

# Covington Catholic High School



## COURSE DESCRIPTION CATALOG

2025 - 2026

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# 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 7<sup>th</sup> 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     |
| 4 Mathematics    | 1 Visual/Performing Arts |
|                  | 6 or Electives           |

## **Pre-College Curriculum Requirements**

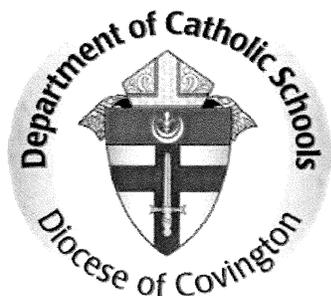
The following are the pre-college curriculum requirements for first-time freshmen under age 21 who enroll in a four-year degree program at a Kentucky public university. Please note that these are the minimum requirements and some colleges and/or program majors may have additional requirements beyond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

<u>Required Courses</u>		<u>Electives</u>	
<u>Course</u>	<u>Credit</u>	<u>Course</u>	<u>Credits</u>
English			
English I CPII .....	1	Academic Success 9.....	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	English	
Algebra II H.....	1	Speech and Etiquette (sem.) .....	½
Religion		Fine Arts	
Religion I .....	1	Art I.....	1
Science		Band .....	½
Biology I CPII .....	1	Select Choir 101/102 .....	1
Biology I CPI .....	1	General	
Biology I H .....	1	Law and Justice .....	½
Science		STEM	
Health (sem.).....	½	Introduction to Engineering Design (IED).....	1
Physical Education (sem.) .....	½	Technology (Non-STEM)	
Social Studies		Animation I (sem.).....	½
World Geography (sem.).....	½	Animation II (sem.).....	½
Technology (non-STEM)		Graphic Design I (sem.) .....	½
Computer & Financial Literacy Apps. (sem.).....	½	Graphic Design II (sem.) .....	½
		Robotics I 101/102 .....	1
		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

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## SOPHOMORES

(The normal course sequence for sophomores is seven credits)

<u>Required Courses</u>		<u>Electives</u>	
<u>Course</u>	<u>Credits</u>	<u>Course</u>	<u>Credits</u>
English		Academic Success 10.....	½
English II CPII .....	1	Business	
English II CPI .....	1	Accounting I 101/102 .....	1
English II H.....	1	Career Exploration .....	½
Mathematics		Personal Finance I (sem.) .....	½
Algebra II CPII .....	1	Personal Finance II (sem.) .....	½
Algebra II CPI .....	1	English	
Algebra II H.....	1	Speech and Etiquette .....	½
Geometry CPI .....	1	Fine Arts	
Geometry H.....	1	Band/Advanced Band .....	½
Religion		Advanced Guitar (sem.).....	½
Religion II .....	1	Art I.....	1
Science		Art II.....	1
Chemistry CPII .....	1	Chamber Choir 110/111.....	1
Chemistry CPI .....	1	Drama I (sem.).....	½
Chemistry H.....	1	Drama II (sem.).....	½
Social Studies		Introduction to Guitar (sem.) .....	½
World Civilizations.....	1	Select Choir 101/102.....	1
AP World History.....	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 CP/II, I, H or AP.....	1	Religion III 101(1 <sup>st</sup> semester).....	½
Math		Religion III 102 (2 <sup>nd</sup> semester).....	½
Geometry CP/II, 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>
Business		JUS 203 The Criminal Court Systems DC (sem.).....	½
Academic Success 11.....	½	JUS 231 Race, Gender, & Crime DC (sem.).....	½
Accounting I 101/102.....	1	KIN 125 Intro to PE, Fitness, and Sport DC (sem.).....	½
ACC 101 Princ. Of Finan. Accounting DC (sem.).....	½	KIN 200 Concepts of Lifetime Fitness DC (sem.).....	½
BUA 105 Intro to Business DC (sem.).....	½	Law and Justice.....	½
ECO 105 Principles of Economics DC (sem.).....	½	LAW 105 Introduction to Law DC (sem.).....	½
ECO 200 Principles of Macroeconomics DC (sem.).....	½	LDR Leadership in Action DC (sem.).....	½
ECO 201 Principles of Microeconomics DC (sem.).....	½	NAA 100 Nursing Assistant Skills I DC (sem.).....	½
Economics 101/102.....	1	PHI 110 Philosophy, Individuals and Society DC (sem.)...	½
Personal Finance II.....	½	POP 205 Intro to Pop Culture DC (sem.).....	½
English		REL 200 World Religions and Cultures DC (sem.).....	½
Creative Writing (sem.).....	½	SWK 106 Intro to Social Justice DC (sem.).....	½
CMST 101 Public Speaking DC (sem.).....	½	THE 205 Theology 205 DC (sem.).....	½
COM 105 Fundamentals of Public Speaking DC (sem.)....	½	Mathematics	
Speech (sem.).....	½	MAT 229 Calculus II DC (sem.).....	½
EMB 100 Media Literacy DC (sem.).....	½	Probability & Statistics (sem.).....	½
Fine Arts		Statistics AP 110/111.....	1
Band/Advanced Band.....	½	Religion	
Advanced Guitar (sem.).....	½	Church History (Sem.).....	½
Art I.....	1	Science	
Art II.....	1	Anatomy & Physiology 101/102.....	1
Art III 110/111 H.....	1	AST 115 Stars, Galaxies, and Cosmology DC (sem.).....	½
Art IV 110/111 H.....	1	Biology 101 DC.....	½
ART 100 Art Appreciation DC (sem.).....	½	Biology 102 DC.....	½
ART 152 History of Photography DC (sem.).....	½	Biology 110/111 AP (ind. study).....	1
ARTH 100 Renaissance Modernism DC (sem.).....	½	BIO 126 Human Nutrition DC (sem.).....	½
ART 101 Prehistoric through Gothic DC (sem.).....	½	Chemistry II 110/111 AP.....	1
Art of the Film (sem.).....	½	Earth/Space Science 101/102.....	1
Chamber Choir 110/111.....	1	GLY 120 This Dangerous Earth DC (sem.).....	½
Drama I (sem.).....	½	Physics 110/111 H.....	1
Drama II (sem.).....	½	Physics 110/111 AP Mechanics.....	1
Introduction to Guitar (sem.).....	½	STEM	
Music Appreciation (sem.).....	½	Aerospace Engineering.....	1
Music Theory AP 110/111.....	1	Engineering Design & Development.....	1
Select Choir 101/102.....	1	Introduction to Engineering Design.....	1
Specialized Art 101/102.....	1	Principles of Engineering.....	1
General		Social Studies	
BLS 100 Intro to Black Studies DC (sem.).....	½	American Government (sem.).....	½
CRJ 101 Criminal Justice 101 DC (sem.).....	½	ANT 100 Intro to Cultural Anthropology DC (sem.).....	½
GEO 100 Geography & Human Landscape DC (sem.).....	½	ANT 201 World Cultures DC (sem.).....	½
GEO 108 Physical Geography DC (sem.).....	½	Economics 101/102.....	1
JUS 101 Intro to Criminal Justice DC (sem.).....	½	ECO 105 Principles of Economics DC (sem.).....	½
JUS 200 Police in America DC (sem.).....	½		
General			
JUS 201 Corrections in America DC (sem.).....	½		

## JUNIORS (cont.)

<u>Course</u>	<u>Credits</u>		
<b>Social Studies</b>			
ECO 200 Principles of Macroeconomics DC (sem.)	.....½	Other	
HIS 103 US History since 1877 DC (sem.)	..... ½		
ECO 201 Principles of Microeconomics DC (sem.)	.....½		
HIS 255 American Foreign Policy DC (sem.)	..... ½		
PSC 100 American Politics DC (sem.)	..... ½		
PSY 100 Introduction to Psychology DC (sem.)	..... ½		
PSC 201 The Psychology of Money DC (sem.)	..... ½		
Psychology (sem.)	.....½		
Psychology 110/111 AP	..... 1		
Sociology (sem.)	.....½		
<b>Technology (Non-STEM)</b>			
Animation I or II (sem.)	.....½		Fire Department HS Internship Program ..... TBD
Animation III or IV (Ind. Study) (sem.)	.....½		St. Elizabeth HS Service Internship Program..... TBD
CIS 111 Intro to Computer Info Systems DC (sem.)	.....½		Vocational/Career Tech 101/102 DC ..... TBD
CIS 113 Computer Apps. & Hardware DC (sem.)	.....½		
CIS 114 Intro to Programming DC (sem.)	.....½		
CIS 115 Intro to Programming II DC (sem.)	.....½		
CIS 231 Foundations of Networking DC (sem.)	.....½		
CIS 267 Database I DC (sem.)	.....½		
CIT 130 Info Technology Fundamentals DC (sem.)	.....½	Science Lab Assistant/Study Hall (semester) .....0	
CIT 285 Cybersecurity Fundamentals DC (sem.)	.....½	Study Hall (semester)/(full year).....0	
CSC 260 Object-Oriented Programming I DC (sem.)	.....½		
Computer Programming 110/111 AP	.....1		
Graphic Design I (sem.)	.....½		
Graphic Design II (sem.)	.....½		
Graphic Design III or IV (sem.)	.....½		
INF 120 Elementary Programming DC (sem.)	.....½		
INF 284 Intro to Networks & Data Comm. DC (sem.)	.....½		
Introduction to Computer Science (sem.)	.....½		
Introduction to Programming (sem.)	.....½		
Robotics I 101/102	.....1		
Robotics II/III 101/102	.....1		
<b>World Languages</b>			
French I or II (ind. study)	..... 1		
FRE 101 French 101 DC (sem.)	..... ½		
FRE 102 French 102 DC (sem.)	..... ½		
German I, II or III 110/111 H	..... 1		
GER 101 German 101 DC (sem.)	..... ½		
GER 102 German 102 DC (sem.)	..... ½		
JPN 101 Japanese 101 DC (sem.)	.....½		
JPN 102 Japanese 102 DC (sem.)	.....½		
Latin I or II	..... 1		
LAT 101 Latin 101	.....½		
SED 101 Sign Language I DC (sem.)	.....1		
SED 102 Sign Language II DC (sem.)	.....1		
Spanish I CPI or CPII	..... 1		
Spanish II CPI or CPII	..... 1		
Spanish III H	.....1		
SPA 101 Elementary Spanish 101 DC (sem.)	.....1		
SPA 102 Elementary Spanish 102 DC (sem.)	..... 1		

**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.....	1	Algebra III 101/102.....	1
English IV 101/102 CPI.....	1	Pre-Calculus 101/102 CPII or I.....	1
English IV 101/102 DC.....	1	Calculus 110/111 AP.....	1
English IV 110/111 AP.....	1	Religion	
		Religion IV 101 (1 <sup>st</sup> sem.).....	½
		Religion IV 102 (2 <sup>nd</sup> sem.).....	½

**Electives**

<u>Course</u>	<u>Credits</u>	<u>Course</u>	<u>Credits</u>
Academic Success 12.....	½	General	
Business		JUS 231 Race, Gender, & Crime DC (sem.).....	½
Accounting I 101/102.....	1	KIN 125 Intro to PE, Fitness, and Sport DC (sem.).....	½
ACC 101 Principles of Financial Accounting DC (sem.).....	½	KIN 200 Concepts of Lifetime Fitness DC (sem.).....	½
BUA 105 Introduction to Business DC (sem.).....	½	Law and Justice.....	½
ECO 105 Principles of Economics DC (sem.).....	½	LAW 105 Introduction to the Law DC (sem.).....	½
ECO 200 Principles of Macroeconomics DC (sem.).....	½	LDR 101 Leadership in Action DC (sem.).....	½
ECO 201 Principles of Microeconomics DC (sem.).....	½	NAA 100 Nursing Assistant Skills I DC (sem.).....	½
Economics 101/102.....	1	PHI 110 Philosophy, Individ., & Society DC (sem.).....	½
English		POP 205 Intro to Pop Culture DC (sem.).....	½
CMST 101 Public Speaking DC (sem.).....	½	REL 200 World Religions and Cultures DC (sem.).....	½
COM 105 Fundamentals of Public Speaking DC (sem.).....	½	SWK 106 Intro to Social Justice DC (sem.).....	½
Creative Writing (sem.).....	½	THE 205 Theology 205 DC (sem.).....	½
EMB 100 Media Literacy DC (sem.).....	½	Mathematics	
Journalism I or II (sem.).....	½	MAT 229 Calculus II DC (sem.).....	½
Speech (sem.).....	½	Probability & Statistics (sem.).....	½
Fine Arts		Statistics 110/111 AP.....	1
Band/Advanced Band.....	½	Religion	
Advanced Guitar (sem.).....	½	Church History (sem.).....	½
Art I.....	1	Science	
Art II.....	1	Anatomy & Physiology 101/102.....	1
Art III 110/111 H.....	1	AST 115 Stars, Galaxies, and Cosmology DC (sem.).....	½
Art IV 110/111H.....	1	Biology 101 DC.....	½
ART 100 Art Appreciation DC (sem.).....	½	Biology 102 DC.....	½
ART 152 History of Photography DC (sem.).....	½	Biology 110/111 AP (ind. study).....	1
ARTH 100 Renaissance Modernism DC (sem.).....	½	BIO 126 Human Nutrition DC (sem.).....	½
ARTH 101 Prehistoric through Gothic DC (sem.).....	½	Chemistry II 110/111 AP.....	1
Art of the Film (sem.).....	½	Earth/Space Science 101/102.....	1
Chamber Choir 110/111.....	1	GLY 120 This Dangerous Earth DC (sem.).....	½
Drama I (sem.).....	½	Physics 110/111 H.....	1
Drama II (sem.).....	½	Physics 110/111 AP Electricity and Magnetism.....	1
Introduction to Guitar (sem.).....	½	Physics 110/111 AP Mechanics.....	1
Music Appreciation (sem.).....	½	STEM	
Music Theory AP 110/111.....	1	Aerospace Engineering.....	1
Specialized Art 101/102.....	1	Engineering Design & Development.....	1
General		Principles of Engineering.....	1
BLS 100 Intro to Black Studies DC (sem.).....	½	Social Studies	
CRJ 101 Criminal Justice 101 DC (sem.).....	½	American Government (sem.).....	½
GEO 100 Geography & Human Landscape DC (sem.).....	½	ANT 100 Intro to Cultural Anthropology DC (sem.).....	½
GEO 108 Physical Geography DC (sem.).....	½	ANT 201 World Cultures DC (sem.).....	½
JUS 101 Intro to Criminal Justice DC (sem.).....	½	Current Issues (sem.).....	½
JUS 200 Police in America DC (sem.).....	½	Economics 101/102.....	1
JUS 201 Corrections in America DC (sem.).....	½		
JUS 203 The Criminal Court Systems DC (sem.).....	½		

## Seniors (cont.)

<u>Course</u>	<u>Credits</u>	<u>Course</u>	<u>Credits</u>
<b>Social Studies</b>		<b>World Languages</b>	
ECO 105 Principles of Economics DC (sem.).....	½	GER 101 German 101 DC (sem.) .....	½
ECO 200 Principles of Macroeconomics DC (sem.) .....	½	GER 102 German 102 DC (sem.) .....	½
ECO 201 Principles of Microeconomics DC (sem.) .....	½	JPN 101 Japanese I DC.....	½
European History 110/111 AP.....	1	JPN 102 Japanese I DC.....	½
HIS 103 US History since 1877 DC (sem.) .....	½	Latin II .....	1
HIS 255 American Foreign Policy DC (sem.).....	½	LAT 101 Latin 101 .....	½
PSC 100 American Politics DC (sem.).....	½	SED 101 Sign Language I DC (sem.) .....	1
PSY 100 Introduction to Psychology DC (sem.) .....	½	SED 102 Sign Language II DC (sem.) .....	1
PSY 201 The Psychology of Money DC (sem.) .....	½	Spanish II CP II .....	1
Psychology (sem.).....	½	Spanish II CPI .....	1
Psychology 110/111 AP .....	1	Spanish III H.....	1
Sociology (sem.) .....	½	Spanish IV 110/111H.....	1
PSC 100 American Politics DC (sem.).....	½	SPA 101 Elementary Spanish 101 DC (sem.) .....	½
SPA 102 Elementary Spanish 101 DC (sem.) .....	½	<b>Other</b>	
<b>Technology (Non-STEM)</b>		Fire Department HS Internship Program.....	TBD
Animation I or II (sem.).....	½	St. Elizabeth HS Service Internship Program .....	TBD
Animation III or IV (ind. study) (sem.) .....	½	Vocational/Career Tech 101/102 DC.....	TBD
CIS 111 Intro to Computer Info Systems DC (sem.).....	½	Science Lab Assistant/Study Hall (semester).....	0
CIS 113 Computer Apps. & Hardware DC (sem.).....	½	Study Hall (semester)/(full year) .....	0
CIS 114 Intro to Programming DC (sem.) .....	½		
CIS 115 Intro to Programming II DC (sem.).....	½		
CIS 231 Foundations of Networking DC (sem.) .....	½		
CIS 267 Database I DC (sem.) .....	½		
CIT 130 Info Technology Fundamentals DC (sem.).....	½		
CIT 285 Cybersecurity Fundamentals DC (sem.) .....	½		
CSC 260 Object-Oriented Programming I DC (sem.) ...	½		
Computer Programming AP 110/111 .....	1		
Graphic Design I (sem.) .....	½		
Graphic Design II (sem.) .....	½		
Graphic Design III or IV (ind. study) (sem.).....	½		
INF 120 Elementary Programming DC (sem.).....	½		
INF 284 Intro to Networks & Data Comm. DC (sem.)..	½		
Introduction to Computer Science (sem.).....	½		
Introduction to Programming (sem.) .....	½		
Robotics I, II, III, or IV 101/102 .....	1		
<b>World Languages</b>			
French II (ind. study) .....	1		
FRE 101 French 101 DC (sem.) .....	½		
FRE 102 French 102 DC (sem.) .....	½		
German II.....	1		
German III or IV 110/111H.....	1		
GER 101 German 101 DC (sem.) .....	½		

## Curriculum Overview

### Academic Support Program

Academic Success 9  
Academic Success 10  
Academic Success 11  
Academic Success 12

### Business

Accounting I 101/102  
ACC 101 Principles of Financial Accounting DC (sem.)  
BUA 105 Intro to Business DC (sem.)  
Career Exploration (sem.)  
ECO 105 Principles of Economics DC (sem.)  
ECO 200 Principals of Macroeconomics DC (sem.)  
ECO 201 Principals of Microeconomics DC (sem.)  
Economics 101/102  
Personal Finance I (sem.)  
Personal Finance II (sem.)

### English

Creative Writing (sem.)  
CMST 101 Public Speaking DC (sem.)  
COM 105 Fundamentals of Public Speaking DC (sem.)  
EMB 100 Media Literacy DC (sem.)  
English I CPII  
English I CPI  
English I H  
English II CPII  
English II CPI  
English II H  
English III CPII  
English III CPI  
English III H  
English III AP  
English IV 101/102 CPII  
English IV 101/102 CPI  
English IV 101/102 DC  
English IV 110/111 AP  
Journalism I (sem.)  
Journalism II (sem.)  
Speech (sem.)  
Speech and Etiquette (sem.)

### Fine Arts

Advanced Band  
Advanced Guitar  
Art I  
Art II  
Art III 110/111 H  
Art IV 110/111 H  
ART 100 Art Appreciation DC (sem.)  
ART 152 History of Photography DC (sem.)  
ARTH 100 Renaissance Modernism DC (sem.)  
ARTH 101 Prehistoric through Gothic DC (sem.)  
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

BLS 100 Intro to Black Studies DC (sem.)  
GEO 100 Geography & Human Landscape DC (sem.)

### General (cont.)

GEO 108 Physical Geography DC (sem.)  
JUS 101 Intro to Criminal Justice DC (sem.)  
JUS 200 Police in America DC (sem.)  
JUS 201 Corrections in America DC (sem.)  
JUS 203 The Criminal Court Systems DC (sem.)  
JUS 231 Race, Gender, & Crime DC (sem.)  
CRJ 101 Criminal Justice 101 DC (sem.)  
KIN 125 Intro to PE, Fitness and Sport DC (sem.)  
KIN 200 Concepts of Lifetime Fitness DC (sem.)  
Law and Justice  
LAW 105 Introduction to Law DC (sem.)  
LDR 101 Leadership in Action  
NAA 100 Nursing Assistant Skills I  
PHI 110 Philosophy, Individuals, and Society DC (sem.)  
POP 205 Intro to Pop Culture DC (sem.)  
REL 200 World Religions and Cultures DC (sem.)  
SWK 106 Intro to Social Justice DC (sem.)  
THE 205 Theology 205 DC (sem.)  
Vocational/Career Tech 101/102 DC  
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 CPII  
Algebra I CPI  
Algebra I H  
Algebra I H (8<sup>th</sup> grade)  
Algebra II CPII  
Algebra II CPI  
Algebra II H  
Algebra III 101/102  
Calculus 110/111 AP  
Geometry CPII  
Geometry CPI  
Geometry H  
MAT 229 Calculus II DC (sem.)  
Pre-Calculus 101/102 CPII  
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  
AST 115 Stars, Galaxies, and Cosmology DC (sem.)  
Biology I CPII

**Science (cont.)**

Biology I CPI  
Biology H  
BIO 101 Biology 101 DC (sem.)  
BIO 102 Biology 102 DC (sem.)  
Biology 110/111 AP-Independent Study  
BIO 126 Human Nutrition DC (sem.)  
Chemistry CPI  
Chemistry CPI  
Chemistry H  
Chemistry II 110/111 AP  
Earth/Space Science 101/102  
GLY 120 This Dangerous Earth DC (sem.)  
Health (sem.)  
Physics 110/111 H  
Physics 110/111 AP Electricity and Magnetism  
Physics 110/111 AP Mechanics  
Physical Education (sem.)  
Science Lab Assistant

**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.)  
ANT 201 World Cultures DC (sem.)  
Current Issues (sem.)  
Economics 101/102  
ECO 105 Principles of Economics DC (sem.)  
ECO 200 Principals of Macroeconomics DC (sem.)  
ECO 201 Principals of Microeconomics DC (sem.)  
European History 110/111 AP  
HIS 103 US History since 1877  
HIS 255 American Foreign Policy DC (sem.)  
PSC 100 American Politics DC (sem.)  
PSY 100 Introduction to Psychology DC (sem.)  
PSY 201 The Psychology of Money DC (sem.)  
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.)  
Computer & Financial Literacy Applications (sem.)  
Computer Programming 110/111 AP  
CIS 111 Intro to Computer Info Systems DC (sem.)  
CIS 113 Computer Applications & Hardware DC (sem.)  
CIS 114 Introduction to Programming DC (sem.)  
CIS 115 Introduction to Programming II DC (sem.)  
CIS 231 Foundations of Networking DC (sem.)  
CIS 267 Database I DC (sem.)  
CIT 130 Information Technology Fundamentals DC (sem.)  
CIT 285 Cybersecurity Fundamentals DC (sem.)  
CSC 260 Object-Oriented Programming I DC (sem.)  
Graphic Design I (sem.)  
Graphic Design II (sem.)  
Graphic Design III (sem.)  
Graphic Design IV (sem.)  
INF 120 Elementary Programming DC (sem.)  
INF 284 Intro to Networks Y Data Comm. (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 and Communications (sem.)

**World Languages**

French I-Independent Study  
French II-Independent Study  
FRE 101 French 101 DC (sem.)  
FRE 102 French 102 DC (sem.)  
German I  
German II  
German III 110/111 H  
German IV 110/111 H  
GER 101 German 101 DC (sem.)  
GER 102 German 102 DC (sem.)  
JPN 101 Japanese I DC (sem.)  
JPN 102 Japanese II DC (sem.)  
Latin I  
Latin II  
Latin III H  
Latin III H-Independent Study  
LAT 101 Latin 101  
SED 101 Sign Language I DC (sem.)  
SED 102 Sign Language II DC (sem.)

**World Languages (cont.)**

Spanish I CPII

Spanish I CPI

Spanish II CPII

Spanish II CPI

Spanish III H

Spanish IV 101/111 H

SPA 101 Elementary Spanish 101 DC (sem.)

SPA 102 Elementary Spanish 102 DC (sem.)

**Other**

Fire Department HS Internship Program

St. Elizabeth HS Service Internship Program

\*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 Success Program

ACADEMIC SUCCESS 9 (9)  
ACADEMIC SUCCESS 10 (10)  
ACADEMIC SUCCESS 11 (11)  
ACADEMIC SUCCESS 12 (12)

Course # 90009  
Course # 90010  
Course # 90011  
Course # 90012

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

## ADMISSION REQUIREMENTS

### Academic Success Course

Students will be recommended for the academic success course 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 SUCCESS 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 Success Course Structure

The Academic Success Program's course 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 which class period he will be assigned to the course. Each student will meet at that time each day for the entire academic year.

### Academic Success Course Grade

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

### Academic Success Course Goals

The academic success course 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**

## **Pre-Business-DUAL CREDIT PATHWAY -TMU (11, 12)\***

### **\*ACC 101 PRINCIPLES OF FINANCIAL ACCOUNTING (11, 12) DUAL CREDIT**

**Course # 150167**

#### **semester course**

An introduction to generally accepted accounting principles and financial statements. Topics examined include basic concepts of business transaction analysis; the accounting cycle; measurement of assets, liabilities, revenues, and expenses; and financial statement presentation and interpretation.

(3 TMU credits)

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

### **\*BUA 105 INTRO TO BUSINESS (11, 12) DUAL CREDIT**

**Course # 150157**

#### **semester course**

An introduction to the structure, functioning and role of the business and economic systems.

(3 TMU credits)

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

### **\*CIS 111 INTRODUCTION TO COMPUTER INFO SYSTEMS (11, 12) DUAL CREDIT**

**Course # 100217**

#### **semester course**

Key productivity tools, including word processing, database management systems, spreadsheets, and PowerPoint will be examined in some depth. Collaboration and personal information management applications such as Outlook will also be explored in this course. Hands-on projects of each application will be required. This course may not be taken if credit has been received for CIS 113.

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

### **\*ECO 105 PRINCIPLES OF ECONOMICS (11, 12) DUAL CREDIT**

**Course # 150177**

#### **semester course**

Students will understand how economics can provide a framework for solving social problems through market forces and a role for government. The microeconomics portion of this course deals with consumers and businesses as they interact with markets and the interrelationships between various markets. The macroeconomics portion of this course focuses on factors that influence the fluctuations in economic activity and what can be done about them, given our responsibility to others. This course fulfills a core requirement in social science for all majors except Business Administration and Sports and Entertainment Marketing.

Core Area: Social Science

(3 TMU credits)

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

## **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**

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

**Course # 150147**

This dual credit course offered online 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 university credit hours and an elective half credit at Covington Catholic High School in Business and Social Studies.

**Prerequisite:**

**NKU: AP Statistics score of 3 or higher as well as required GPA and ACT scores and approval by the Junior/Senior Counselor or Dean of Academics**

**Gateway CTC: 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  
semester course**

**Course # 150137**

This dual credit course offered 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 university credit hours and an elective half credit at Covington Catholic High School in Business and Social Studies.

**Prerequisite:**

**NKU: AP Statistics score of 3 or higher as well as required GPA and ACT scores and approval by the Junior/Senior Counselor or Dean of Academics**

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

**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**

### **semester course**

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**

## **COM 105 FUNDAMENTALS OF PUBLIC SPEAKING (11, 12) DUAL CREDIT**

**Course # 200157**

### **semester course**

An introductory course in the fundamentals of public speaking. Study includes a theoretical approach to the analysis, organization, and delivery of various speeches. Other topics will include effective presentation and public and mass media levels. This course fulfills the core requirement in Communication.

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

## **CREATIVE WRITING (11, 12)**

**Course # 25117**

### **semester course**

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**

## **EMB 100 MEDIA LITERACY (11, 12) DUAL CREDIT**

**Course # 200147**

### **semester course**

Fundamental concepts of mediated communication; analysis of roles, functions, and influence of media on individuals and society. This course will cast a critical eye on the media that we interact with each day: radio, television, newspapers, magazines, books, films, and the Internet. We will dissect media's history and its vast reach into our daily lives and culture. The goal of this course is to stimulate your critical thinking concerning media and its effects, both historically and currently, and to make you as a student and consumer more aware of the power that media and media companies hold. After taking this course you should be able to recognize, interpret, encode and articulate your opinions on media messages.

(3 NKU credits)

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

## **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 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)**

**Course # 23427**

**semester course**

Students in this course will explore both print and digital media concepts. Students are responsible for producing the school newspaper, yearbook, literary magazine publications, and digital news program. 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. Students will also produce, edit, film, and participate in the creation of a digital school news program. 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)**

**Course # 24427**

**semester course**

Students will continue to refine print and digital journalism skills through the school newspaper, the yearbook, the literary magazine, and school news program. A student in this course will be required to take on multiple roles in each of these areas, including as an editor. 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: Completion of Journalism I with a B average or higher and the recommendation of Journalism I instructor/Review of English grades and discipline record**

**SPEECH (11, 12)**

**Course # 25227**

**semester course**

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**

**SPEECH AND ETIQUETTE (9, 10)**

**Course # 26227**

**semester course**

This elective class will entail two necessary components in everyday life-speaking and proper etiquette. The speech component will cover basic speaking elements in communication as well as types of presentations, including informative, persuasive, demonstration, etc. The etiquette component will present the norms of personal behavior in society including table etiquette, socializing skills, conversational skills, etc.

**Prerequisite: None**

# FINE ARTS

## **ADVANCED BAND (10, 11, 12)**

**Course # 88897**

### **semester course**

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**

## **ADVANCED GUITAR (10, 11, 12)**

**Course # 36127**

### **semester course**

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**

## **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 <sup>st</sup> Quarter:	Exploration of composition and design with emphasis on craftsmanship.
2 <sup>nd</sup> Quarter:	Introduction to drawing, contour line, and the illusion of form.
3 <sup>rd</sup> Quarter:	Introduction to color, monochromatic.
4 <sup>th</sup> 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 <sup>st</sup> Quarter –	Advanced composition and design, understanding of shape and line.
2 <sup>nd</sup> Quarter –	Advanced drawing, charcoal, cross shading, pointillism.
3 <sup>rd</sup> Quarter –	Advanced color theory, primary, secondary, tertiary colors.
4 <sup>th</sup> 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 - 1<sup>st</sup> Quarter – Black and white with emphasis on individuality

2<sup>nd</sup> & 3<sup>rd</sup> Quarter – Color with emphasis on individuality

4<sup>th</sup> Quarter – Individual requirements based upon student and portfolio needs

Art IV – 1<sup>st</sup> Quarter – Conceptual art

2<sup>nd</sup> & 3<sup>rd</sup> Quarter – Acrylic painting

4<sup>th</sup> 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 100 ART APPRECIATION (11, 12) DUAL CREDIT****Course # 300117****semester course**

Examination of the fundamental elements of fine art to increase one's artistic awareness: emphasis placed on developing skills in viewing, interpreting and understanding the use of art in cultural, historical and contemporary contexts. Includes hands-on studio component. For students not majoring in visual arts.

(3 NKU credits)

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

**ART 152 HISTORY OF PHOTOGRAPHY (11, 12) DUAL CREDIT****Course # 300137****semester course**

This survey class about the history of photography explores the development of various photo processes, ideas about the way we view the world through constructed images, and about photography as a fine art. This course may be used for the core curriculum and as an art history elective for art and history students.

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

**ARTH 100 RENAISSANCE MODERNISM (11, 12) DUAL CREDIT****Course # 300147****semester course**

This course includes the examination of major artists and styles of Western Europe from the 15<sup>th</sup> through the mid-20<sup>th</sup> century within a historical and cultural context.

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

**ARTH 101 PREHISTORIC THROUGH GOTHIC (11, 12) DUAL CREDIT****Course # 300157****semester course**

This course includes the examination of significant art and architecture from prehistory through the Medieval Period.

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

**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****CIN 200 INTRODUCTION TO CINEMA STUDIES (11, 12) DUAL CREDIT****Course # 300127****semester course-on TMU campus**

Basic elements of movie form, narrative structure and style; concepts of genre; strategies of analyzing and writing about cinema.

(3 NKU credits)

**Prerequisite: Required GPA and approval by the Senior Counselor or Dean of Academics****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 CII (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 CII 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 CII (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 CII 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:** 9<sup>th</sup> Grade - Placement based on the results of the Algebra II Honors Placement Test or successful completion of 8<sup>th</sup> Grade Algebra I Honors course and Algebra I Honors teacher recommendation  
10<sup>th</sup> 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

**MAT 229 CALCULUS II (11, 12) DUAL CREDIT  
semester course**

**Course # 54447**

Calculus of exponential, logarithmic, and inverse functions; techniques of integration; arc length; calculus of parametric equations and polar curves; infinite sequences and series; introduction of vectors and Geometry of space; dot product and cross product. Credit is not given for both MAT 228 and MAT 229.

**Prerequisite: Success completion of AP Calculus (on campus) and the required GPA and ACT scores and approval by the Senior Counselor or Dean of Academics**

**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

## 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)  
semester course****Course # 600117**

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**

## **AST 115 STARS, GALAXIES, AND COSMOLOGY WITH LABORATORY (11, 12) DUAL CREDIT** **Course # 700127** **semester course**

Integrated lecture and laboratory; structure, dynamics, origin, and evolution of stars, galaxies, and the universe within a framework of scientific methodology; laboratory activities on observational techniques and astrophysical processes. Knowledge of elementary algebra is helpful.

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

## **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**

## **BIO 101 BIOLOGY 101 (11, 12) DUAL CREDIT** **semester course-at CCH**

**Course # 700137**

General Biology I is the study of living organisms, primarily at the molecular and cellular level. The nature of molecules and macromolecules, cellular structure, metabolic processes of the cell, reproduction, and various aspects of molecular genetics will be discussed. Three hours of lecture and three hours of lab meet each week.

(4 TMU credits)

**Prerequisite: Required GPA and ACT scores (22 composite) and approval by Counselor or Dean of Academics**

## **BIO 102 BIOLOGY 102 (11, 12) DUAL CREDIT** **semester course-at CCH**

**Course # 700147**

General Biology II is a course that complements the General Biology I course and continues the progress through various levels of biological organization, beginning at the cellular/molecular level in the Gen Bio I up to the biosphere level in Gen Bio II. This course will emphasize 1) **the organismic level**: the biodiversity of life; 2) **the systems level**: the anatomy and physiology of animals and 3) **the ecological level**: the relationship of living organisms to one another and to the environment. Three hours of lecture and potentially three hours of lab meet each week.

(3 or 4 TMU credits dependent on lab availability)

**Prerequisite: Required GPA and ACT scores (22 composite) and approval by Counselor or Dean of Academics**

**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****semester course**

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 H<sub>2</sub>O 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**

**GLY 120 THIS DANGEROUS EARTH (11, 12) DUAL CREDIT****Course # 70117****semester course**

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**

**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 (Physics C: Mechanics) (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: 11<sup>th</sup> Grade - Algebra II CPI/Honors, Chemistry CPI/ Honors and recommendation of chemistry instructor**

**12<sup>th</sup> 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)**

**PHYSICS 110/111 ADVANCED PLACEMENT (Physics C: Electricity and Magnetism) (11, 12)****Course # 74127/74137**

This course is a calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in one of the physical sciences or engineering. Students cultivate their understanding of physics through classroom study, in-class activities, inquiry-based laboratory work as they explore concepts like change, force interactions, fields, and conservation. designed for those students who intend to pursue a career in science or a science-related field.

**Prerequisites: AP Calculus C: Mechanics and the recommendation of AP Physics instructor or Dean of Academics**

**SCIENCE LAB ASSISTANT (11, 12)****Course # 99007**

This opportunity is for juniors or seniors who want to work under the direction of a science teacher to assist with labs. Duties include preparing solutions, cleaning dishware, organizing and distributing materials, maintaining the stockroom inventory, and unpacking and shelving supplies. Students will also use this time to complete work or study for other classes. Students must have acceptable disciplinary and attendance records to be eligible for this position.

**Prerequisites: Recommendation of a science teacher and the Dean of Academics**

# SOCIAL STUDIES

## **AMERICAN GOVERNMENT (11, 12)**

**Course # 84127**

### **semester course**

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**

### **semester course**

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**

## **ANT 201 WORLD CULTURES (11, 12) DUAL CREDIT**

**Course # 800127**

### **semester course**

Survey of world cultures, primarily non-literate, using various anthropological approaches; development from simple to more complex cultural systems.

*Repeatable: No*

*General Education Credit: Cultural Pluralism*

(3 NKU credits)

**Prerequisite: Required GPA and ACT scores and approval by the 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**

## **ECO 105 PRINCIPLES OF ECONOMICS (11, 12) DUAL CREDIT**

**Course # 150177**

### **semester course**

Students will understand how economics can provide a framework for solving social problems through market forces and a role for government. The microeconomics portion of this course deals with consumers and businesses as they interact with markets and the interrelationships between various markets. The macroeconomics portion of this course focuses on factors that influence the fluctuations in economic activity and what can be done about them, given our responsibility to others. This course fulfills a core requirement in social science for all majors except Business Administration and Sports and Entertainment Marketing.

Core Area: Social Science

(3 TMU credits)

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

**ECO 200 PRINCIPLES OF MACROECONOMICS (11, 12) DUAL CREDIT****Course # 150147****semester course**

This dual credit course offered online 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 university credit hours and an elective half credit at Covington Catholic High School in Business and Social Studies.

**Prerequisite:**

**NKU: AP Statistics score of 3 or higher as well as required GPA and ACT scores and approval by the Junior/Senior Counselor or Dean of Academics**

**Gateway CTC: 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****semester course**

This dual credit course offered 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 university credit hours and an elective half credit at Covington Catholic High School in Business and Social Studies.

**Prerequisite:**

**NKU: AP Statistics score of 3 or higher as well as required GPA and ACT scores and approval by the Junior/Senior Counselor or Dean of Academics**

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

**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****HIS 103 US HISTORY SINCE 1877 (11, 12) DUAL CREDIT****Course # 800177****semester course**

Exploration of the nation's development since 1877. Designed to meet demands for a general understanding of U.S. history. General education credit: Culture and Creativity

**Prerequisite: Successful completion of US History (on campus) and the required GPA and ACT scores and approval by the Senior Counselor or Dean of Academics**

**HIS 255 HISTORICAL STUDIES-AMERICAN FOREIGN POLICY (11, 12) DUAL CREDIT****Course # 800147****semester course**

Special topics seminar course which focuses on the historical perspectives and impact of American foreign policy both internationally and within the United States from 1877 to the present. Additionally, students will learn how American foreign policy is formed and how it is executed by the government.

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

**PSC 100 AMERICAN POLITICS (11, 12) DUAL CREDIT**

**Course # 800137**

**semester course**

National government in the U.S.; decision making process, government structure, politics.  
(3 NKU credits)

**Prerequisite: CCH American Government and required GPA and ACT scores and approval by the Senior Counselor or Dean of Academics**

**PSY 100 INTRODUCTION TO PSYCHOLOGY (11, 12) DUAL CREDIT**

**Course # 800157**

**semester course**

Systematic and scientific study of behavior from biological, behavioral, and cognitive perspectives; methods, history, biopsychology, perception, learning, development, cognition, personality, mental disorders, therapy, and social psychology. General education credit: Individual and Society

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

**PSY 201 THE PSYCHOLOGY OF MONEY (11, 12) DUAL CREDIT**

**Course # 800167**

**semester course**

Psychology of personal finance; how emotions and psychological biases influence financial decision-making; how money concerns contribute to stress and interpersonal conflict; personal and career financial choices; impact of wealth inequality on society.

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

**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. In addition, students cover content and acquire skills aligned with Engineering 101 and 102 at the University of Kentucky. This includes learning the principles of computer programming and computational problem solving in conjunction with the "MATLAB" program. Furthermore, students review skills learned in previous PLTW courses such as: 3-D modeling, product development, and electrical circuitry. Students utilize these developed skills to document a design process to standards, completing Engineering Design and Development ready to take on any post-secondary program or career.

College credit for Engineering 101 and 102 at the University of Kentucky may be earned by satisfying the following criteria:

- Qualifying score of 80% on the Final Exam (all students take this test regardless of UK enrollment)
- Course project completion
- Calculus ready

**Prerequisite: Recommendation of Course Instructor along with: Introduction to Engineering Design, Principles of Engineering, and completion or concurrent enrollment in CPI or higher pre-calculus. It is strongly recommended to have completed Aerospace Engineering and completed or be concurrently enrolled in Honors Physics or AP Physics.**

## **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) semester course**

**Course # 101197**

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) semester course**

**Course # 101297**

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) ANIMATION IV (10, 11, 12) semester courses**

**Course # 101397**

**Course # 101497**

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**

## **CIS 111 INTRODUCTION TO COMPUTER INFO SYSTEMS (11, 12) DUAL CREDIT semester course**

**Course # 100217**

Key productivity tools, including word processing, database management systems, spreadsheets, and PowerPoint will be examined in some depth. Collaboration and personal information management applications such as Outlook will also be explored in this course. Hands-on projects of each application will be required. This course may not be taken if credit has been received for CIS 113.

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

## **COMPUTER INFORMATION SYSTEMS-DUAL CREDIT PATHWAY -TMU (11, 12)\***

### **\*CIS 113 COMPUTER APPLICATIONS AND HARDWARE (11, 12) DUAL CREDIT Course # 100157**

#### **semester course-on TMU campus**

A review of the history and need for information processing, the basic information processing cycle and functions, the processing capabilities of computers, system development, and program development. Key application areas in business, including word processing, data base management systems, spreadsheets, and web page design will be examined in some depth. The hardware associated with a computer will be discussed and examined. Hands-on use of a microcomputer for at least an introductory acquaintance with each application will be required. Installation of hardware and software will also be covered.

(3 TMU credits)

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

### **\*CIS 114 INTRODUCTION TO PROGRAMMING (11, 12) DUAL CREDIT Course # 100167**

#### **semester course-on TMU campus**

Introduction to basic programming techniques and fundamental structures and methodologies of modern programming languages. Topics include basic program structure, variables, scope, decision structures, and loops. The course involves multiple programming projects.

Students who earn a 3+ on AP Computer Science earn credit for CIS 114 at TMU.

(3 TMU credits)

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

### **\*CIS 115 INTRODUCTION TO PROGRAMMING II (11, 12) DUAL CREDIT Course # 100177**

#### **semester course-on TMU campus**

Expand the basic programming concepts introduced in CIS114 Introduction to Programming. Introduce advanced concepts - inheritance, polymorphism, abstract classes, exception handling, and the use of graphical user interfaces. Gain more practical experience by designing and writing applications.

(3 TMU credits)

**Prerequisite: CIS 114, Required GPA, and approval by the Senior Counselor or Dean of Academics**

### **\*CIS 231 FOUNDATIONS OF NETWORKING (11, 12) DUAL CREDIT Course # 100187**

#### **semester course-on TMU campus**

An introduction to digital communications, local area networks, wide area networks, inter networks, error handling, and network security. This course will have a strong "hands-on" component.

(3 TMU credits)

**Prerequisite: CIS 113, Required GPA, and approval by the Senior Counselor or Dean of Academics**

### **\*CIS 267 DATABASE I (11, 12) DUAL CREDIT Course # 100197**

#### **semester course-on TMU campus**

Introduction to database concepts for modern database design. Topics include entity relationship modeling, relational data model, SQL, relational database design, and normalization. Non-relational databases will be highlighted.

(3 TMU credits)

**Prerequisite: CIS 113, Required GPA, and approval by the Senior Counselor or Dean of Academics**

### **COMPUTER AND FINANCIAL LITERACY APPLICATIONS (9) Course # 101187**

#### **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, and PowerPoint. Other computer skills will be addressed including typing skills, understanding the local computer network, file maintenance and organization and other necessary applications. After gaining a basic understanding of the Microsoft applications, computer skills will be applied when addressing financial literacy topics. The students will also gain confidence in preparing and delivering speeches as part of the course.

**Prerequisite: None**

**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**

**CSC 260 OBJECT-ORIENTED PROGRAMMING I (11, 12) DUAL CREDIT****Course # 100217****semester course**

Elementary object-oriented programming concepts and practice: types, decisions, loops, methods, arrays, classes; design and problem-solving. An intensive introduction intended for students with programming experience. Hours: 3 classroom + 0 lab/studio

**Prerequisite(s): C- or better in MAT 103 (or higher) and one of INF 110, INF 120, CSC 270, and required GPA and approval by the Senior Counselor or Dean of Academics.**

**CYBERSECURITY CAREER EXPLORATION TRACK-NKU (11, 12)\*****\* INF 120 Elementary Programming (11, 12) DUAL CREDIT****Course # 100117****SEMESTER ONE**

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****Course # 100127****SEMESTER TWO**

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****Course # 100137****SEMESTER THREE**

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****Course # 100147****SEMESTER FOUR**

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**

**GRAPHIC DESIGN I (9, 10, 11, 12)****Course # 101137****semester course**

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)**  
**semester course**

**Course # 101437**

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)**  
**semester course**

**Course # 101157**

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)**  
**semester course**

**Course # 101167**

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**

# WORLD LANGUAGES

## **FRE 101 FRENCH 101 (11, 12) DUAL CREDIT**

**Course # 400157**

Fundamentals; introduction to French and Francophone cultures; development of skills in conversation, pronunciation, grammar, reading, and writing.  
(3 NKU credits)

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

## **FRE 102 FRENCH 102 (11, 12) DUAL CREDIT**

**Course # 400167**

A continuation of the concepts and skills introduced in French 101.  
(3 NKU credits)

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

## **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: 9<sup>th</sup> 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**  
**10<sup>th</sup> -12<sup>th</sup> 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**

## **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: 9<sup>th</sup> Grade - Placement is determined from the freshman placement test, grade school recommendations and other standardized testing in grade school**  
**10<sup>th</sup> -12<sup>th</sup> 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)****Course # 43127/43137****GERMAN IV 110/111 HONORS (11, 12)****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**

**GER 101 GERMAN 101 (11, 12) DUAL CREDIT****Course # 400177****semester course-on TMU campus**

Introductory course to provide students with the fundamentals of grammar, pronunciation, reading, and conversation. The course is based on an individualized approach GER 101 is intended for students who have never studied German before. (3 TMU credits)

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

**GER 201 GERMAN 102 (11, 12) DUAL CREDIT****Course # 400187****semester course-on TMU campus**

Students will continue to develop German language skills and vocabulary in this course. The course includes reading and focuses on self-expression. The German Level II sequence is normally for students who have had two to three years of high school instruction in German.

(3 TMU credits)

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

**JPN 101 JAPANESE I (11, 12) DUAL CREDIT****Course # 400117****semester course**

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****semester course-on campus**

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: 9<sup>th</sup> Grade - Placement is determined from the freshman placement test, grade school recommendations and other standardized testing in grade school**

**10<sup>th</sup> and 11<sup>th</sup> 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 (11, 12)****Course # 43337**

In Latin III, students will increase their Latin knowledge and experience by learning about great Latin Saints (especially our Column Saints) and other historical figures and by translating some of their most influential works from the original Latin. For example, students will learn about St. Ambrose of Milan (339-397A.D.), Father & Doctor of the Church, and teacher of St. Augustine, and will translate and learn to sing his great Advent chant hymn, *Veni Redemptor Gentium*. For a final project, students will choose one historical person to research more deeply on their own and [a part of] one of their works to translate and present to the class.

**Prerequisite: Recommendation of Latin II instructor**

**LAT 101 LATIN 101 (11, 12) DUAL CREDIT****Course # 400197****semester course-on TMU campus**

Introductory course concentrating on the acquisition of a basic vocabulary as well as an awareness of the elementary grammar and syntax needed for use of the language in basic research contexts.

(3 TMU credits)

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

**SED 101 SIGN LANGUAGE I (11, 12) DUAL CREDIT****Course # 400137****semester course-on campus**

Includes a functional-notational approach to a beginning competency in Sign Language. Incorporates syntax, grammar, non-manual markers (behaviors) of sign language, and cultural information. (After an initial orientation period, no verbal communication will be used in the classroom.). Lecture: 3 credits (45 contact hours).

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

**SED 102 SIGN LANGUAGE II (11, 12) DUAL CREDIT****Course # 400147****semester course-on campus**

Includes a functional-notational approach designed to follow SED 101 that will enhance student's knowledge of Sign Language and expand their understanding and appreciation of the people who use it. Lecture: 3 credits (45 contact hours).

**Prerequisite: SED 101 Required GPA and approval by the Senior Counselor or Dean of Academics**

**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 9<sup>th</sup> 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: 9<sup>th</sup> Grade - Placement is determined from the freshman placement test, grade school recommendations and other standardized testing in grade school**  
**10<sup>th</sup> and 11<sup>th</sup> 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**

**SPA 101 ELEMENTARY SPANISH 101 (11, 12) DUAL CREDIT  
semester course****Course # 400217**

Designed to develop basic skills in speaking, writing, listening and reading with particular emphasis on conversation. Introduces the rich and diverse culture of the Spanish-speaking world with the goal of developing students' intercultural knowledge and understanding. Represents the first course in a two-semester sequence.

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

**SPA 102 ELEMENTARY SPANISH 102 (11, 12) DUAL CREDIT**

**Course # 400227**

**semester course**

Designed to further develop skills in speaking, writing, listening and reading with particular emphasis on conversation. Emphasizes improved comprehension and fluency and the ability to narrate past events with an expanded Spanish vocabulary and use of more complex grammatical structures. Continues to introduce the rich and diverse culture of the Spanish-speaking world with the goal of further developing students' intercultural knowledge and understanding. Represents the second course in a two-semester sequence. **Prerequisite: Successful completion of SPA 101 and the required GPA and approval by the Senior Counselor or Dean of Academics**

## GENERAL ELECTIVES

### **BLS 100 INTRODUCTION TO BLACK STUDIES (11, 12) DUAL CREDIT** **Course # 131917**

#### **semester course**

This course is designed to engage students in the study of the seven core areas of Black studies: Black History, Black Sociology, Black Religion, Black Economics, Black Politics, Black Psychology, and the humanities (Black Literature, Art, and Music).

(3 NKU credits)

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

### **CRJ 101 CRIMINAL JUSTICE 101 (11, 12) DUAL CREDIT** **Course # 131717**

#### **semester course-on TMU campus**

An introduction to the philosophical and historical background and development of the criminal justice system. Review of criminal justice functions, processes and procedures, and an examination of current trends and concepts are also explored. A grade of C or higher in this course is required for all higher level Criminal Justice courses.

(3 TMU credits)

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

### **GEO 100 GEOGRAPHY AND THE HUMAN LANDSCAPE (11, 12) DUAL CREDIT** **Course # 132017**

#### **semester course**

Acquaints students with the key tools, themes, and perspectives by which geographers describe and analyze the global landscape, in its present condition as well as its transformation from past circumstances and its continuing transformation into the future.

(3 NKU credits)

### **GEO 108 PHYSICAL GEOGRAPHY (11, 12) DUAL CREDIT** **Course # 132117**

#### **semester course**

Acquaints students with the integration of key physical, chemical, and biological processes that produce the climate, soil, vegetation, and landform patterns on the Earth's surface.

(3 NKU credits)

### **JUS 101 INTRODUCTION TO CRIMINAL JUSTICE (11, 12) DUAL CREDIT** **Course # 133017**

#### **semester one**

This course provides an overview of the criminal justice system; organization and operation of police, courts, and corrections; race, ethnicity, gender, and criminal justice decision-making, current trends and future prospects.

(3 NKU credits)

### **JUS 200 POLICE IN AMERICA (11, 12) DUAL CREDIT** **Course # 133217**

#### **semester three/four**

Philosophy and history of law enforcement; crime and police problems; organization and jurisdiction of local, state, and federal law enforcement agencies; professional career opportunities and qualifications.

(3 NKU credits)

### **JUS 201 CORRECTIONS IN AMERICA (11, 12) DUAL CREDIT** **Course # 133317**

#### **semester three/four**

An interdisciplinary examination of all areas of corrections in the United States informed by law, psychology, sociology, and public policy. Topics explored include history and philosophy of punishment, prisons and jails, institution programming, management of various offender populations, incarceration trends, intermediate sanctions, and parole.

(3 NKU credits)

- JUS 203 THE CRIMINAL COURT SYSTEMS (11, 12) DUAL CREDIT** **Course # 133417**  
**semester three/four**  
 Analysis of the American courts; structure, functions, and roles of incumbents in the courts; emphasis on political and economic contexts within which the court works. Includes survey of research on American legal system.  
 (3 NKU credits)
- JUS 231 RACE, GENDER, AND CRIME (11, 12) DUAL CREDIT** **Course # 133117**  
**semester two**  
 Political formulation of race and gender; race and gender issues related to criminality, victimization, prosecution; adjudication, sanctions, and employment within the legal system; antecedents of contemporary practice; prospects for change.  
 (3 NKU credits)
- KIN 125 INTRO TO PHYSICAL EDUCATION, FITNESS, AND SPORT (11, 12) DUAL CREDIT** **Course # 131217**  
**semester course**  
 Overview of the profession; historical, philosophical, sociological, and scientific perspectives; examination of career opportunities.  
 (3 NKU credits)  
**Prerequisite: Required GPA and ACT scores and approval by the Senior Counselor or Dean of Academics**
- KIN 200 CONCEPTS OF LIFETIME FITNESS (11, 12) DUAL CREDIT** **Course # 132317**  
**semester course**  
 Health related problems associated with a modern sedentary society; benefits of regular exercise; individual psychomotor and physiological developmental patterns.  
**Prerequisite: Required GPA and ACT scores and approval by the Senior Counselor or Dean of Academics**
- LAW 105 INTRODUCTION TO LAW (11, 12) DUAL CREDIT** **Course # 132217**  
**semester course**  
 An introduction to various aspects of the legal profession, such as exploring a legal career, applying to law school, career options, basic legal terminology, and the court system.  
**Prerequisite: Required GPA and approval by the Senior Counselor or Dean of Academics**
- 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**
- LDR 101 LEADERSHIP IN ACTION (11, 12) DUAL CREDIT** **Course # 132417**  
**semester course**  
 Introductory course that focuses on practical leadership applications to ever-changing, real-world situations.  
**Prerequisite: Required GPA and ACT scores and approval by the Senior Counselor or Dean of Academics**

**NAA 100 NURSING ASSISTANT SKILLS I (11, 12) DUAL CREDIT****Course # 132517****semester course**

Provides knowledge and skills for nurse aides to assume the role and responsibility required in a long-term care setting. The focus is communication, infection control, safety, resident/patient rights, and basic nursing skills. Note: Faculty and clinical sites must comply with applicable Federal and Kentucky laws and regulations including but not limited to 42 USC 1396r and 907 KAR 1:450. Lecture: 3 credits (75 contact hours).

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

**PHI 110 PHILOSOPHY, INDIVIDUALS AND SOCIETY (11, 12) DUAL CREDIT****Course # 131317****semester course**

In Philosophy, Individuals and Society students explore a variety of philosophical views about the nature of individuals, social structures and the relationships between them. Students will critically examine different philosophical perspectives and theories that arise from questions about human nature, personal identity, free will and moral responsibility, the nature of mind, and the ethical, social and political dimensions of human existence.

(3 NKU credits)

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

**POP 205 INTRODUCTION TO POPULAR CULTURE (11, 12) DUAL CREDIT****Course # 131417****semester course**

Major areas of popular culture studies; values and attitude expressed in and passed on by activities, objects and entertainment forms of popular culture.

(3 NKU credits)

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

**REL 200 WORLD RELIGIONS AND CULTURES (11, 12) DUAL CREDIT****Course # 131517****semester course**

This course is to introduce students to one or more of the following religions: Indigenous Sacred Ways, Hinduism, Jainism, Sikhism, Buddhism, Confucianism, Taoism, Shintoism, Judaism, Christianity, Islam. The historical development of the religions studies, the major beliefs and the interactions within and between cultures will be considered.

(3 NKU credits)

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

**SWK 106 INTRODUCTION TO SOCIAL JUSTICE (11, 12) DUAL CREDIT****Course # 131617****semester course**

This class is an introduction to foundational concepts and ethical concerns in social justice studies. Course that promotes critical thinking, multiple perspectives, and a sense of personal responsibility in the local and global community. This course is the first in the sequence for the social justice minor.

(3 NKU credits)

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

**THE 205 THEOLOGY 205 (11, 12) DUAL CREDIT****Course # 131817****semester course-on TMU campus**

Students will study the historical and theological form and content of the Old Testament based on a reading of selected books of the Old Testament.

(3 TMU credits)

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

**VOCATIONAL CAREER/TECHNICAL SCHOOL, 11<sup>TH</sup> GRADE 101/102****Course # 03327/03337****VOCATIONAL CAREER/TECHNICAL SCHOOL, 12<sup>TH</sup> GRADE 101/102****Course # 04427/04437**

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****ENZWEILER BUILDING INSTITUTE (EBI) APPRENTICESHIP PROGRAM (11, 12)**

The Enzweiler Building Institute is a registered apprenticeship program in Kentucky, recognized by the US Department of Labor Employment and Training Administration and licensed by the Kentucky Commission for Proprietary Education. The Enzweiler Building Institute offers a unique opportunity for high school students through the **Introduction to Skilled Trades Program**.

Students gain hands-on experience and build skills to prepare them for a bright future in construction. Many students go on to jobs immediately upon graduation while others continue to pursue licensure through continued education at Enzweiler and other institutions. Plus, students in the Introduction to Skilled Trades Program can earn dual credit at their high school. Programs are aligned with career pathways defined by the Kentucky Department of Education under the Career and Technical Education Division. Students will be introduced to the following trade industries throughout the program:

- Carpentry
- Welding
- Electric
- Masonry
- Plumbing
- HVAC
- Diesel for Construction

**FORT MITCHELL FIRE DEPARTMENT HIGH SCHOOL INTERNSHIP PROGRAM (11, 12)**

This junior firefighter program internship is in partnership with the Fort Mitchell Fire Department and follows guidelines set forth by the Kentucky Fire Commission. The program allows interns an opportunity to learn about fire and emergency services organizations in a safe, supervised, controlled, educational, and fun manner. Students in the program earn high school elective credit(s), learn about all aspects of fire and emergency services and are provided with potential future career opportunities in these fields.

**ST. ELIZABETH HEALTHCARE HIGH SCHOOL INTERNSHIP PROGRAM (11, 12)**

The St. Elizabeth High School Service Internship provides students with an opportunity to explore a healthcare organization and the many departments that come together to impact the patient experience, both clinical and non-clinical. The internship experience uniquely prepares students by exposing them to working professionals and to the work environment in a way that cannot be duplicated in the classroom. Through a combination of observation and service tasks, students gain a better appreciation for the pressures that affect decision-making in today's professional organizations and can identify additional skills they will need to better prepare for a rewarding career. Available internship tracks include: patient care, engineering/facilities, information technology, business/marketing, and culinary. Students in the program earn high school elective credit(s) and are provided with potential future career opportunities in these fields.

# PROPOSED NEW COURSES

## **ARTH 100 RENAISSANCE MODERNISM (11, 12) DUAL CREDIT**

**Course # 300147**

### **semester course**

This course includes the examination of major artists and styles of Western Europe from the 15<sup>th</sup> through the mid-20<sup>th</sup> century within a historical and cultural context.

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

## **ARTH 101 PREHISTORIC THROUGH GOTHIC (11, 12) DUAL CREDIT**

**Course # 300157**

### **semester course**

This course includes the examination of significant art and architecture from prehistory through the Medieval Period.

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

## **CSC 260 OBJECT-ORIENTED PROGRAMMING I (11, 12) DUAL CREDIT**

**Course # 100217**

### **semester course**

Elementary object-oriented programming concepts and practice: types, decisions, loops, methods, arrays, classes; design and problem-solving. An intensive introduction intended for students with programming experience. Hours: 3 classroom + 0 lab/studio

**Prerequisite(s): C- or better in MAT 103 (or higher) and one of INF 110, INF 120, CSC 270, and required GPA and approval by the Senior Counselor or Dean of Academics.**

## **HIS 103 US HISTORY SINCE 1877 (11, 12) DUAL CREDIT**

**Course # 800177**

### **semester course**

Exploration of the nation's development since 1877. Designed to meet demands for a general understanding of U.S. history. General education credit: Culture and Creativity

**Prerequisite: Successful completion of US History (on campus) and the required GPA and ACT scores and approval by the Senior Counselor or Dean of Academics**

## **KIN 200 CONCEPTS OF LIFETIME FITNESS (11, 12) DUAL CREDIT**

**Course # 132317**

### **semester course**

Health related problems associated with a modern sedentary society; benefits of regular exercise; individual psychomotor and physiological developmental patterns.

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

## **LDR 101 LEADERSHIP IN ACTION (11, 12) DUAL CREDIT**

**Course # 132417**

### **semester course**

Introductory course that focuses on practical leadership applications to ever-changing, real-world situations.

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

## **MAT 229 CALCULUS II (11, 12) DUAL CREDIT**

**Course # 54447**

### **semester course**

Calculus of exponential, logarithmic, and inverse functions; techniques of integration; arc length; calculus of parametric equations and polar curves; infinite sequences and series; introduction of vectors and Geometry of space; dot product and cross product. Credit is not given for both MAT 228 and MAT 229.

**Prerequisite: Success completion of AP Calculus (on campus) and the required GPA and ACT scores and approval by the Senior Counselor or Dean of Academics**

## PROPOSED NEW COURSES (cont.)

### **NAA 100 NURSING ASSISTANT SKILLS I (11, 12) DUAL CREDIT**

**Course # 132517**

#### **semester course**

Provides knowledge and skills for nurse aides to assume the role and responsibility required in a long-term care setting. The focus is communication, infection control, safety, resident/patient rights, and basic nursing skills. Note: Faculty and clinical sites must comply with applicable Federal and Kentucky laws and regulations including but not limited to 42 USC 1396r and 907 KAR 1:450. Lecture: 3 credits (75 contact hours).

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

### **PHYSICS 110/111 ADVANCED PLACEMENT (Physics C: Electricity and Magnetism) (11, 12) Course # 74127/74137**

This course is a calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in one of the physical sciences or engineering. Students cultivate their understanding of physics through classroom study, in-class activities, inquiry-based laboratory work as they explore concepts like change, force interactions, fields, and conservation. designed for those students who intend to pursue a career in science or a science-related field.

**Prerequisites: AP Calculus C: Mechanics and the recommendation of AP Physics instructor or Dean of Academics**

### **PSY 100 INTRODUCTION TO PSYCHOLOGY (11, 12) DUAL CREDIT**

**Course # 800157**

#### **semester course**

Systematic and scientific study of behavior from biological, behavioral, and cognitive perspectives; methods, history, biopsychology, perception, learning, development, cognition, personality, mental disorders, therapy, and social psychology. General education credit: Individual and Society

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

### **PSY 201 THE PSYCHOLOGY OF MONEY (11, 12) DUAL CREDIT**

**Course # 800167**

#### **semester course**

Psychology of personal finance; how emotions and psychological biases influence financial decision-making; how money concerns contribute to stress and interpersonal conflict; personal and career financial choices; impact of wealth inequality on society.

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

### **SPA 101 ELEMENTARY SPANISH 101 (11, 12) DUAL CREDIT**

**Course # 400217**

#### **semester course**

Designed to develop basic skills in speaking, writing, listening and reading with particular emphasis on conversation. Introduces the rich and diverse culture of the Spanish-speaking world with the goal of developing students' intercultural knowledge and understanding. Represents the first course in a two-semester sequence.

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

### **SPA 102 ELEMENTARY SPANISH 102 (11, 12) DUAL CREDIT**

**Course # 400227**

#### **semester course**

Designed to further develop skills in speaking, writing, listening and reading with particular emphasis on conversation. Emphasizes improved comprehension and fluency and the ability to narrate past events with an expanded Spanish vocabulary and use of more complex grammatical structures. Continues to introduce the rich and diverse culture of the Spanish-speaking world with the goal of further developing students' intercultural knowledge and understanding. Represents the second course in a two-semester sequence.

**Prerequisite: Successful completion of SPA 101 and the required GPA and approval by the Senior Counselor or Dean of Academics**

## PROPOSED NEW COURSES (cont.)

### **SPEECH AND ETIQUETTE (9, 10)**

**Course # 26227**

#### **semester course**

This elective class will entail two necessary components in everyday life-speaking and proper etiquette. The speech component will cover basic speaking elements in communication as well as types of presentations, including informative, persuasive, demonstration, etc. The etiquette component will present the norms of personal behavior in society including table etiquette, socializing skills, conversational skills, etc.

**Prerequisite: None**

## Dual Credit Course Information:

Covington Catholic High School partners with regional universities for dual credit courses. Dual credit courses allow a student to earn both high school and college credit at a discounted tuition rate.

### Northern Kentucky University School-Based Scholars

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

- 11<sup>th</sup> or 12<sup>th</sup> 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)
- Meet any pre-requisites for individual courses. Math and Sciences typically require specific ACT sub-scores. Any requirements that high schools set in addition to the SBS program's requirements will be honored.
- Complete the NKU SBS application
- 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)
- Request high school transcript and ACT/SAT scores be sent by the Counseling Department if required.

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.

### Thomas More University Dual Credit Courses

In order to enroll in the TMU dual program, you must meet the following requirements:

- 11<sup>th</sup> or 12<sup>th</sup> 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)
- No ACT score required for program but may be required for specific classes
- Complete the TMU application
- Complete the TMU disclosure form (must turn in with course selection sheet)
- Complete the Dual Credit contract (must turn in with course selection sheet)

### Gateway Community and Technical College Dual Credit Courses

In order to enroll in the GCTC dual program, you must meet the following requirements:

- 11<sup>th</sup> or 12<sup>th</sup> grade
- Have a minimum cumulative 2.0 Unweighted GPA for tech classes or a 3.6 GPA for academic courses and/or recommendation from Guidance Counselor or Dean of Academics
- No ACT score required for program but may placement test may be required for specific classes
- Guidance Department will supply additional enrollment paperwork (must turn in with course selection sheet)

**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.
- 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 INITIAL ELIGIBILITY INFORMATION

## Initial-Eligibility Standards

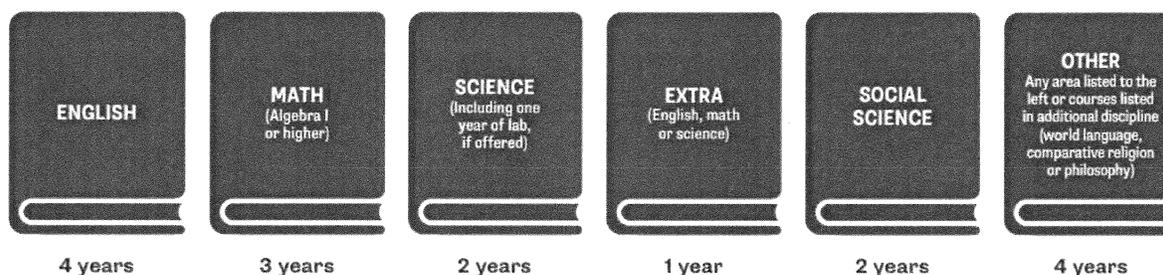
If you want to compete in NCAA sports, you need to register with the NCAA Eligibility Center at [eligibilitycenter.org](http://eligibilitycenter.org). Plan to register before your freshman year of high school. For more information on registration, visit [on.ncaa.com/RegChecklist](http://on.ncaa.com/RegChecklist).

### Academic Requirements

Division I and II schools require you to meet academic standards. To be eligible to practice, compete and receive an athletics scholarship in your first year of full-time enrollment, you must meet the following requirements:

#### Division I

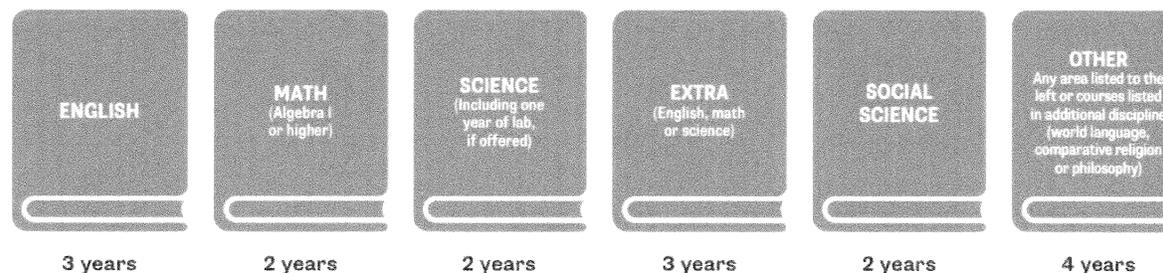
1. Earn 16 NCAA-approved core-course credits in the following areas:



2. Complete your 16 NCAA-approved core-course credits in eight academic semesters or four consecutive academic years from the start of ninth grade. If you graduate from high school early, you still must meet core-course requirements.
3. Complete 10 of your 16 NCAA-approved core-course credits, including seven in English, math or science, before the start of your seventh semester. Once you begin your seventh semester, any course needed to meet the 10/7 requirement cannot be replaced or repeated.
4. Earn a minimum 2.3 core-course GPA.
5. Ask your high school counselor to upload your final official transcript with proof of graduation to your Eligibility Center account.

#### Division II

1. Earn 16 NCAA-approved core-course credits in the following areas:



2. Earn a minimum 2.2 core-course GPA.
3. Ask your high school counselor to upload your final official transcript with proof of graduation to your Eligibility Center account.

#### Division III

While Division III schools set their own admissions and academic requirements, international student-athletes (first-year enrollees and transfers) who are enrolling at a Division III school after Aug. 1, 2023, must be certified as an amateur by the Eligibility Center. Contact the Division III school you plan to attend for more information about its academic requirements.

GRADE  
**9**  
REGISTER

- » If you haven't yet, **register** for a free Profile Page account at [eligibilitycenter.org](http://eligibilitycenter.org) for information on NCAA initial-eligibility requirements.
- » Use NCAA Research's **interactive map** to help locate NCAA schools you're interested in attending.
- » Find your high school's list of NCAA-approved **core courses** at [eligibilitycenter.org/counselist](http://eligibilitycenter.org/counselist) to ensure you're taking the right courses, and earn the best grades possible!

GRADE  
**10**  
PLAN

- » If you're being actively recruited by an NCAA school and have a Profile Page account, **transition** it to the required **certification account**.
- » Monitor the **task list** in your NCAA Eligibility Center account for next steps.
- » At the end of the school year, ask your high school counselor from each school you attend to upload an official transcript to your Eligibility Center account.
- » If you fall behind academically, ask your high school counselor for help finding **approved courses** you can take.

GRADE  
**11**  
STUDY

- » Ensure your **sports participation** information is correct in your Eligibility Center account.
- » Check with your high school counselor to make sure you're on track to complete the required number of NCAA-approved **core courses** and graduate on time with your class.
- » Share your **NCAA ID** with NCAA schools recruiting you so each school can place you on its **institutional request list**.
- » At the end of the school year, ask your high school counselor from each school you attend to upload an official transcript to your Eligibility Center account.

GRADE  
**12**  
GRADUATE

- » **Request your final amateurism certification** beginning April 1 (fall enrollees) or Oct. 1 (winter/spring enrollees) in your Eligibility Center account at [eligibilitycenter.org](http://eligibilitycenter.org).
- » Apply and be accepted to the NCAA school you plan to attend.
- » Complete your final NCAA-approved **core courses** as you prepare for graduation.
- » After you graduate, ask your high school counselor to upload your final **official transcript** with proof of graduation to your Eligibility Center account.

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

**4 x 4 = 16**

**9<sup>th</sup>**  
GRADE

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

4 CORE COURSES

**10<sup>th</sup>**  
GRADE

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

4 CORE COURSES

**11<sup>th</sup>**  
GRADE

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

4 CORE COURSES

**12<sup>th</sup>**  
GRADE

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

4 CORE COURSES



**CONTACT THE NCAA ELIGIBILITY CENTER**

U.S. and Canada (except Quebec)  
877-262-1492 (toll free), Monday-Friday  
9 a.m. to 5 p.m. Eastern time



## COVINGTON CATHOLIC NCAA ELIGIBILITY CENTER COMPLIANT COURSES (3/10/25)

When a high school indicates a course is offered exclusively to students with education-impacting disabilities, a "=" symbol appears next to the course title.

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 GPA. 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 GPA.

### Approved Courses

#### English

	EMB 100 MEDIA LITERACY DUAL CREDIT	
	ENGLISH IV 101 DUAL CREDIT	
	ENGLISH IV 102 DUAL CREDIT	
	CMST 101 PUBLIC SPEAKING	
H	ENGLISH III H	
	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	
A	ENGLISH III/AP	
	ENGLISH IV 101 CPI	
	ENGLISH IV 101 CPII	
	ENGLISH IV 102 CPI	

CM:

	ENGLISH IV 102 CPI	
	ENGLISH IV 102 CPII	
A	ENGLISH IV 110/AP	
A	ENGLISH IV 111/AP	
H	ENGLISH IV/H	
	READING/WRITING WORKSHOP	

Course  
Weight

	ANT 201 WORLD CULTURES		AMF
	BLS 100 INTRO TO BLACK STUDIES		
	CRJ 101 CRIMINAL JUSTICE DUAL CREDIT		
	GEO 100 GEOGRAPHY AND HUMAN LANDSCAPE		
	GEO 108 PHYSICAL GEOGRAPHY		
	JUS 101 INTRO TO CRIMINAL JUSTICE		
	JUS 200 POLICE IN AMERICA		
	JUS 201 CORRECTIONS IN AMERICA		
	JUS 203 THE CRIMINAL COURT SYSTEMS		
	JUS 231 RACE GENDER AND CRIME		
	PSC 100 AMERICAN POLITICS		
	SWK 106 INTRO TO SOCIAL JUSTICE		
	ECO 200 PRINCIPLES OF MACROECONOMICS		
	ECO 201 PRINCIPLES OF MICROECONOMICS		
	ANT 100 INTRO TO CULTURAL ANTHROPOLOGY		
	LAW & JUSTICE		
A	MACROECONOMICS AP		
A	MICROECONOMICS AP		
A	ECONOMICS 110/AP		
A	ECONOMICS 111/AP		
	INTRO TO CLASSICAL PHILOSOPHY		
A	WORLD HISTORY AP		
	PSYCHOLOGY 110/111 AP		
	KENTUCKY STUDIES		
	AMERICAN GOVERNMENT		

Course  
Weight

	MAT 150 COLLEGE ALGEBRA		ALC
A	AP STATISTICS 110/111		
A	STATISTICS AP		
H	GEOMETRY H		
H	PRE-CALCULUS H		
	ALGEBRA III 101/102		
	ALGEBRA I/CPI		
	ALGEBRA I/CPII		
H	ALGEBRA I/H		
	ALGEBRA II/CPI		
	ALGEBRA II/CPII		
H	ALGEBRA II/H		
A	CALCULUS 110/AP		
A	CALCULUS 111/AP		
	GEOMETRY/CPI		
	GEOMETRY/CPII		
	PRE-CALCULUS 101 CPI		ALC
	PRE-CALCULUS 101 CPII		
	PRE-CALCULUS 102 CPI		
	PRE-CALCULUS 102 CPII		
	PROBABILITY & STATISTICS (.5 CREDIT)		

Course  
Weight

	Course	Weight
	AST 115 STARS GALAXIES AND COSMOLOGY	
	BIO 101 BIOLOGY 101	
	BIO 102 BIOLOGY 102	
	EARTH AND SPACE 101	
	EARTH AND SPACE 102	
	GLY 120 THIS DANGEROUS EARTH DUAL CREDIT	
H	PHYSICS HONORS 110	
H	PHYSICS HONORS 111	
	EARTH AND SPACE SCIENCE 101/102	
H	CHEMISTRY II 110 H	
H	CHEMISTRY II 111 H	
A	CHEMISTRY II 111 AP	
A	CHEMISTRY II 110 AP	
	ANATOMY & PHYSIOLOGY 101	
	ANATOMY & PHYSIOLOGY 102	
	BIOLOGY CP I	

AN/

Natural/Physical Science

	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	

**World Language, Comparative Religion, and Philosophy**

Course  
Weight

	FRE 102 FRENCH 102 DUAL CREDIT		FRE CRE
	FRENCH I		
	FRENCH I 101 DUAL CREDIT		
	FRENCH II		
	GER 101 GERMAN 101 DUAL CREDIT		
	GER 201 GERMAN 102 DUAL CREDIT		
	GERMAN I		
	GERMAN II		
	JPN 101 JAPANESE I		
	JPN 102 JAPANESE II		
	LAT 101 LATIN 101 DUAL CREDIT		
	LATIN I		
	LATIN II		
	LATIN III		
	PHI 110 PHILOSOPHY INDIVID AND SOCIETY		
	REL 200 WORLD RELIGION AND CULTURE		
	SED 102 SIGN LANGUAGE II DUAL CREDIT		
	SIGN LANGUAGE 102 DUAL CREDIT		
	SIGN LANGUAGE I DUAL CREDIT		
	SPANISH I CP I		
	SPANISH I CP II		
	SPANISH II CP I		
	SPANISH II CP II		
	SPANISH III		
A	SPANISH IV 110/AP		FRE
A	SPANISH IV 111/AP		FRE
H	GERMAN III 110/H		
H	GERMAN III 111/H		
H	GERMAN IV 110/H		
H	GERMAN IV 111/H		
H	LATIN III HONORS		
H	SPANISH III/H		
H	SPANISH IV 110/H		
H	SPANISH IV 111/H		

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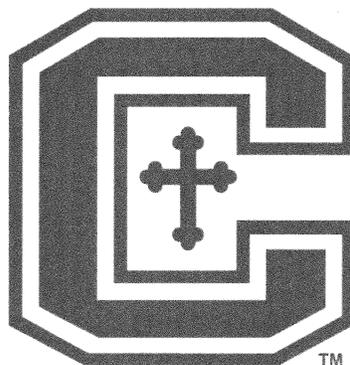
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**COVINGTON**  
**CATHOLIC**  
H I G H S C H O O L

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*Building minds. Living faith.*