, stoichiometry, phases of matter, gas laws, solutions, chemical equilibrium, acid and base, and titration. This course will prepare a student planning to pursue a non-science major for a college chemistry course. The student will also become a more informed citizen capable of making better decisions. By studying the text, observing the demonstrations, and participating in the experiments, a student will understand the basic concepts underlying the facts, formulas, and principles of chemistry. A lab workbook must be purchased from the school bookstore for this class.

Prerequisite: Biology and recommendation of Biology instructor

CHEMISTRY HONORS (10)**Course # 73127**

This course will thoroughly prepare a student for a college chemistry class. The purpose of the course encompasses three goals:

1. That students learn the facts, formulas, and principles of matter, energy, structure of the atom, chemical formulas and equations, stoichiometry, phases of matter, gas laws, solutions, chemical kinetics and thermodynamics, chemical equilibrium, acid and base, oxidation and reduction, electrochemistry, and organic chemistry.
2. That students understand the basic concepts underlying the facts, formulas, and principles.
3. That students develop critical-thinking and problem solving skills not only for chemistry class but also for everyday life.

These goals will be accomplished by careful study of the text, outside reading and applications through demonstrations and laboratory experiments. A lab workbook must be purchased from the school bookstore for this class.

Prerequisite: Biology or Biology Honors and recommendation of Biology instructor

CHEMISTRY II 110/111 ADVANCED PLACEMENT (11, 12)**Course # 73557/73567**

Chemistry II AP is a course designed to complete all the topics taught at the college level in general chemistry. This course follows the curriculum established by the College Board and prepares the students to take the Advanced Placement examination in General Chemistry. It includes a review of chemistry I and a more complete study of the structure of matter, states of matter, and reactions. The course will include nuclear chemistry, equilibrium, kinetics, thermodynamics, descriptive chemistry, organic chemistry biochemistry and electrochemistry and an intense laboratory component which will stress observation skills, data recording and interpretation in a written report. A laboratory workbook must be purchased from the school bookstore for this class.

Prerequisite: Completion of Chemistry CPI/Honors; completion of Algebra II CP1/Honors; and recommendation of chemistry instructor or current science teacher

EARTH AND SPACE SCIENCE 101/102 (11, 12)**Course # 76117/76127**

This course explores the following topics: the formation of the earth, the study of the earth's ocean systems, atmosphere, climate, and geological formations, as well as the formation of the solar system, the study of star formations and the creation of the universe. This course is designed for students interested in taking a science course that contains a limited use of mathematics.

Prerequisite: Recommendation of Chemistry instructor

HEALTH (9)**Course # 71117****semester course**

The Health course will explore wellness and its six dimensions (physical, mental, social, emotional, environmental and spiritual). The students will discover the importance of being well in all of these dimensions in order to assist them in making decisions regarding health practices and human behavior. Chapter tests and quizzes will be given as well as a project on a health topic.

Prerequisite: None**PHYSICAL EDUCATION ** (9)****Course # 71217****semester course**

This course offers a broad range of physical activities designed to introduce students to the concept of lifetime sport and exercise. It features team sports activities that can be used for future leisure pursuits, it teaches students to function effectively in athletic competition, and emphasizes the practice of good sportsmanship. The course also explores the importance of sport in society and how it can benefit everyone. Chapter tests will be given on each topic covered in class. Students will also be required to keep an exercise log.

A physical education uniform must be purchased through the school's spirit shop.

**This course is graded on a satisfactory/unsatisfactory basis and is not computed for class rank or grade point average.

Prerequisite: None**PHYSICS 110 /111 HONORS (11, 12)****Course # 74237/74247**

This course will introduce the student to a quantitative view of the world by covering the following topics: mechanics, thermodynamics, sound optics, electricity, magnetism, and atomic physics.

Prerequisites: Algebra II CPI/Honors, Chemistry CPI/Honors and recommendation of chemistry instructor**PHYSICS 110/111 ADVANCED PLACEMENT (11, 12)****Course # 74127/74137**

This course is designed for those students who intend to pursue a career in science or a science-related field. The topics covered are kinematics, dynamics, statics, conservation laws, rotational motion, and planetary mechanics. These topics will be covered at a level comparable to a college class.

Prerequisites: 11th Grade - Algebra II CPI/Honors, Chemistry CPI/ Honors and recommendation of chemistry instructor**12th Grade - (1) Recommendation of Physics instructor (if Physics has been taken in Junior year),
(2) Recommendation of Dean of Academics (if Physics has not been taken in Junior year)**

SOCIAL STUDIES

AMERICAN GOVERNMENT (11, 12) semester course

Course # 84127

The purpose of this course is to explore the American system of government; how it is organized, how it functions, and the philosophy and principles which guide it. This course includes one major research assignment.

Prerequisite: None

ANT 100 INTRODUCTION TO CULTURAL ANTHROPOLOGY (11, 12) DUAL CREDIT

Course # 800117

This dual credit course offered online through Northern Kentucky University includes the definition and nature of culture, its content and structure (e.g kinship, politics and religion); basic field methods; emphasis on non-Western cultures.

Successful completion of the course earns 3 general education credit hours in Individual and Society, Global Viewpoints at Northern Kentucky University and an elective half credit at Covington Catholic High School in Social Studies.

Prerequisite: Required GPA and ACT scores and approval by the Junior/Senior Counselor or Dean of Academics

CURRENT ISSUES (12)

Course # 84227

semester course

Current Issues is a course designed to acquaint students with events that are presently taking place. This course explores the outbreak of peace as well as that of war, recession, inflation, famine, unemployment, crime, domestic violence, trends, fads and other pertinent issues that will give the student a better idea of the status of the world he is about to enter as an adult. This class may require the purchasing of supplemental materials such as a subscription to a news magazine or a newspaper.

Prerequisite: None

ECONOMICS 101/102 (11, 12)

Course # 13127/13137

A "hands on" method of teaching how to organize a business, sell a product, bank etc. through a model student company. Topics will include how to manage a business, the importance of advertising, the stock market and trade.

Prerequisite: None

EUROPEAN HISTORY 110/111 ADVANCED PLACEMENT (12)

Course # 84327/84337

European History is designed to prepare the students to take the Advanced Placement examination for college credit.

The course surveys the political, economic, social, intellectual, and cultural developments in Europe from the year 1450 to the mid-1970s. Particular emphasis is placed on the rise of modern states and the forces that shaped them. Advanced reading and writing skills are essential. Some summer reading is required.

Prerequisite: Recommendation of U.S. History or AP U.S. History instructor

PSYCHOLOGY (11, 12)

Course # 75227

semester course

This course introduces the scientific study of human and animal behavior and experience. History, methods, basic concepts, and physiological components are studied. Major theories of perception, learning and personality are examined.

Prerequisite: None

PSYCHOLOGY 110/111 ADVANCED PLACEMENT (11, 12)

Course # 76227/76327

Advanced Placement Psychology is designed to replicate a college-level psychology course and to prepare the student to take the advanced placement test in Psychology. The course is an in-depth study of behavior and mental processes.

Major topics include an overview of the history of psychology, an introduction to research methods in psychology, a study of human thought processes, and the biological basis for behavior. Students will also learn about states of consciousness, motivation, emotion, life-span development, abnormal behavior, social psychology, and, theories of personality, as well as the principles of learning and memory. Good reading habits and writing skills are necessary for success in this course. A summer assignment is required for this course, and students should expect a major research assignment each semester.

Prerequisite: None

SOCIOLOGY (11, 12)**Course # 85337****semester course**

This course examines the behavior of groups of humans in relation to society. Focus is placed on social theories, culture, social relationships, social groups, social inequalities, and acts of social deviance.

Prerequisite: None**U.S. HISTORY (11)****Course # 83127**

The study of U.S. History is designed to acquaint the student with those individuals, events, and ideas which have shaped our American character. The course will cover the Colonial Period, the American Revolution, the New Nation Period, Sectionalism, the Civil War, Reconstruction, Industrialization (and attempts to reform it), Imperialism, World War I, World War II, and the post-war period.

Prerequisite: World Civilizations**U.S. HISTORY ADVANCED PLACEMENT (11)****Course # 83237**

Advanced Placement U.S. History is designed to prepare the student to take the advanced placement test in U.S. History. The course is an in-depth study of the economic, administrative, political, social, and intellectual forces that have shaped American history. Advanced writing habits and reading skills are necessary for success. Some summer reading is required. This class requires the purchasing of supplemental materials.

Prerequisite: Recommendation of World Civilizations instructor**WORLD CIVILIZATIONS (10)****Course # 82127**

World Civilizations is designed to give the student an overview of world cultures from the dawn of civilization to the present day. In studying these cultures, not only is the foundation laid for our own history and political institutions, but the influence of others is seen. Topics covered include the Classical World, the Middle Ages, the Renaissance, the Reformation, the Age of Discovery, the Age of Revolutions, Movements of Social Protest and the Contemporary World.

Prerequisite: None**WORLD GEOGRAPHY (9)****Course # 81127****semester course**

World Geography is the foundation course for all other Social Studies course offerings at Covington Catholic High School. This course will study the earth's surface in terms of political geography, economic distribution, varying landforms, and climates.

Prerequisite: None**WORLD HISTORY ADVANCED PLACEMENT (10)****Course # 83227**

This course is designed to prepare students to take the advanced placement test in world history. The course is a detailed, in-depth study of global civilizations from 8000 BC to the present day. Major themes addressed in this study will include analyzing commonalities among civilizations, political creations, social structures and efforts of state building and expansion. Special attention will be paid to the idea of a global civilization. Advanced reading, writing, and strong study habits are essential. Some supplemental supplies are required.

Prerequisite: Recommendation of the World History AP instructor and the Dean of Academics

STEM

AEROSPACE ENGINEERING (11, 12)

Course # 141137

This course propels students' learning in the fundamentals of atmospheric and space flight. As they explore the physics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets. They learn basic orbital mechanics using industry-standard software. They also explore robot systems through projects such as remotely operated vehicles.

Prerequisite: Introduction of Engineering Design and Principles of Engineering and recommendation of current STEM instructor

ENGINEERING DESIGN AND DEVELOPMENT (11, 12)

Course # 141147

The knowledge and skills students acquire throughout PLTW Engineering come together in Engineering Design and Development as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards, completing Engineering Design and Development ready to take on any post-secondary program or career. Engineering Design and Development is an Honors level course.

Prerequisite: Introduction of Engineering Design, Principles of Engineering, Aerospace Engineering and/or recommendation of current STEM instructor

INTRODUCTION TO ENGINEERING DESIGN (9, 10, 11)

Course #141117

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.

Prerequisite: Algebra I CPII/CPI/Honors or concurrent enrollment in Algebra I CPII/CPI/Honors

PRINCIPLES OF ENGINEERING (10, 11, 12)

Course #141127

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. Principles of Engineering is an Honors level course.

Prerequisites: Introduction to Engineering Design (IED), IED instructor recommendation

TECHNOLOGY (NON-STEM)

ANIMATION I (9, 10, 11, 12)

Course # 101197

semester course

Bang! Pow! Zoom! This course provides an exciting, hands-on exploration of the animation process, including past & present techniques. Students will learn how the industry giants create their magic (ie PIXAR, DISNEY, WARNER BROTHERS, etc.), and will be working in the very same programs used in the industry (ie ADOBE ANIMATE, TOON BOOM, MUDBOX, PHOTOSHOP, etc). We will make trips to the new CCH THEATER to screen past & present classics. Most importantly, students will learn techniques & software experience that will be beneficial in many future career applications (ie multi-media presentations).

Prerequisite: None

Outline of common concepts explored:

- Image editing and manipulation (traditional & digital)
- Special FX, including Monster Making! (create like Stan Winston from Jurassic Park)
- Multi-media presentations
- Past & present animation techniques
- Animation for the web
- 2-D and 3-D modeling
- Storyboarding, pencil tests & animatics
- Storytelling
- Green Screening
- Video Game history, character creation & gaming principles
- Overview of the technical & historical evolution of animation

ANIMATION II (9, 10, 11, 12)

Course # 101297

semester course

This hands-on course is a continuation of the skills and concepts explored in Animation I. More advanced techniques & tools will be explored. Students will develop and execute animated short films within a small team. Film techniques include 8-bit retro style animation, Claymation, animated movie intros, classic pencil tests & animatics, etc. The class explores past & present industry practices, development of a visual language, and collaborative teambuilding skills. If a student loves animation, then now is his chance to explore. The Animation industry is booming and always looking for new talent...you never know, this exciting field might be just right for you!

Prerequisite: Animation I or Graphic Design I

ANIMATION III (10, 11, 12)

Course # 101397

ANIMATION IV (10, 11, 12)

Course # 101497

semester courses

Animation III and IV are considered "independent study" courses and are built upon the concepts and techniques learned in Animation I & II. Students will explore animation projects in areas that most interest them. This might include traditional 2-D animation, 3-D animation, stop motion, film & video motion graphics, etc. Advanced animation students might also be called upon to mentor the Animation I & II students, as well as work on school-related projects. Students will use Adobe Photoshop, Illustrator, Animate, Sketchup, Inventor, Mudbox, and Premiere as well as other software options. These independent study courses are more student-driven and are based on areas of interest.

Prerequisite: Animation I & II and recommendation of Animation instructor

COMPUTER AIDED DESIGN (CAD) & 3-D MODELING I (11, 12)
semester course

Course # 101117

This course is for those who want to try AUTOCAD and other related software, and possibly explore engineering in college. Students gain a very thorough understanding of the features associated with a computer aided design/ drafting (CAD) system. They also gain valuable hands-on experience using the AUTOCAD software, learning program customization and file manipulation/ translation. The course explores the basics of mechanical drafting (some projects are first created by hand & pencil), as well as the process of Orthographic Projection, a 2-D drafting process used to represent a 3-Dimensional object. An introduction to Photoshop will be given for building professional presentation skills. Students will also utilize popular 3-D software such as GOOGLE SKETCHUP, AUTODESK INVENTOR and MUDBOX. This hands-on computer aided drafting course is designed for students interested in the engineering/ technical design process.

Prerequisite: None

COMPUTER AIDED DESIGN (CAD) & 3-D MODELING II (11, 12)
semester course

Course # 101217

CAD & 3-D Modeling II focuses on the application of the mechanical drafting process and will immerse students heavily into the field of ARCHITECTURE. This course will utilize the AutoCAD program but it will also involve drafting by hand. Students will also discuss and review other computer programs used in the engineering and design fields. Google Sketchup and AutoDesk Inventor will be explored again in greater detail and students will utilize the department's 3-D PRINTER. CAD II students will form engineering teams and dive into the world of architecture and create digital and foamboard models. Throughout the course, students will develop exciting new product designs, working from sketch to digital to final prototype.

Prerequisite: CAD & 3-D MODELING I

COMPUTER PROGRAMMING 110/111 AP (11, 12)

Course # 101177/102177

This is a college level course covering structured and object-oriented programming using Java. During the first semester of the course, the concepts learned in Introduction to Programming will be expanded to include graphical user interfaces and more complex programs in order to give students an intermediate understanding of programming. The development of good structured programming skills will be explored as students define and analyze problems, design computer solution algorithms and prove the correctness of the solution.

The second semester of this course will focus on structured programming, assignment and logical operators, decision-making, looping, functions and arrays. Students will also learn classes, inheritance, recursion, and other advanced topics using object oriented programming.

Prerequisite: Introduction to Programming and the recommendation of the Computer Programming AP instructor

GRAPHIC DESIGN I (9, 10, 11, 12)
semester course

Course # 101137

This course is an introduction into the creative world of Graphic Design. Students will learn many "transportable skills", or skills that will be helpful in many different fields. They will have many project-based learning experiences associated with creating graphics used for many applications (ie logo design, letterhead, business cards, websites, and more). This course is PACKED with software experience! Initially the course utilizes ADOBE PHOTOSHOP and ILLUSTRATOR, the creative industry giants...but also uses many other creative-based programs such as InDESIGN, ANIMATE, MUDBOX, SKETCHUP, INVENTOR, etc. Students will have several opportunities to HAVE THEIR WORK PUBLISHED! They will also have opportunities to create items for the CCH SPIRIT SHOP. The instructor will also introduce students to 1-2 local companies with which he has worked and provide students an opportunity to work directly with an actual client!

Prerequisite: None

Some projects include:

- annual CCH Christmas Card (published and seen by the entire community, school, alumni, feeder schools)
- CCH SUPER-HIKE T-shirt design (winning design is worn by the entire school)
- Service-based charity projects (ie we are currently in talks with the Cincinnati V.A. Hospital to create a series of murals)
- Halloween jack-o-lantern design (designs are created in Adobe Illustrator first, then carved by hand)
- Rebranding a local company's identity (ie logo)
- Magazine design
- Website design (learn how to create a website 2 different ways)
- design CCH SPIRIT SHOP gear!

GRAPHIC DESIGN II (9, 10, 11, 12)**Course # 101237****semester course**

This course is designed to further enhance the principles of graphic design and illustration. Students will also create many different real-world projects and products (i.e. corporate branding, package design, etc.). Students will be heavily involved in the primary software programs utilized by designers, artists and animators today: Adobe Photoshop, Adobe Illustrator, Adobe InDesign and Adobe Animate. Working in these programs will not only allow students to create designs for this class, but it will also provide them with the skills needed for many other applications (including the creation of more dynamic presentations for other classes, and for presentations in college and eventually in one's career field). Learning these programs will enhance a student's marketability and value to a potential employer, regardless of the field.

Prerequisite: Graphic Design I**GRAPHIC DESIGN III (11, 12)****Course # 101337****semester courses**

Graphic Design III builds on the concepts acquired in Graphic Design I and II and is for those considering a career design or illustration. This course is more student-driven, and projects are chosen primarily from the student's area of interest. In addition to more advanced design concepts, students will focus on illustration techniques. New media such as video editing will also be explored (i.e. Adobe Premiere). In addition, the class will cover other popular design software such as Adobe Animate, Indesign, etc. Other topics will include color theory and the psychology behind design. Students will receive an overview of all aspects of portfolio presentation (i.e. interviewing techniques, resume review, etc.) in order to prepare them for future employment. Students will also create independent projects for the school and for various charities as per the direction of the instructor. These advanced students will also help mentor the lesser experienced design students in the class that are enrolled in Graphic Design I or II.

Prerequisite: Graphic Design I and II and recommendation of the Graphic Design teacher**GRAPHIC DESIGN IV (11, 12)****Course # 101437****semester course**

Graphic Design IV builds on the concepts acquired in Graphic Design I, II & III and is for those considering a career design or illustration. This course is more student-driven, and projects are chosen primarily from the student's area of interest. In addition to using Adobe Photoshop & Adobe Illustrator, new media such as video editing will also be explored utilizing Adobe Premiere (i.e. Adobe Premiere). In addition, the class will cover other popular design software such as Adobe Animate, Indesign, etc. These advanced students will also help mentor the lesser experienced design students in the class that are enrolled Graphic Design I or II.

Prerequisite: Graphic Design III and recommendation of the Graphic Design teacher**INTRODUCTION TO COMPUTER SCIENCE (10, 11, 12)****Course # 101157****semester course**

In this introductory course, students will study the history of computing devices from the abacus to the modern day supercomputer. Participants will learn to add, subtract and multiply in other bases such as the binary, octal and hexadecimal systems and will explore the study of logic and Boolean algebra. Students will also learn to read and construct gate diagrams and ultimately design and build digital circuits on digital trainers.

Prerequisite: None**INTRODUCTION TO PROGRAMMING (10, 11, 12)****Course # 101167****semester course**

This course is an introductory programming course. The course is designed for students interested in learning more about programming and it is recommended for those going on to college and/or technical school. The course provides students with a solid background of standard computer logic, binary and hexadecimal numbering systems, AND, OR, and NOT logic, as well as structured programming concepts. Successful completion of this course is a requirement for the TMC Advanced Programming 110/111 Course.

Prerequisite: None

ROBOTICS I 101/102 (9, 10, 11, 12)**Course # 141157/141257**

This course provides students with content and skills essential to the design and operation of robotic systems. Students activities will include specialized sensors, electronic applications, engineering technologies, environmental physics, topographical considerations, programming, motions physics, electric motors, communications, simulations, simulation and modeling, and critical thinking skills. This course will be offered to students who have never taken a PLTW course and/or participated in a VEX competition. **Participation in VEX Robotics Competitions will greatly enhance instruction.**

This course takes place approximately one hour prior to school start time.

Prerequisites: None

ROBOTICS II-IV 101/102 (10, 11, 12)**Course #141167/141267**

These courses provide students with content and skills essential to the design and operation of robotic systems. Students activities will include specialized sensors, electronic applications, engineering technologies, environmental physics, topographical considerations, programming, motions physics, electric motors, communications, simulations, simulation and modeling, and critical thinking skills. **Participation in VEX Robotics Competitions will greatly enhance instruction.** This course takes place approximately one hour prior to school start time.

Prerequisites: Robotics 101/102 or completion of a PLTW course or participation in a VEX competition

TECHNOLOGY APPLICATIONS AND COMMUNICATIONS (9)**Course # 101147****semester course**

This course will allow students an opportunity to gain valuable computer skills that will be utilized in high school and in a post-secondary setting as well. The Microsoft Office suite will be the main focus of the class including Word, Excel, PowerPoint and Publisher. Other computer skills will be addressed including typing skills, understanding the local computer network, file maintenance and organization and other necessary applications. In addition, in this course, students will acquire pertinent skills necessary for public speaking and will be required to deliver several speeches in front of their classmates.

Prerequisite: None

WORLD LANGUAGES

FRENCH I-(Independent Study) (9, 10, 11)

Course # 41417

In this distance learning course, students will utilize a variety of audio, reading, pictorial, and written exercises, in order to learn to recognize targeted vocabulary and start incorporating basic grammatical concepts: articles, plurals, and noun/adjective gender agreement, vowel and consonant pronunciation, sentence patterns, numbers and counting, introductions and greetings, directional symbols, body parts, geography, and other vocabulary. In every lesson, students practice reading and comprehending French text, and then use the vocabulary from those readings to increase their speaking fluency.

French I is a student directed class taught via the Internet. It is a self-paced class. Each student may proceed at his own pace but must cover the full agenda including all tests, quizzes, daily work, etc. by the end of the academic year in order to receive credit.

Prerequisites: 9th Grade - Placement is determined from the freshman placement test, grade school recommendations and other standardized testing in grade school and recommendation of Guidance Counselor or Dean of Academics

10th -12th Grade -Recommendation of Guidance Counselor or Dean of Academics

FRENCH II-(Independent Study) (10, 11, 12)

Course # 42417

Building on French I, students in this distance learning course will increase their speaking confidence, vocabulary, reading comprehension, sentence construction skills, cultural knowledge, and their grammar, including: object and reflexive pronouns, natural vs. arbitrary gender, and past and present verb tenses. By the end of the course, students should be able to rewrite the ending to a story, use simple phrases to expand conversations, and follow a story line with full comprehension.

French II is a student directed class taught via the Internet. It is a self-paced class. Each student may proceed at his own pace but must cover the full agenda including all tests, quizzes, daily work, etc. by the end of the academic year in order to receive credit.

Prerequisites: Successful completion French I

FRENCH III HONORS-(Independent Study) (11, 12)

Course # 43417

This course is a continuation of the beginning level courses that will help the student continue learning the French language. In this course, the student will learn listening, speaking, reading, and writing skills through activities that are based on pedagogically proven methods of foreign language instruction. Throughout the five units of material (feelings, transportation, work, countries, future, health, home, measurements, professions and personal history), students learn to express themselves using an ever increasing vocabulary, present, past, future, and conditional-tense verbs, articles, adjectives and increasingly complex grammatical structures. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Culture is sprinkled throughout the course in an attempt to help the learner focus on the French speaking world and their culture, people, geographical locations and histories. The course is aligned to the national Foreign Language standards.

Prerequisites: Successful completion French I and II

GERMAN I (9, 10, 11)

Course # 41127

The goal of German I is to develop fundamental knowledge of the four basic skills of reading, writing, speaking, and listening, with the heaviest emphasis on reading. Students will memorize words and the rules of grammar. A workbook must be purchased from the school bookstore for this class.

Prerequisite: 9th Grade - Placement is determined from the freshman placement test, grade school recommendations and other standardized testing in grade school

10th -12th Grade - None

GERMAN II (10, 11, 12)

Course # 42127

German II builds on the skills acquired in German I. Students are introduced to more complex concepts in order to develop a greater understanding of the four skills of writing, reading, speaking and listening in the language.

Prerequisite: Recommendation of German I instructor

GERMAN III 110/111 HONORS (11, 12)
GERMAN IV 110/111 HONORS (11, 12)

Course # 43127/43137
Course # 44127/44137

German III/IV is a continuation of the skills taught in German I & II with greater emphasis placed on the skills of reading and speaking. This class is taught in the language with most replies also spoken in German. The spoken word is developed through plays, demonstrations, speeches, and dialogues. Written work or readings will be assigned often. A workbook must be purchased from the school bookstore for this class.

Prerequisite: Recommendation of German II instructor

JPN 101 JAPANESE I (11, 12) DUAL CREDIT

Course # 400117

This dual credit course offered online through Northern Kentucky University includes fundamentals; introduction to Japanese culture; basic skills in pronunciation, conversation, vocabulary, grammar, kana syllabary writing system. Successful completion of the course earns 3 general education credit hours in Culture and Creativity at Northern Kentucky University and an elective half credit at Covington Catholic High School. This course does not fulfill the Kentucky Pre-College Curriculum World Language requirement.

Prerequisite: Required GPA and ACT scores and approval by the Senior Counselor or Dean of Academics

JPN 102 JAPANESE II (11, 12) DUAL CREDIT

Course # 400127

This dual credit course offered online through Northern Kentucky University is a continuation of JPN 101. Further command of grammar and expansion of vocabulary in conversational Japanese; introduction of additional Chinese characters for reading comprehension and writing. Successful completion of the course earns 3 general education credit hours in Culture and Creativity at Northern Kentucky University and an elective half credit at Covington Catholic High School. This course does not fulfill the Kentucky Pre-College Curriculum World Language requirement.

Prerequisite: JPN 101 or equivalent, required GPA and ACT scores and approval by the Senior Counselor or Dean of Academics

LATIN I (9, 10, 11)

Course # 41117

Latin I will cover the basics of Latin grammar, culture, and history. Students will translate from Latin to English and English to Latin. They will also read excerpts from the great writers of Latin literature and history.

Prerequisite: 9th Grade - Placement is determined from the freshman placement test, grade school recommendations and other standardized testing in grade school
10th and 11th Grade – None

LATIN II (10, 11, 12)

Course # 42227

Latin II builds on the instruction of Latin I. Students are introduced to more complex grammatical structures, including the subjunctive mood, ablative absolute, result, and purpose clauses. The instruction in Roman culture and history becomes more detailed. The students are also introduced to various Roman authors and learn to read and appreciate famous Roman authors such as Julius Caesar and Marcus Tullius Cicero.

Prerequisite: Recommendation of Latin I instructor

LATIN III HONORS-(Independent Study) (11, 12)

Course # 43337

The Latin III class is a student directed distance learning class taught via the Internet which will augment the student's grammar and vocabulary skills, increase reading proficiency through cultural and historical presentations and student participation via phone and the Internet. Students will be required to read many authentic Latin writings including selections from Caesar, Cicero, Augustus, Pliny, Trajan, and Eutropius. Through the words of these Roman authors, the students will increase their knowledge of the intricacies of the late Roman Republic and early Roman Empire. Grammatical concepts and Latin vocabulary are reinforced in the context of these selections.

Latin III is a self-paced class. Each student may proceed at his own pace but must cover the full agenda including all tests, quizzes, daily work etc. by the end of the academic year in order to receive credit.

Prerequisites: Successful completion of Latin I and II

SPANISH I CPII (10, 11)**Course # 41337**

In Spanish I CPII, the student concentrates on learning the acquisition of basic vocabulary and a foundation in Spanish grammar. The students are taught pronunciation and conversational skills. The pace will be somewhat slower than CPI with repeated enforcement of grammatical concepts. In addition, an introduction to Hispanic culture will be presented to the students. Presentations and projects will give the students alternate methods of evaluation. A workbook must be purchased from the school for this class.

Prerequisite: This course is only available to students who are or have been in an English CPII course. It is not open to 9th grade students.

SPANISH I CPI (9, 10, 11)**Course # 41327**

In Spanish I emphasis is placed on providing the student a good foundation in the language. The students are taught pronunciation and beginning vocabulary with the goal of basic conversation by year's end. Writing becomes more important as the study of grammar develops throughout the first year. One of the goals for Spanish I is to prepare students for subsequent years of the language. The study of cultural topics is done throughout the year and students' reading skills are developed with cultural lectures. Another goal for first year students is to appreciate and value the influence in American society of people from different ethnic groups. A workbook must be purchased from the school for this class.

**Prerequisite: 9th Grade - Placement is determined from the freshman placement test, grade school recommendations and other standardized testing in grade school
10th and 11th Grade – None**

SPANISH II CPII (11, 12)**Course # 42337**

Spanish II CPII builds upon the vocabulary and grammar taught in the introductory course. Communication both in oral and written form will be emphasized. Students in this class will develop better conversation skills in Spanish and study more advanced grammatical concepts. Like Spanish I CPII, students will need to spend time memorizing vocabulary words and studying grammatical concepts. Students will be taught to speak and write at a more advanced level. Through repetition and drills, students will master basic grammar. Projects and presentations will be additional measures of evaluation. A workbook must be purchased from the school for this class.

Prerequisite: Spanish I CPII This course is only available to students who are or have been in an English CPII course

SPANISH II CPI (9, 10, 11, 12)**Course # 42327**

Spanish II continues the development of vocabulary and grammatical structures. Listening, speaking, reading and writing in the language are emphasized at a more advanced level. At the end of Spanish II, students will have studied all basic grammatical constructions and be able to understand and communicate in Spanish at an intermediate level. A workbook must be purchased from the school for this class.

Prerequisite: Recommendation of Spanish I instructor

SPANISH III HONORS (11, 12)**Course # 43227**

Spanish III continues an emphasis on the spoken language. Class is conducted primarily in Spanish. More complex grammatical constructions are explored and students develop more sophisticated written and spoken communication skills. Students read short stories, poetry and condensed novels in Spanish and discuss the stories orally. Vocabulary is expanded and students work to develop proficiency in all skills associated with learning a second language. A workbook must be purchased from the school for this class.

Prerequisite: Recommendation of Spanish II instructor

SPANISH IV 110/111 HONORS (12)**Course # 44227/44237**

Spanish IV is intended to develop functional, communicative language ability in written and oral form. The primary objectives are to reinforce the many grammatical structures and verb tenses that have already been learned, expand from conjugating to communicating, and synthesize what has been learned into actually using the material in communication. Students develop proficiency by communicating in Spanish both orally and in written form. Literary compositions are read and discussed.

Prerequisite: Recommendation of Spanish III Honors instructor

GENERAL ELECTIVES

LAW AND JUSTICE (9, 10, 11, 12)

Course # 131127

Students in Law and Justice collaborate with local attorneys to learn about the legal system, specifically the advocacy skills needed to compete in simulated trials for the Kentucky High School Mock Trial Association region and state competitions. The course promotes a positive environment of advocacy within a set of rules and fosters critical thinking skills. Students learn to write and argue as an advocate with the specific purpose of proving their case. Students also develop public speaking skills and learn to think on their feet. Preparation for the program is demanding and time-consuming, requiring participants to meet collectively outside of school two to three times per week for at least two hours at a time and to also work individually outside of these practice times, particularly on drafting and memorizing parts. A minimum of 60 hours are required to earn credit and participate in the competitions. This course is a general elective pass/fail course.

Prerequisite: None

VOCATIONAL CAREER/TECHNICAL SCHOOL, 11TH GRADE

Course # 03317

VOCATIONAL CAREER/TECHNICAL SCHOOL, 12TH GRADE

Course # 04417

Technical School programs are offered in conjunction with Gateway Community and Technical College. Emphasis is placed on academic achievement and the development of technical skills to ensure success not only in a current career field but also tomorrow's competitive job market.

A student taking technical courses attends classes at one of Gateway's campuses during times dictated by his Covington Catholic class schedule and Gateway's course offerings.

Technical programs offered:

Air Conditioning Technology

Energy Technology

Automotive Technology

Fire/Rescue Technology

Computers & Information Technology

Health Information Technology

Collision Repair Technology

Industrial Maintenance Technology

Computer & Information Technology

Manufacturing Engineering Technology

Diesel Technology

Plumbing Technology

Electrical Technology

Welding Technology

Prerequisite: Guidance counselor recommendation

PROPOSED NEW COURSES

ADVANCED GUITAR (10, 11, 12) semester course

Course # 36127

Advanced Guitar is designed for students that demonstrate exceptional aptitude either through private study or during their time in Intro to Guitar. Students in Advanced Guitar will have personalized weekly instruction on a variety of longer-term projects, with an emphasis on developing musicianship skills and further honing music literacy. Students are expected to be self-motivated and able to work towards long-term deadlines. Material to cover includes: Travis picking and other systems of right-hand emphasis, Tablature and Standard Notation familiarity, pattern recognition on Box Patterns and similar concepts, and the ability to adapt to ensemble playing. Styles of play will include Blues, Jazz, Rock, Country, R&B, Classical, and many more as time allows.

Prerequisite: By teacher recommendation only

CYBERSECURITY CAREER EXPLORATION TRACK (11, 12)

INF 120 Elementary Programming (11, 12) DUAL CREDIT SEMESTER ONE

Course # 100117

This dual credit course offered online through Northern Kentucky University provides an elementary introduction to programming for those with no previous programming experience. Emphasis on understanding how to read and write basic procedural programs, and on understanding the concepts of algorithm and execution.

Successful completion of the course earns 3 general education credit hours at Northern Kentucky University and an elective half credit at Covington Catholic High School in general electives.

Prerequisite: Required GPA and ACT scores and approval by the Junior/Senior Counselor or Dean of Academics

CIT 130 INFORMATION TECHNOLOGY FUNDAMENTALS (11, 12) DUAL CREDIT SEMESTER TWO

Course # 100127

This dual credit course offered online through Northern Kentucky University offers an introduction to the organization of computers, operating systems, and networks; comparison of common operating systems; hands-on experience in PC construction and configuration; command-line usage of Windows and Unix/Linux systems; data representation; overview of the information technology industry and its societal context.

Successful completion of the course earns 3 general education credit hours at Northern Kentucky University and an elective half credit at Covington Catholic High School in general electives.

Prerequisite: Required GPA and ACT scores and approval by the Junior/Senior Counselor or Dean of Academics

INF 284 INTRO TO NETWORKS & DATA COMMUNICATION (11, 12) DUAL CREDIT SEMESTER THREE

Course # 100137

This dual credit course offered online through Northern Kentucky University provides an introduction to computer networking principles, focusing on network applications such as HTTP, Email, DNS, SSH and DHCP. Various protocols in the TCP/IP stack and emerging networking technologies are covered. Lab exercises reinforce concepts.

Successful completion of the course earns 3 general education credit hours at Northern Kentucky University and an elective half credit at Covington Catholic High School in general electives.

Prerequisite: Required GPA and ACT scores and approval by the Junior/Senior Counselor or Dean of Academics

CIT 285 CYBERSECURITY FUNDAMENTALS (11, 12) DUAL CREDIT SEMESTER FOUR

Course # 100147

This dual credit course offered online through Northern Kentucky University offers an introduction to fundamental concepts and technologies in cyber-security, with lab exercises that focus on practical aspects of securing computers. Topics include risk analysis, common attacks and defenses, authentication, access control, network security, application and data security, and cryptography.

Successful completion of the course earns 3 general education credit hours at Northern Kentucky University and an elective half credit at Covington Catholic High School in general electives.

Prerequisite: Required GPA and ACT scores and approval by the Junior/Senior Counselor or Dean of Academics

PROPOSED NEW COURSES (cont.)

ECO 200 PRINCIPLES OF MACROECONOMICS (11, 12) DUAL CREDIT

Course # 150147

This dual credit course offered online through Northern Kentucky University is an introductory macroeconomics course. Course topics include national income and employment, economic growth, business cycles and inflation, the economic role of the government, the role of money and the banking system and international trade.

Successful completion of the course earns 3 general education credit hours in Individual and Society, Global Viewpoints at Northern Kentucky University and an elective half credit at Covington Catholic High School in Business and Social Studies.

Prerequisite: Required GPA and ACT scores and approval by the Junior/Senior Counselor or Dean of Academics

ECO 201 PRINCIPLES OF MICROECONOMICS (11, 12) DUAL CREDIT

Course # 150137

This dual credit course offered online through Northern Kentucky University is an introductory microeconomics course.

Course topics include individual market behavior in a capitalistic economy, the role of supply and demand in the determination of value and resource allocation, monopoly and its regulation, the problems of economic growth, population growth, and the environment.

Successful completion of the course earns 3 general education credit hours in Individual and Society, Global Viewpoints at Northern Kentucky University and an elective half credit at Covington Catholic High School in Business and Social Studies.

Prerequisite: Required GPA and ACT scores and approval by the Junior/Senior Counselor or Dean of Academics

GLY 120 THIS DANGEROUS EARTH (11, 12) DUAL CREDIT

Course # 701117

This dual credit course offered online through Northern Kentucky University is a study of the ways in which geology affects our society including geologic hazards such as volcanoes, earthquakes, landslides, flooding, and coastal erosion as well as the pollution of our soil and water resources. Emphasis is placed on environmental geologic conditions in the tri-state.

Successful completion of the course earns 3 general education credit hours in Natural Sciences at Northern Kentucky University and an elective half credit at Covington Catholic High School in Science.

Prerequisite: Required GPA and ACT scores and approval by the Junior/Senior Counselor or Dean of Academics

Dual Credit Course Information: School-Based Scholars

Covington Catholic High School is partnering with Northern Kentucky University to offer select dual credit courses for the 2021-2022 academic year. Dual credit courses allow a student to earn both high school and college credit at a discounted NKU tuition rate.

In order to enroll in the NKU School-Based Scholars (SBS) program, you must meet the following requirements:

- 11th or 12th grade
- Have a minimum cumulative 3.3 Unweighted GPA at the end of your Junior year or a minimum cumulative 3.6 Unweighted GPA at the end of your Sophomore year (or counselor or Dean of Academics approval)
- Have a composite ACT score of **20 or higher**. Comparable SAT scores are also accepted. **English IV dual credit students must meet higher prerequisite.**
- Complete the NKU SBS application (must turn in with course selection sheet)
- Complete the NKU SBS disclosure form (must turn in with course selection sheet)
- Complete the Dual Credit contract (must turn in with course selection sheet)
- Send high school transcript and ACT/SAT scores

The School-Based Scholars application and disclosure form can be accessed at <https://inside.nku.edu/schoolbasedscholars.html>. The SBS website will have all of the information you may need to make an informed decision on if a dual credit course is right for you. The grading policies, program fees, course catalog can all be accessed through this site.

Important Points of Consideration:

- Dual credit courses have additional tuition and fees, including but not limited to textbook fee(s) or other ancillary materials required for the course.
- Dual credit courses are the start of your college transcript. Grades will follow you to your selected post-secondary institution.
- Dual credits earned through Northern Kentucky University are guaranteed to be accepted at any public post-secondary institution in Kentucky.
 - It is the responsibility of the student to ensure credits will be accepted at private and/or out-of-state institutions.
- You must earn a C or higher in order to take the second semester of a course and stay in the SBS program.
 - For example, if you do not earn a C or higher in Japanese 101, you will not be permitted to take Japanese 102 and will be removed from the program. A CCH replacement course would then have to be taken second semester.
- All dual credit courses offered to CCH students are asynchronous online classes, with the exception of English IV/English 101/102. English will be taught on the Covington Catholic campus by a credentialed dual credit teacher.
 - Asynchronous courses mean that students do not have a set period of time to be logged in with other students and professor. Students taking online courses need to be disciplined with time management and need to be able to work independently, as face-to-face access with peers and faculty is not available.
- All dual credit courses are on a 5.0 weighted GPA scale.
- Dual credit courses cannot serve as back-up choices on your course selection sheet. They must be listed as primary scheduling choices.

NCAA CLEARINGHOUSE COMPLIANCE INFORMATION

If you want to play sports at an NCAA Division I or II school, start by registering for a Certification account with the NCAA Eligibility Center at eligibilitycenter.org. If you want to play Division III sports or you aren't sure where you want to compete, start by creating a Profile Page account at eligibilitycenter.org.

ACADEMIC REQUIREMENTS

To play sports at a Division I or II school, you must graduate from high school, complete 16 NCAA-approved core courses, earn a minimum GPA and earn an SAT or ACT score that matches your core-course GPA.

CORE COURSES

Only courses that appear on your high school's list of NCAA core courses will count toward the 16 core-course requirement; visit eligibilitycenter.org/courselist for a full list of your high school's approved core courses. Complete 16 core courses in the following areas:

DIVISION I

Complete 10 NCAA core courses, including seven in English, math or natural/physical science, before your seventh semester.

ENGLISH	MATH (Algebra I or higher)	NATURAL/ PHYSICAL SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math or natural/physical science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)
4 years	3 years	2 years	1 year	2 years	4 years

DIVISION II

ENGLISH	MATH (Algebra I or higher)	NATURAL/ PHYSICAL SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math or natural/physical science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)
3 years	2 years	2 years	3 years	2 years	4 years

GRADE-POINT AVERAGE

The NCAA Eligibility Center calculates your **grade-point average** based only on the grades you earn in NCAA-approved core courses.

- DI requires a minimum 2.3 GPA.
- DII requires a minimum 2.2 GPA.

SLIDING SCALE

Divisions I and II use sliding scales to match test scores and GPAs to determine eligibility. The sliding scale balances your test score with your GPA. If you have a low test score, you need a higher GPA to be eligible. Find more information about sliding scales at ncaa.org/test-scores.

TEST SCORES

You may take the SAT or ACT an unlimited number of times before you enroll full time in college. Every time you register for the SAT or ACT, use the NCAA Eligibility Center code **9999** to send your scores directly to us from the testing agency. We accept official scores only from the SAT or ACT, and cannot use scores shown on your high school transcript. If you take either test more than once, the best subscore from different tests are used to give you the best possible score. More information regarding the impact of COVID-19 and test scores can be found at on.ncaa.com/COVID19_Fall_B.

HIGH SCHOOL TIMELINE

9TH GRADE



- *Start planning now!* Take the right courses and earn the best grades possible.

- Find your high school's list of NCAA-approved core courses at eligibilitycenter.org/courselist.
- Sign up for a free Profile Page account at eligibilitycenter.org for information on NCAA requirements.

10TH GRADE

REGISTER



- If you fall behind academically, ask your counselor for help finding approved courses you can take.

- Register for a Profile Page or Certification account with the NCAA Eligibility Center at eligibilitycenter.org.
- Monitor your Eligibility Center account for next steps.
- At the end of the year, ask your counselor at each high school or program you attended to upload your official transcript to your Eligibility Center account.

11TH GRADE



- Check with your counselor to make sure you are on track to complete the required number of NCAA-approved courses and graduate on time with your class.

- Take the SAT/ACT and submit your scores to the NCAA Eligibility Center using code **9999**.
- Ensure your sports participation information is correct in your Eligibility Center account.
- At the end of the year, ask your counselor at each high school or program you attended to upload your official transcript to your Eligibility Center account.

12TH GRADE



- Complete your final NCAA-approved core courses as you prepare for graduation.

- Take the SAT/ACT again, if necessary, and submit your scores to the NCAA Eligibility Center using code **9999**.
- Request your final amateurism certification beginning April 1 (fall enrollees) or Oct. 1 (winter/spring enrollees) in your Eligibility Center account at eligibilitycenter.org.
- After you graduate, ask your counselor to upload your final official transcript with proof of graduation to your Eligibility Center account.
- *Reminder:* Only students on an NCAA Division I or II school's institutional request list will receive a certification.

How to plan your high school courses to meet the 16 core-course requirement:

$$4 \times 4 = 16$$

9TH GRADE

- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or additional

4 CORE COURSES

10TH GRADE

- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or additional

4 CORE COURSES

11TH GRADE

- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or additional

4 CORE COURSES

12TH GRADE

- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or additional

4 CORE COURSES

Search Frequently Asked Questions: ncaa.org/studentfaq

Follow us: @ncaaec

@playcollegesports

@ncaaec

**COVINGTON CATHOLIC
NCAA CLEARINGHOUSE COMPLIANT COURSES (March 2021)**

Approved Courses

English

Course Weight	◆	Title	◆	Notes
		CMST 101 PUBLIC SPEAKING		
		CREATIVE WRITING (.5 CR)		
		ENGLISH I CPI		
		ENGLISH I CPII		
H		ENGLISH I/H		
		ENGLISH II CPI		
		ENGLISH II CPII		
H		ENGLISH II/H		
		ENGLISH III 101 CPII		
		ENGLISH III 102 CPII		
		ENGLISH III CPI		
		ENGLISH III CPII		
H		ENGLISH III H		
A		ENGLISH III/AP		
		ENGLISH IV 101 CPI		
		ENGLISH IV 101 CPII		
		ENGLISH IV 101 DUAL CREDIT		
		ENGLISH IV 102 CPI		
		ENGLISH IV 102 CPII		
		ENGLISH IV 102 DUAL CREDIT		
A		ENGLISH IV 110/AP		
A		ENGLISH IV 111/AP		
H		ENGLISH IV/H		
		READING/WRITING WORKSHOP		
		SPEECH (.5 CREDIT)		

Course Weight	Title	Notes
	AMERICAN GOVERNMENT	
	ANT 100 INTRO TO CULTURAL ANTHROPOLOGY	
	CURRENT ISSUES (.5 CREDIT)	
	ECO 200 PRINCIPLES OF MACROECONOMICS	
	ECO 201 PRINCIPLES OF MICROECONOMICS	
	ECONOMICS 101	
	ECONOMICS 102	
A	ECONOMICS 110/AP	
A	ECONOMICS 111/AP	
A	EUROPEAN HISTORY 110/AP	
A	EUROPEAN HISTORY 111/AP	
	INTRO TO CLASSICAL PHILOSOPHY	
	KENTUCKY STUDIES	
	LAW & JUSTICE	
A	MACROECONOMICS AP	
A	MICROECONOMICS AP	
	PSYCHOLOGY (.5 CR)	
	PSYCHOLOGY 110/111 AP	
	SOCIOLOGY (.5 CR)	
	US HISTORY	
A	US HISTORY/AP	
	WORLD CIVILIZATIONS	
	WORLD GEOGRAPHY (.5 CREDIT)	
	WORLD HISTORY	
A	WORLD HISTORY AP	

Course Weight	◆	Title
		ALGEBRA I/CPI
		ALGEBRA I/CPII
H		ALGEBRA I/H
		ALGEBRA II/CPI
		ALGEBRA II/CPII
H		ALGEBRA II/H
		ALGEBRA III 101/102
A		AP STATISTICS 110/111
A		CALCULUS 110/AP
A		CALCULUS 111/AP
H		GEOMETRY H
		GEOMETRY/CPI
		GEOMETRY/CPII
		PRE-CALCULUS 101 CPI
		PRE-CALCULUS 101 CPII
		PRE-CALCULUS 102 CPI
		PRE-CALCULUS 102 CPII
H		PRE-CALCULUS H
		PROBABILITY & STATISTICS (.5 CREDIT)
A		STATISTICS AP

Course Weight	Title	Notes
	ANATOMY & PHYSIOLOGY 101	
	ANATOMY & PHYSIOLOGY 102	
	BIOLOGY CP I	
	BIOLOGY CP II	
	BIOLOGY II	
	BIOLOGY II 101	
	BIOLOGY II 102	
H	BIOLOGY/H	
	CHEMISTRY CP I	
	CHEMISTRY CP II	
	CHEMISTRY II 101	
	CHEMISTRY II 102	
H	CHEMISTRY II 110 H	
A	CHEMISTRY II 111 AP	
H	CHEMISTRY II 111 H	
H	CHEMISTRY/H	
A	CHEMISTRY II 110 AP	
	EARTH AND SPACE 101	
	EARTH AND SPACE 102	
	EARTH AND SPACE SCIENCE 101/102	
	GLY 120 THIS DANGEROUS EARTH DUAL CREDIT	
	PHYSICAL SCIENCE 101	
	PHYSICAL SCIENCE 102	
	PHYSICS 101	
	PHYSICS 102	
A	PHYSICS 110/AP	
A	PHYSICS 111/AP	
H	PHYSICS HONORS 110	
H	PHYSICS HONORS 111	

Additional Core Courses

Course Weight	◆	Title	◆	Notes
		FRENCH I		
		FRENCH II		
		GERMAN I		
		GERMAN II		
H		GERMAN III 110/H		
H		GERMAN III 111/H		
H		GERMAN IV 110/H		
H		GERMAN IV 111/H		
		JPN 101 JAPANESE I		
		JPN 102 JAPANESE II		
		LATIN I		
		LATIN II		
		LATIN III		
H		LATIN III HONORS		
		SPANISH I CP I		
		SPANISH I CP II		
		SPANISH II CP I		
		SPANISH II CP II		
		SPANISH III		
H		SPANISH III/H		
A		SPANISH IV 110/AP		
H		SPANISH IV 110/H		
A		SPANISH IV 111/AP		
H		SPANISH IV 111/H		

NCAA legislation permits a student to receive credit for a core course only one time. As a result, if a student repeats a core course, the student will only receive credit once for the core course, and the highest grade earned in the course will be included in the calculation of the student's core course grade point average. Likewise, if a student completes a course that is duplicative in content with another core course, the student will only receive credit for one of the duplicative courses, and the course with the highest grade earned will be included in the calculation of the student's core course grade point average.

INDEX

Academic Support Program	12
Accounting I 101/102	13
Advanced Band	18
Advanced Guitar	40
Advanced Placement Program	3
Aerospace Engineering.....	31
Algebra I CPII	21
Algebra I CPI	21
Algebra I H.....	21
Algebra II CPII	21
Algebra II CPI	21
Algebra II H	22
Algebra III 101/102.....	22
American Government	29
Anatomy and Physiology 101/102.....	26
Animation I.....	32
Animation II.....	32
Animation III.....	32
Animation IV	32
ANT 100 Introduction to Cultural Anthropology DC.....	29
Art I.....	18
Art II.....	18
Art III 110/111 H.....	18
Art IV 110/111 H	18
Art of the Film	19
Band	19
Biology I CPII	26
Biology I CPI.....	26
Biology I H	26
Biology II 101/102	26
Biology 110/111 AP	26
BIO 126 Human Nutrition DC.....	26
Calculus 110/111 AP	22
Career Exploration.....	13
Chamber Choir 110/111	19
Chemistry CPII.....	27
Chemistry CPI.....	27
Chemistry I H.....	27
Chemistry II 110/11AP	27
Church History	25

CIT 130 Information Technology Fundamentals DC	40
CIT 285 Cybersecurity Fundamentals DC	40
CMST 101 Public Speaking DC	14
Computer Aided Design & 3-D Modeling I.....	33
Computer Aided Design & 3-D Modeling II.....	33
Computer Programming 110/111 AP	33
Course Offerings	
Freshman.....	6
Sophomore	7
Junior.....	8
Senior	9
Covington Catholic NCAA Clearinghouse Compliant Courses	45-49
Creative Writing	14
Current Issues	29
Curriculum Overview.....	10-11
Cybersecurity Career Exploration Track.....	40
Drama I.....	19
Drama II.....	19
Drop/Add Procedures	2
Dual Credit Course Information	42
Earth and Space Science 101/102.....	27
ECO 200 Principles of Macroeconomics DC.....	41
ECO 201 Principles of Microeconomics DC	41
Economics 101/102	13, 29
Engineering Design & Development	31
English I CPII.....	14
English I CPI	14
English I H	14
English II CPII.....	14
English II CPI	14
English II H	15
English III CPII	15
English III CPI.....	15
English III H	15
English III AP	15
English IV 101/02 CPII.....	15
English IV 101/102 CPI.....	16
English IV 101/102 DC.....	16
English IV 110/111 H	16
English IV 110/111 AP	16
European History 110/111 AP.....	29
Failures.....	3
French I	36
French II	36

French III H	36
Geometry CPII	22
Geometry CPI	22
Geometry H	22
German I	36
German II	36
German III 110/111 H	37
German IV 110/111 H	37
GLY 120 This Dangerous Earth DC	41
Graphic Design I	33
Graphic Design II	34
Graphic Design III	34
Graphic Design IV	34
Health	28
INF 120 Elementary Programming DC	40
INF 284 Intro to Networks and Data Communications DC	40
Introduction to Computer Science	34
Introduction to Engineering Design	31
Introduction to Guitar	19
Introduction to Programming	34
Journalism I	16
Journalism II	17
JPN 101 Japanese I DC	37
JPN 102 Japanese II DC	37
Latin I	37
Latin II	37
Latin III H	37
Law and Justice	39
Music Appreciation	19
Music Theory AP	20
NCAA Clearinghouse Compliance Information	43-44
Personal Finance I	13
Personal Finance II	13
Philosophy of the Curriculum	2
Physical Education	28
Physics 110/111 H	28
Physics 110/111 AP	28
Pre-Calculus 101/102 CPII	23
Pre-Calculus 101/102 CPI	23
Pre-Calculus H	23
Pre-College Curriculum Requirements	4
Principles of Engineering	31
Probability and Statistics	23
Promotions	3

Purpose of Curriculum Guide.....	2
Psychology	29
Psychology 110/111AP	29
Religion I.....	24
Religion II.....	24
Religion III 101/102	24
Religion IV 101/102.....	25
Requirements for Graduation.....	3
Robotics I 101/102	35
Robotics II-IV 101/102	35
Select Choir 101/102	20
Sociology	30
Spanish I CP II.....	38
Spanish I CPI.....	38
Spanish II CP II.....	38
Spanish II CPI.....	38
Spanish III H	38
Spanish IV 110/111 H.....	38
Specialized Art 101/102	20
Speech	17
Statistics 110/111 AP	23
Technology Applications & Communication	35
U.S. History.....	30
U.S. History AP	30
Vocational School, 11 th grade	39
Vocational School, 12 th grade	39
Weighting System, GPA	5
Withdraw/Failure	3
World Civilizations.....	30
World Geography.....	30
World History AP.....	30

