

# **FRANKLIN CENTRAL**

## **COURSE CATALOG – 2018-2019**



**\*2017 Washington Post’s “America’s Most Challenging High Schools”\***

**\*2017 US News & World Report “Best High Schools Silver Medal”\***

**\*2017 Newsweek Magazine “Top 500 Schools in the United States—Beating the Odds”\***

**Franklin Central High School  
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Indianapolis, IN, 46259  
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(317) 862-6646**



# **FRANKLIN CENTRAL COURSE CATALOG**

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## **FRANKLIN CENTRAL COUNSELING DEPARTMENT**

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**School Vision Statement: The vision for all of us at Franklin Central is to have the most sought after graduates by colleges, universities, and the world of work.**

## STUDENT SCHEDULING GUIDELINES

The school counselors will present information to all students during the late fall/early spring semester that will assist with course selection based on individual student needs, student achievement, diploma goals, and career goals. Counselors will also meet individually with every student to discuss course choices. It is important for students to make careful course selections by considering their plans after high school, discussing them with parents/guardians, and selecting courses that will fulfill these goals. On pages 5 – 9 of this catalog, you will find diploma checklists and a sample four year plan sheet to help plan and stay on track with diploma and career goals.

1. Students plan their schedules for the entire year.
2. Requests to have a specific teacher or to change teachers will not be honored.
3. Students enrolled in seven courses may drop one course for a study hall during the first five days of each semester without grade penalty. Students are not allowed to drop an AP or Pre-AP class for a study hall.
4. Students should list at least four separate alternate courses on the scheduling sheet. If no alternates are listed, they will be assigned by the counselor.
5. Time allotted for schedule changes is from the start of the scheduling process in December until June 1<sup>st</sup>, 2018. **No changes will be made after this date.** Students have several months from the initial meeting with the counselor until a schedule must be finalized. After the deadline to change schedules has passed, a student may not make additional changes. All students are encouraged to regularly communicate with counselors, and are expected to resolve scheduling issues prior to the schedule change deadline in June.
6. In order to graduate from Franklin Central High School, a student must complete the requirements of the Franklin Township Community School Corporation and the Indiana State Department of Education (see Indiana CORE 40 requirements).
7. **11-22-33.** It is recommended that all students considering a college education take the most challenging curriculum they are capable of taking. Sophomores should have a minimum of **11** credits to be on track for graduation. Juniors must have earned a minimum of **22** credits to be on track for graduation. To be on track for graduation as a senior, a student must have earned a minimum of **33** credits. To earn a diploma a student must have completed their final semester of course work at Franklin Central High School. A student must have completed **all 43 credits** in order to participate in commencement and graduation events.

*Graduation requirements, as mandated by the state of Indiana and Franklin Township Community School Corporation, are listed on pages 5 through 8 of this catalog.*

*Occasionally, a course will not be offered due to insufficient student enrollment or lack of available staffing. Please include multiple alternate choices on course selection sheets due to these factors.*

# CORE 40 DIPLOMA REQUIREMENTS

The education, business, labor, and government leaders of the State of Indiana have agreed on education expectations for Indiana high school students. These expectations are called the Indiana Core 40.

Students must meet the Core 40 standard to be considered for admission to an Indiana four-year college or university. Therefore, all college-bound students are advised to select from the following as a minimum preparation for college.

**English/Language Arts:** 8 credits in literature, composition, and speech

- |                                       |                                       |
|---------------------------------------|---------------------------------------|
| <input type="checkbox"/> English 9-1  | <input type="checkbox"/> English 9-2  |
| <input type="checkbox"/> English 10-1 | <input type="checkbox"/> English 10-2 |
| <input type="checkbox"/> English 11-1 | <input type="checkbox"/> English 11-2 |
| <input type="checkbox"/> English 12-1 | <input type="checkbox"/> English 12-2 |

**Mathematics:** 6 credits must be earned after entering grade 9. Student must take a math or quantitative reasoning course each year of high school.

- |                                       |                                       |
|---------------------------------------|---------------------------------------|
| <input type="checkbox"/> Algebra I-1  | <input type="checkbox"/> Algebra I-2  |
| <input type="checkbox"/> Algebra II-1 | <input type="checkbox"/> Algebra II-2 |
| <input type="checkbox"/> Geometry-1   | <input type="checkbox"/> Geometry-2   |
- 2 additional credits recommended:
- |   |   |
|---|---|
| <input type="checkbox"/> Finite Math            | <input type="checkbox"/> Finite Math            |
| <input type="checkbox"/> Quantitative Reasoning | <input type="checkbox"/> Quantitative Reasoning |
| <input type="checkbox"/> Pre-Calculus           | <input type="checkbox"/> Pre-Calculus           |
| <input type="checkbox"/> AP Statistics          | <input type="checkbox"/> AP Statistics          |
| <input type="checkbox"/> AP Calculus            | <input type="checkbox"/> AP Calculus            |

**Science:** 6 credits required from the following 2 credits required:

- |                                    |                                    |
|------------------------------------|------------------------------------|
| <input type="checkbox"/> Biology-1 | <input type="checkbox"/> Biology-2 |
|------------------------------------|------------------------------------|
- 2 credits required:
- |   |   |
|---|---|
| <input type="checkbox"/> Chemistry-1                    | <input type="checkbox"/> Chemistry-2                    |
| <input type="checkbox"/> Physics-1                      | <input type="checkbox"/> Physics-2                      |
| <input type="checkbox"/> Integrated Chemistry-Physics-1 | <input type="checkbox"/> Integrated Chemistry-Physics-2 |

2 additional credits required: any FC Science course

**Social Studies:** 6 credits required as follows

2 credits required:

- |   |   |
|---|---|
| <input type="checkbox"/> Geography and History of the World-1 | <input type="checkbox"/> Geography and History of the World-2 |
| OR  |   |
| <input type="checkbox"/> World History-1                      | <input type="checkbox"/> World History-2                      |

2 credits required:

- |                                       |                                       |
|---------------------------------------|---------------------------------------|
| <input type="checkbox"/> US History-1 | <input type="checkbox"/> US History-2 |
|---------------------------------------|---------------------------------------|

2 credits required:

- |  |                                    |
|--|------------------------------------|
| <input type="checkbox"/> US Government | <input type="checkbox"/> Economics |
|--|------------------------------------|

**Total: 43 credits**

**Health/ Physical Education:** 3 credits

- |  |
|--|
| <input type="checkbox"/> PE  |
| <input type="checkbox"/> PE  |
| <input type="checkbox"/> Health and Wellness or 3 FACS courses (see page 26) |

**Elective Credits:** 14 total elective credits required

5 elective credits must be Directed Electives: Fine Arts, World Languages, or Career/Technical Education (Counselor will help student plan Directed Electives)

**Directed Electives: (5)**

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**Other Electives: (9)**

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**Graduation Exams:**

**ISTEP**

- |  |
|--|
| <input type="checkbox"/> Mathematics           |
| <input type="checkbox"/> English/Language Arts |

*Graduation Exam for Class of 2020 and after to be decided by Indiana Department of Education.*

# **CORE 40 WITH TECHNICAL HONORS DIPLOMA REQUIREMENTS**

## **In addition to completing courses for the CORE 40 a student must also:**

\_\_\_ Complete 6 credits in the college and career preparation courses in a state-approved College & Career Pathway and one of the following:

1. State approved, industry recognized certification or credential  
(These are available through some Central Nine Career Center programs and several Business computer courses)  
OR
2. Pathway dual credits from the approved dual credit list resulting in 6 transcribed college credits

\_\_\_ Earn a C- or better in all required courses.

\_\_\_ Graduate with a Grade Point Average (GPA) of 3.0 or higher.

\_\_\_ Complete one of the following:

1. One of the following:
  - Earn 4 credits with a C- or higher in 2 or more AP courses and take corresponding AP exams
  - Earn 6 verifiable transcribed college credits in dual credit courses from the approved dual credit list
  - Earn 2 credits with a C- or higher in AP courses and take corresponding exam AND earn 3 verifiable transcribed college credits in dual credit courses from the approved dual credit list
  - Earn a composite score of 1250 or higher on the SAT and a minimum of 560 on Math and 590 on the Evidence Based Reading and Writing Section
  - Earn an ACT composite score of 26 or higher and complete the writing section
2. Earn the following scores or higher on the Work Keys exam: Reading for Information – Level 6, Applied Mathematics – Level 6, and Locating Information – Level 5
3. Earn the following minimum score(s) on the Accuplacer exam: Writing – 80, Reading – 90, Math – 75
4. Earn the following minimum score(s) on the Compass exam: Algebra – 66, Writing – 70, Reading – 80

## **Total: 47 credits**

*Career clusters and pathways represented by a career-technical program at Central Nine Career Center:*

Agriculture	Hospitality
Manufacturing and Logistics	Arts, AV Technology, and Communication
Public Service	Business & Marketing and Information Technology
Transportation and Motor Sports	Health Sciences

*Career clusters and pathways represented by programs at Franklin Central High School:*

Business Department: Business Administration, Web & Digital Communications, and Information Technology.  
Engineering and Tech Ed Department: Engineering (Project Lead the Way – PLTW)

# CORE 40 WITH ACADEMIC HONORS DIPLOMA REQUIREMENTS

To be eligible for an academic honors diploma, a student must graduate with a GPA of a B (3.0) or above. No grade lower than a C- may count toward the diploma. If students earn lower than a C- in a course, they may not count that credit toward the 47 credits for the Academic Honors diploma.

**English/Language Arts:** 9 credits from the following list to include literature, composition, and speech:

- |                                      |                                       |                                       |                                       |
|--------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| <input type="checkbox"/> English 9-1 | <input type="checkbox"/> English 10-1 | <input type="checkbox"/> English 11-1 | <input type="checkbox"/> English 12-1 |
| <input type="checkbox"/> English 9-2 | <input type="checkbox"/> English 10-2 | <input type="checkbox"/> English 11-2 | <input type="checkbox"/> English 12-2 |
| <input type="checkbox"/> Speech      |                                       |                                       |                                       |

**Mathematics:** 8 credits from the following list to include Algebra I, Algebra II, Geometry, and one upper level course. Six credits must be earned after entering grade 9. Student must take a math or quantitative reasoning course each year of high school.

- |   |   |  |  |
|---|---|--|--|
| <input type="checkbox"/> Algebra I-1              | <input type="checkbox"/> Algebra I-2              | <input type="checkbox"/> Finite Math   | <input type="checkbox"/> Finite Math   |
| <input type="checkbox"/> Algebra II-1             | <input type="checkbox"/> Algebra II-2             | <input type="checkbox"/> AP Statistics | <input type="checkbox"/> AP Statistics |
| <input type="checkbox"/> Geometry-1               | <input type="checkbox"/> Geometry-2               | <input type="checkbox"/> Pre-Calculus  | <input type="checkbox"/> Pre-Calculus  |
| <input type="checkbox"/> Quantitative Reasoning-1 | <input type="checkbox"/> Quantitative Reasoning-2 | <input type="checkbox"/> AP Calculus   | <input type="checkbox"/> AP Calculus   |

**Science:** 6 credits required from the following

2 credits required:

- |                                    |                                    |
|------------------------------------|------------------------------------|
| <input type="checkbox"/> Biology-1 | <input type="checkbox"/> Biology-2 |
|------------------------------------|------------------------------------|

2 credits required:

- |   |   |
|---|---|
| <input type="checkbox"/> Chemistry-1                    | <input type="checkbox"/> Chemistry-2                    |
| <input type="checkbox"/> Physics-1                      | <input type="checkbox"/> Physics-2                      |
| <input type="checkbox"/> Integrated Chemistry-Physics-1 | <input type="checkbox"/> Integrated Chemistry-Physics-2 |

2 additional credits: any other FC Science course

\_\_\_\_\_

**Social Studies:** 6 credits required as follows

2 credits required:

- |   |   |
|---|---|
| <input type="checkbox"/> Geography & History of the World-1 | <input type="checkbox"/> Geography & History of the World-2 |
| OR  |   |
| <input type="checkbox"/> World History-1                    | <input type="checkbox"/> World History-2                    |

2 credits required:

- |                                       |                                       |
|---------------------------------------|---------------------------------------|
| <input type="checkbox"/> US History-1 | <input type="checkbox"/> US History-2 |
|---------------------------------------|---------------------------------------|

2 credits required:

- |  |                                    |
|--|------------------------------------|
| <input type="checkbox"/> US Government | <input type="checkbox"/> Economics |
|--|------------------------------------|

**World Language:** 6 credits from the following list in one language, or 4 credits in one language and 4 credits in another language:

- |   |                          |
|---|--------------------------|
| <input type="checkbox"/> French I, German I, or Spanish I       | <input type="checkbox"/> |
| <input type="checkbox"/> French II, German II, or Spanish II    | <input type="checkbox"/> |
| <input type="checkbox"/> French III, German III, or Spanish III | <input type="checkbox"/> |

**Fine Arts:** 2 credits in art, music, and other areas which encompass visual, performing, and creative modes of learning.

\_\_\_\_\_

**Health/Physical Education:** 3 required credits

- PE  PE  Health and Wellness or 3 FACS courses (see page 26)

**Elective Credits:** (As needed to reach Total of 47 Credits)

\_\_\_\_\_

\_\_\_\_\_

**For this diploma, students must also complete one of the following options:**

- a. Earn 4 credits with a C- or higher in 2 or more AP courses and take corresponding AP exams
- b. Earn 6 verifiable transcribed college credits in dual credit courses from the approved dual credit list
- c. Earn 2 credits with a C- or higher in AP courses and take corresponding exam AND earn 3 verifiable transcribed college credits in dual credit courses from the approved dual credit list
- d. Earn a composite score of 1250 or higher on the SAT and a minimum of 560 on Math and 590 on the Evidence Based Reading and Writing Section
- e. Earn an ACT composite score of 26 or higher and complete the writing section

**Total: 47 credits**

# FRANKLIN CENTRAL HONORS DIPLOMA REQUIREMENTS

In addition to the requirements necessary to earn the Core 40 with Academic Honors diploma, students who earn a C- or above in a minimum of 12 weighted credits in Advanced Placement (AP), Pre-AP, or Honors courses will earn Franklin Central's most prestigious diploma: the Franklin Central Honors diploma.

To achieve this diploma it is recommended that students pursue the following plan of courses in high school:

- One full year (2 credits) Pre-AP course in the freshman year
- One full year (2 credits) Pre-AP or Advanced Placement (AP) course in the sophomore year
- Two full year (4 credits) AP or Pre-AP courses in the junior year
- Two full year (4 credits) AP or Pre-AP courses in the senior year

This can vary depending on student strengths and goals, but must total 12 weighted courses (AP, Pre-AP, or Honors) by the end of the senior year.

In addition to completing 12 weighted courses with a C- or higher, students must also graduate with a B (3.0) GPA or above, and earn a C- or higher in all courses to earn the Franklin Central Honors diploma.

Earning this respected diploma demonstrates motivation and advanced academic skills, and students will be able to indicate to colleges and potential employers that they completed the most rigorous course work as a student at Franklin Central High School.

List of 12 weighted credits completed: (List of weighted courses offered at FC can be found on page 10)

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

**Total: 47 credits**



# ADVANCED PLACEMENT AGREEMENT

The following document is a sample of the Advanced Placement (AP) agreement that all students and parents complete when a student signs up for an AP course each year. The exam fees are subject to change by The College Board, which is the organization in charge of the nationwide AP program. The state of Indiana currently pays the exam fees for AP courses in Math, Science, and English.

**Date:** \_\_\_\_\_ **AP Coordinator:** Mrs. Amy McCabe, Assistant Principal  
**Student Name:** \_\_\_\_\_ **AP Course(s):** \_\_\_\_\_  
**Parent/Guardian:** \_\_\_\_\_ **AP Teacher(s):** \_\_\_\_\_

You are currently registered to take an AP course this year. Taking an AP course and exam is a collaborative effort between you the student, your parent/guardian, and the school. Each party plays a role and must make the commitment to meet the expectations noted below.

**The Student** agrees to organize his/her time and effort to successfully complete the AP course in which he/she is enrolled. The student will notify teachers immediately if he/she falls behind in class readings and/or assignments. The student will be expected to complete assignments, readings and projects outside of class time. The student will take the AP Exam on its scheduled date and time as outlined by the College Board.

**The Parent/Guardian** agrees to be familiar with and accept the AP course requirements and policies, and to help his/her child organize study time in support of class assignments. The parent/guardian agrees to purchase required materials and to pay the exam fee as determined by the College Board. If the parent/guardian is unable to meet these requirements for financial reasons, they will contact the AP Coordinator immediately.

**The School (AP Teacher and AP Coordinator)** agrees to provide rigorous instruction and challenging course content as described in the AP Course Description. The school will provide the student with a copy of the *Bulletin for AP Students and Parents* in January and agrees to administer the AP Exam in a fair and secure environment as outlined in the *AP Coordinator's Manual*.

I agree to the conditions outlined above. I understand that the AP Exam fee will be \$92.00\* for all non-math/science exams. **A deposit of \$15.00 is due at book pick-up prior to the start of school and the balance is to be paid by the beginning of Fall Break.** I understand that all fees will be forfeited should I fail to take the AP Exam.

\_\_\_\_\_  
**Student Signature**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Parent/Guardian Signature**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**AP Teacher Signature**

\_\_\_\_\_  
**Date**

*Amy McCabe*  
\_\_\_\_\_

**AP Coordinator Signature**

\_\_\_\_\_  
**Date**

The student is responsible for collecting the required signatures and **returning this agreement to FCHS by \_\_\_\_\_**. A separate agreement must be submitted for each AP course a student takes if not signed at book pick-up.

\*AP fees are waived for students who participate in the free/reduced lunch program.

# GRADUATION EXAMS, GPA/CLASS RANK, WEIGHTED COURSES

## Graduation Exams

Beginning with the class of 2019, the ISTEP+ Grade 10 English/Language Arts and Mathematics tests replace the End of Course Assessments in Algebra I and English 10 as the graduation requirement. Every Indiana student in the graduating class of 2019 must demonstrate mastery of the Indiana Academic Standards measured by the ISTEP+ Grade 10 English/Language Arts and Mathematics assessments. The state is currently deciding on what graduation exam to use for the class of 2020 and after.

## Grade Point Average (GPA) Calculation

	A = 4.0	A- = 3.667
B+ = 3.333	B = 3.0	B- = 2.667
C+ = 2.333	C = 2.0	C- = 1.667
D+ = 1.333	D = 1.0	D- = 0.667
F = 0		

Points are totaled from all courses. The points are then divided by the number of attempted credits to determine the grade point average (GPA). The following list of courses and the specific use of weighted grades is exclusive to Franklin Central High School. Transferring out of the school district may affect a student's GPA and class rank.

If a student receives a C- or higher in Pre-AP, AP, and Honors level courses, those courses are weighted by giving the student .667 additional points toward the GPA calculation for each semester of the course.

## List of Franklin Central's Weighted Courses (AP, Pre-AP, and Honors level)

### Business

AP Computer Science  
AP Computer Science Principles

### Mathematics

Algebra II Pre-AP  
Geometry Pre-AP  
Pre-Calculus Pre-AP  
AP Statistics  
AP Calculus AB  
AP Calculus BC

### Science

Biology Pre-AP  
Chemistry Pre-AP  
AP Chemistry  
AP Physics-1  
AP Physics-2  
AP Environmental Science  
AP Biology

### World Language

French III & IV Honors  
German III & IV Honors  
Spanish III & IV Honors

### Language Arts

English 9 Pre-AP  
English 10 Pre-AP  
AP English 11 Language  
AP English 12 Literature

### Performing and Visual Arts

AP Art History  
AP Music Theory  
AP Studio Drawing and Studio Design

### Social Studies

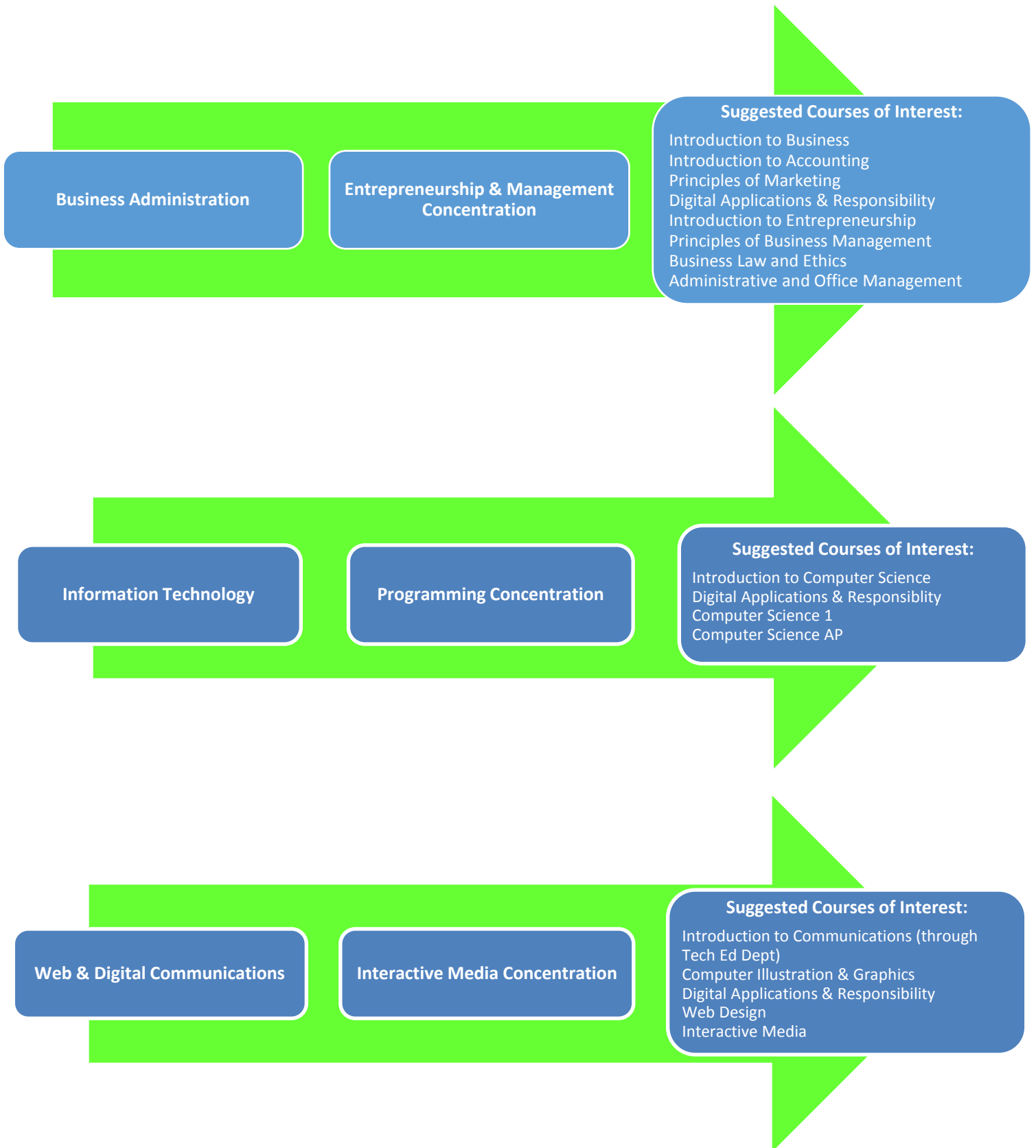
Geography and History of the World Pre-AP  
AP World History  
AP US History  
AP Psychology  
AP Macro Economics  
AP US Government  
US Government Honors (We the People)

# BUSINESS DEPARTMENT

Business courses available to each grade level.

Grade 9 Courses	Grade 10 Courses	Grade 11 and 12 Courses	
Introduction to Business (2 Sem.)	Introduction to Business (2 Sem.)	Introduction to Computer Science (1 Sem.)	Computer Science I (2 Sem.)
Introduction to Computer Science (1 Sem.)	Introduction to Computer Science (1 Sem.)	Digital Applications & Responsibility-1 (1 Sem.)	Digital Applications & Responsibility-2 (1 Sem.) (Microsoft Office Cert.) <span style="border: 1px solid green; padding: 2px;">College Credit</span>
Digital Applications & Responsibility-1 (1 Sem.)	Introduction to Accounting (2 Sem.)	Computer Illustration & Graphics (2 Sem.)	Web Design (1 Sem.) <span style="border: 1px solid green; padding: 2px;">College Credit</span>
	Business Law & Ethics (1 Sem.)	Computer Science AP (2 Sem.)	Computer Science Principles AP (2 Sem.)
	Computer Illustration & Graphics (2 Sem.)	Interactive Media (2 Sem.)	Computer Tech Support (2 Sem.)
	Computer Science I (2 Sem.)	Introduction to Entrepreneurship (1 Sem.)	Business Law & Ethics (1 Sem.)
	Introduction to Entrepreneurship (1 Sem.)	Personal Financial Responsibility (1 Sem.)	Administrative and Office Management (2 Sem.)
	Personal Financial Responsibility (1 Sem.)	Principles of Marketing (1 Sem.)	Principles of Business Management (1 Sem.) <span style="border: 1px solid green; padding: 2px;">College Credit</span>
	Principles of Marketing (1 Sem.)	Introduction to Accounting (2 Sem.)	
	Digital Applications & Responsibility-1 (1 Sem.)		
	Computer Science Principles AP (2 Sem.)		
	Computer Tech Support (2 Sem.)		

The Indiana College and Career Pathways provide an aligned sequence of courses for students to take to better prepare them for their career interests. Below are the career pathways offered by the FCHS Business Department. If students are interested in a pathway, they should take as many of the courses listed in that particular concentration as possible. The State of Indiana strongly encourages students in all Career Pathways to take Preparing for College and Careers (FACS Dept.) and Personal Financial Responsibility (Business Dept.) Students not interested in any of the pathways available through the Business Department may still opt to take any business classes they wish, as long as prerequisites are met.



Students' business needs have changed dramatically in the past several years. Computer skills and knowledge are now essential to those that will be attending college and to those entering the work force. The Franklin Central High School Business Department offers a comprehensive curriculum to prepare students with the technology they need to know and the business knowledge they need to command in this competitive world.

<b>Course</b>	<b>Grade</b>	<b>Prerequisites</b>
<b>Business Administration Career Pathway</b>		
Introduction to Business	9-10	None
Introduction to Accounting	10-12	None
Business Law and Ethics	10-12	None
Introduction to Entrepreneurship	10-12	None
Digital Applications & Responsibility-1	9-12	None
^Digital Applications & Responsibility-2	11-12	Digital Applications & Responsibility-1
Principles of Business Management	11-12	None
Principles of Marketing	10-12	None
Administrative and Office Management	11-12	Principles of Business Management <u>or</u> Principles of Marketing
<b>Information Technology Career Pathway</b>		
Introduction to Computer Science	9-12	None
Digital Applications & Responsibility-1	9-12	None
^Digital Applications & Responsibility-2	11-12	Digital Applications & Responsibility-1
Computer Science I	10-12	Introduction to Computer Science
Computer Science AP	11-12	Digital Applications & Responsibility-1, Algebra I and II
Computer Science Principles AP	10-12	Algebra I; recommended B in all Math courses
Computer Tech Support – Cyber Flashes Tech Squad	10-12	
<b>Web and Digital Communications Career Pathway</b>		
Digital Applications & Responsibility-1	9-12	None
^Digital Applications & Responsibility-2	11-12	Digital Applications & Responsibility-1
Computer Illustration and Graphics	10-12	None
Web Design	11-12	None
Interactive Media	11-12	None
<b>Other Business Department Classes</b>		
Business Math	12	Counselor Approval Required
Personal Financial Responsibility	10-12	None

^Microsoft Office Specialist Certification testing available.

#### Dual Credit Courses

The FCHS Business Department offers three dual credit classes. This means that students earn high school credit, as well as college credit. **\*These classes are offered through Vincennes University.** Dual credit classes through Vincennes cost \$25 per credit hour – or \$75 per class. Once FCHS students graduate and move on to college, that same 3 hour class would cost approximately \$150–\$1000, depending on the college/university of choice. FCHS students could conceivably earn 9 hours of college credit through the FCHS Business Department, possibly saving hundreds or even thousands of dollars. Two of these dual credit courses are listed in the **Indiana Core Transfer Library (<http://www.transferin.net/CTL.aspx>)**. Credits earned in these ICT Library courses should transfer to various Indiana colleges and universities, including IUPUI, Ball State, IU, Purdue, etc. The final decision as to whether a college or university will accept dual credits is made by the Admissions Office of each institution.

#### **FCHS Business Department Dual Credit Courses Offered**

(All are considered 3 credit hour college courses):

FCHS Course Name: Web Design – College Credit  
**Vincennes – COMP 107 Web Page Design**

FCHS Course Name: Digital Applications & Responsibility-2 – College Credit  
**Vincennes – COMP 110 Introduction to Computer Concepts**

FCHS Course Name: Principles of Business Management  
**Vincennes – MGMT 100 Introduction to Business**

<b>INTRODUCTION TO ACCOUNTING</b>	2 semesters / 2 credits
Grades 10-12	
Prerequisite – None	
<i>Accounting</i> is the language of business and is the most fundamental study which prepares students to enter their personal and business financial worlds. All students contemplating any type of collegiate business or management major are urged to complete this course. Students will learn to keep journals, ledger accounts, and construct financial statements for proprietorships and corporations. This course utilizes on-line working papers and projects/simulations. Students will learn to understand, analyze, and record business transactions and prepare, analyze, and interpret financial reports as a basis for decision making.	
<b>ADMINISTRATIVE AND OFFICE MANAGEMENT</b>	2 semesters / 2 credits
Grade 11-12	
Prerequisites: Principles of Business Management or Principles of Marketing	
This advanced business management course gives students that have previously taken Principles of Management or Principles of Marketing a chance to apply what they have learned. Students will plan, organize, direct, and control the day-to-day operations of our FCHS Coffee House. Students will be provided opportunities to develop attitudes and apply skills and knowledge in the areas of business administration, management, marketing, and finance.	
<b>BUSINESS LAW AND ETHICS</b>	1 semester / 1 credit
Grades 10-12	
Prerequisites: None	
America is a nation of laws. These are the laws we have to adhere to on a daily basis. Business and personal law is a class that discusses law as it pertains to you. We will engage in interesting mock trials where you get to understand what it is like to be a jury member, represent a client in a high profile case, etc. Law is also a class where you learn your rights as well as your responsibilities.	
<b>BUSINESS MATH</b>	2 semesters / 2 credits
Grade 12 (Counselor approval required)	
Recommended Prerequisite: Algebra I	
<i>Business Math</i> is a business course designed to prepare students for roles as entrepreneurs, producers, and business leaders by developing abilities and skills that are part of any business environment. A solid understanding of math including algebra, basic geometry, statistics and probability provides the necessary foundation for students interested in careers in business and skilled trade areas. The content includes mathematical operations related to accounting, banking and finance, marketing, and management. Instructional strategies should include simulations, guest speakers, tours, internet research, and business experiences.	
<b>COMPUTER ILLUSTRATION AND GRAPHICS</b>	2 semester / 2 credits
Grades 10-12	
Prerequisites: None	
<i>Computer Illustration and Graphics</i> introduces students to desktop publishing. Do you want to create designs for brochures, newsletters, T-shirts, product packaging, flyers, letterheads, and much more? This course, using the latest software, will help you do just that as well as create other current business and personal documents. You will study elements of design, fonts, color, and layout while using Adobe CS6 InDesign, Illustrator, and Photoshop.	
<b>COMPUTER SCIENCE I</b>	2 semesters / 2 credits
Grades 10-12	
Prerequisites: Introduction to Computer Science, Algebra I	
<i>Computer Science I</i> is designed for the college bound student interested in math, science, engineering, gaming, and technology. No computer programming experience is necessary. This course will provide students with a basic understanding of computer programming using the Microsoft Visual Basic.NET object-oriented programming language. Students will problem solve and create real-world applications by planning, designing, coding, testing, and documenting their own interactive programs.	
<b>COMPUTER SCIENCE AP</b>	2 semesters / 2 credits
Grades 11-12	
Prerequisites: Digital Applications & Responsibility-1, Algebra I, and Algebra II	
<i>Computer Science A, Advanced Placement</i> is a business course that provides students with the content established by the College Board. Topics include: object-oriented program design, program implementation, program analysis, standard data structures, standard algorithms, and computing in context. Computer Science A emphasizes object-oriented programming methodology with a concentration on problem solving and algorithm development. Java is the programming language that will be used. All students will take the AP Computer Science test at the end of the year	
<b>COMPUTER SCIENCE PRINCIPLES AP</b>	2 semesters / 2 credits
Grades 10-12	
Prerequisites: Algebra I, Recommended B in all Math courses	
This course is designed to introduce students to the central ideas of computing and computer science, to instill ideas and practices of computational thinking, and to have students engage in activities that show how computing and computer science change the world. The course is rigorous and rich in computational content, includes computational and critical thinking skills, and engages students in the creative aspects of the field. This course is designed for college bound students looking to gain more in depth computer knowledge to be used in any field of study.	
<b>COMPUTER TECH SUPPORT – CYBER FLASHES TECH SQUAD</b>	2 semesters / 2 credits
Grades 10-12	
Prerequisites: One semester of an FCHS Computer class, application and interview	
Tech Squad is a semester or yearlong hands on study of technology integration in an educational context. Students are required to assess problem sets and define the best approach to addressing or solving the problem. In addition to solving problems for students and teachers, students will be required to complete and maintain several running projects that address problems or solutions in educational technology integration. The course also asks students to have a prior understanding of Mac OS, Microsoft Windows OS, iOS, Chrome OS, or Android OS. Students may be required to attend a one-day summer training to be eligible. Requirement - Cyber Flashes Tech Squad Application and at least one other computing course. Acceptance into this course will be based on the application and a personal interview	

## INTRODUCTION TO COMPUTER SCIENCE

1 semester / 1 credit

Grade 9-12

Prerequisites: None

*Introduction to Computer Science* is designed to introduce students to the breadth of the field of computer science. Rather than focusing the entire course on learning particular software tools or programming languages, the course is designed to focus on the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems. The goal of this course is to develop in students the computational practices of algorithm development, problem solving and programming within the context of problems that are relevant to the lives of today's students. Students will also cover topics such as interface design, limits of computers, and societal and ethical issues.

## INTRODUCTION TO ENTREPRENEURSHIP

1 semester / 1 credit

Grades 10-12

Prerequisites: None

*Introduction to Entrepreneurship* - According to a Gallup poll, 7 out of 10 high school students want to start their own business. This course will provide them with background knowledge of how to start and succeed in a new venture. The entrepreneurial process of opportunity recognition, innovation, competitive advantage, venture concept, feasibility analysis, marketing strategies, etc. will be explored using mini-case studies of successful and unsuccessful entrepreneurial start-ups. Other topics to be addressed include government and legal restrictions, intellectual property, franchising locations, basic business accounting, raising startup funding, as well as sales and revenue forecasting. Students will develop a written business plan for a business of their choice.

## DIGITAL APPLICATIONS & RESPONSIBILITY-1

1 semester/ 1 credit

Grades 9-12

This course would be an excellent choice for every FCHS student. Strong computer skills, a must in today's job market, will be the focus of this class, as students use technology, primarily Microsoft Office 2010 to create advanced documents applicable to home, school, future jobs, and college. Students will use word processing (MS Word) and databases (MS Access) in this course. Students will also focus on creating/editing spreadsheets (MS Excel) and presentations (MS PowerPoint). Students will develop efficient and practical computer skills beyond the basics. Internet usage and basic computer hardware and software knowledge will also be incorporated throughout the entire course.

## DIGITAL APPLICATIONS & RESPONSIBILITY-2 – COLLEGE CREDIT

1 semester/ 1 credit

Grades 11-12

Prerequisites: Digital Applications & Responsibility-1

**Dual Credit:** *COMP 110 – Vincennes University*

This course, a dual credit class which will be aligned with Vincennes University, would be an excellent choice for every FCHS student. Students can earn high school and college credit while also having an opportunity to earn a Microsoft certification. This course is also part of the Indiana Core Transfer Library, thus the credit earned should be transferrable to many Indiana colleges and universities, including Ball State, IU, Purdue, IUPUI, and Indiana State. Strong computer skills, a must in today's job market, will be the focus of this class, as students use technology, primarily Microsoft Office 2010 to create advanced documents applicable to home, school, future jobs, and college. Students will continue to use word processing (MS Word) and databases (MS Access) in this course. Students will also continue to focus on creating/editing spreadsheets (MS Excel) and presentations (MS PowerPoint). Students will develop efficient and practical computer skills beyond the basics. Internet usage and basic computer hardware and software knowledge will also be incorporated throughout the entire course. **At the end of each program unit (Excel, PowerPoint), students will take a Microsoft Office Specialist (MOS) certification exam. Students can earn 3 college credits through Vincennes University (COMP 110).**

## INTERACTIVE MEDIA

2 semesters / 2 credits

Grades 11-12

Prerequisites: None

*Interactive Media* – Do you want to design logos, build websites, and create/edit audio clips and videos? In this course, you will learn all of this using today's latest technology and software. Using Adobe CS6 Dreamweaver, Flash, and Photoshop, as well as Microsoft's Movie Maker, students will create websites, videos, logos, and more. This course emphasizes the development of digitally generated or computer-enhanced products using multimedia technologies. Students will work individually and in teams to design, develop, and implement digital media projects. Students will also develop an understanding of professional business practices including the importance of ethics, communication skills, and knowledge of the "virtual workplace".

## INTRODUCTION TO BUSINESS

2 semesters / 2 credits

Grades 9-10

Prerequisites: None

*Introduction to Business* introduces students to the world of business, including marketing, management, entrepreneurship, and business law. Concepts, functions, and skills required for meeting the challenges of operating a business in the twenty-first century on a local, national, and international scale will be included. The course further develops business vocabulary and provides an overview of business and the role that business plays in economic, social, and political environments.

## PERSONAL FINANCIAL RESPONSIBILITY

1 semester / 1 credit

Grades 10 – 12

Prerequisites: None

Financial planning is critical for all consumers – even teenagers. This one-semester course will prepare students to start planning for their financial futures. Students will build skills in managing financial resources, which will include analyzing personal standards to a matching income, banking, taxes, budgets, record-keeping, insurance, credit cards, saving and investment options, and finally retirement.

## PRINCIPLES OF BUSINESS MANAGEMENT – COLLEGE CREDIT

1 semester / 1 credit

Grades 11-12

Prerequisites: None

**Dual Credit– MGMT 100 – Vincennes University**

This course is a one-semester dual credit class aligned with Vincennes University. This course is also part of the Indiana Core Transfer Library, thus the credit earned should be transferrable to many Indiana colleges and universities, including Ball State, IU, Purdue, IUPUI, and Indiana State. How does Starbucks serve so many customers worldwide each day? Where do they get all that coffee so that their customers

Are happy? How does Ford manage to get their cars to the showrooms across the country on a day by day basis? Ever wonder how American Airlines or United Airlines manage to help over 1 million passengers on a weekly basis make it to their destinations? The answers to those and many other interesting business questions can be found in Business Management. Principles of Business Management focuses on the roles and responsibilities of managers as well as opportunities and challenges of ethically managing a business in our free enterprise system. The management of human and financial resources is emphasized. **Students can earn 3 college credits through Vincennes University (MGMT 100).**

**PRINCIPLES OF MARKETING**

1 semester / 1 credit

Grades 10-12

Prerequisites: None

*Principles of Marketing* – Advertisements, online databases, promotional campaigns, endorsements, etc. You have probably heard of all of these wonderful concepts. What are they and why do people spend so much time creating them? The answers to these questions can be found in *Principles of Marketing*. This course provides a basic introduction to marketing in our global economy.

**WEB DESIGN – COLLEGE CREDIT**

1 semester / 1 credit

Grades 11- 12

Prerequisite: Algebra 1

**Dual Credit – COMP 107 – Vincennes University**

This course will train students to create websites using HTML/XHTML and NotePad++. The course is project-based and provides hands-on experience in the creation of websites. Students can earn 3 college credits through Vincennes University (Comp 107).

<p><b>Possible Scenarios to Earning a Core 40 with Technical Honors Diploma Through the</b></p> <p><b>FCHS Business Department</b></p> <ul style="list-style-type: none"> <li>• Earn 6 credits in a pathway</li> <li>• Earn 6 college credits (2 classes) in pathway</li> </ul> <p>*Classes that fulfill 6 credits in a career pathway for the Technical Honors Diploma.</p> <p>^Classes that fulfill 6 hours of college credit requirement (Must take these 2 classes junior or senior year)</p>	
<p><b>Scenario 1</b></p>	<p><b>Business Administration Pathway</b></p> <p>9<sup>th</sup> Grade – Preparing for College and Careers,</p> <p>10<sup>th</sup> Grade – *Introduction to Business, Introduction to Accounting</p> <p>11<sup>th</sup> Grade – *^Principles of Business Management,*^Digital Applications &amp; Responsibility</p> <p>12<sup>th</sup> Grade – *Administrative and Office Management, *Introduction to Entrepreneurship, *Business Law and Ethics</p>
<p><b>Scenario 2</b></p>	<p><b>Information Technology Pathway (Computer Programming)</b></p> <p>9<sup>th</sup> Grade – Preparing for College and Careers,</p> <p>10<sup>th</sup> Grade – Computer Illustration and Graphics</p> <p>11<sup>th</sup> Grade – ^*Digital Applications &amp; Responsibility <b>and</b> *Computer Science I</p> <p>12<sup>th</sup> Grade – *Computer Science AP, Personal Financial Responsibility</p>
<p><b>Scenario 3</b></p>	<p><b>Web and Digital Communications Pathway (Interactive Media)</b></p> <p>9<sup>th</sup> Grade – Preparing for College and Careers,</p> <p>10<sup>th</sup> Grade – *Introduction to Communications (Offered through the Engineering and Technology Education Dept.)</p> <p>11<sup>th</sup> Grade – *Computer Illustration and Graphics,* Interactive Media</p> <p>12<sup>th</sup> Grade – *^Web Design-College Credit</p>



# CENTRAL NINE CAREER CENTER (C9)

Juniors and seniors in ten participating school districts have the opportunity to enroll at Central Nine Career Center. Students need to complete an application and are selected by the respective high schools on the basis of sincere interest, necessary aptitudes and abilities, attendance, and academic performance. Applications are completed in January through March of students' sophomore and junior years. **Juniors must have 22 credits at the beginning of their junior year in order to take courses at Central Nine. Seniors must have 29 credits at the start of the senior year in order to enroll in Central Nine courses. Enrollees receive 4 high school credits per semester for successful completion of course requirements in most programs.**

**Transportation:** Buses transport students daily to their elective career program at Central Nine for periods one through four, and return students to Franklin Central for lunch and periods five through seven for completion of required academic classes and participation in extracurricular activities. Senior students enrolled in off-campus programs or work-based internship are required to provide their own transportation.

There is the opportunity for cooperative training during the senior year in several of the programs, allowing paid, on-the-job training with various employers. **\*\*SPECIAL NOTE\*\* Central Nine charges additional course fees for their classes taken.**

Dual credits (college and high school credit) or work-based certifications are available in all programs except for the Work-Based Learning program.

<u>Career Clusters</u>	<u>Grade</u>	<u>Prerequisite</u>
<b>Agriculture</b>		
Landscape Management and Horticulture Science	11-12	
<b>Architecture &amp; Construction</b>		
Construction Trades	11-12	
<b>Arts, AV Technology &amp; Communication</b>		
Visual Communications	11-12	
<b>Business &amp; Marketing and Information Technology</b>		
Computer Programming/Science	11-12	
Work Based Learning	12	Transportation, Teacher Approval
<b>Health Science</b>		
Health Science 1	11-12	
Health Science 2: Nursing (CNA)	12	Transportation, Teacher Approval
Health Science 2: Medical Assisting	12	
Health Science 2: Exercise Science	12	Transportation, 18 by March 15 <sup>th</sup>
Veterinary Careers	11-12	Transportation for 2 <sup>nd</sup> year students
Dental Careers	11-12	
Project Lead the Way: Biomedical Sciences	11-12	
<b>Hospitality &amp; Human Services</b>		
Culinary Arts & Hospitality Management	11-12	
Cosmetology	11-12	Transportation, selection process, mandatory 2-year program
<b>Manufacturing and Logistics:</b>		
Advanced Manufacturing	11-12	
Electronics & Computer Networking	11-12	
Computer Programming	11-12	
Precision Machine Technology	11-12	
Welding Technology	11-12	
<b>Public Service</b>		
Criminal Justice	11-12	
Fire & Rescue	11-12	17 by April 1 <sup>st</sup> , 1-year program
Emergency Medical Services	12	18 by April 1 <sup>st</sup>
<b>Transportation and Motor Sports Academy</b>		
Automotive Collision Repair Technology	11-12	
Automotive Services Technology	11-12	
Diesel Service Technology	11-12	
Aviation Operations	11-12	Transportation (pm only class), 1-year program
Aviation Maintenance Technology	12	Transportation

**\*\*Additional information about Central Nine Career Center (C9) is available at [www.central9.k12.in.us](http://www.central9.k12.in.us).\*\***

# ENGINEERING AND TECHNOLOGY EDUCATION DEPARTMENT

Engineering and Technology Education courses available to each grade level.

Grade 9 Courses	Grade 10 Courses	Grade 11 Courses	Grade 12 Courses
Introduction to Communications-1 (1 Semester)	Introduction to Communications-1 (1 Semester)	Introduction to Communications-1 (1 Semester)	Introduction to Communications-1 (1 Semester)
Introduction to Communications-2 (1 Semester)	Introduction to Communications-2 (1 Semester)	Introduction to Communications-2 (1 Semester)	Introduction to Communications-2 (1 Semester)
Introduction to Manufacturing (2 Semesters)	Introduction to Manufacturing (2 Semesters)	Introduction to Manufacturing (2 Semesters)	Introduction to Manufacturing (2 Semesters)
Introduction to Construction (2 Semesters)	Introduction to Construction (2 Semesters)	Introduction to Construction (2 Semesters)	Introduction to Construction (2 Semesters)
Introduction to Engineering Design (Dual Credit) (2 Semesters)	Introduction to Engineering Design (Dual Credit) (2 Semesters)	Introduction to Engineering Design (Dual Credit) (2 Semesters)	Introduction to Engineering Design (Dual Credit) (2 Semesters)
Civil Engineering and Architecture (Dual Credit) (2 Semesters)	Civil Engineering and Architecture (Dual Credit) (2 Semesters)	Civil Engineering and Architecture (Dual Credit) (2 Semesters)	Civil Engineering and Architecture (Dual Credit) (2 Semesters)
Digital Electronics (possible Dual Credit) (2 Semesters)	Digital Electronics (Dual Credit) (2 Semesters)	Digital Electronics (Dual Credit) (2 Semesters)	Digital Electronics (Dual Credit) (2 Semesters)
	Principals of Engineering (Dual Credit) (2 Semesters)	Principals of Engineering (Dual Credit) (2 Semesters)	Principals of Engineering (Dual Credit) (2 Semesters)

**Engineering and Technology Education provides students with the opportunity to explore technology through broad areas, which include: communication, manufacturing, and design. Students use tools, machines, and materials to produce a variety of products and participate in various related hands-on activities. Students are encouraged to explore as many of the clusters of technology as possible to provide them with a well-rounded technology education. For a student to continue beyond a first semester (systems class) in a technology cluster, a grade of “C” in that area is recommended.**

<u>Course</u>	<u>Grade</u>	<u>Prerequisite</u>
Introduction to Communications 1	9-12	Basic computer knowledge needed
Introduction to Communications 2	9-12	Intro to Communications 1 recommended
Introduction to Manufacturing	9-12	None
Introduction to Construction	9-12	None
<b>Project Lead the Way – Engineering Academy</b>		
Introduction to Engineering Design (Dual Credit)	9-12	None
Civil Engineering and Architecture (Dual Credit)	9-12	None
Principles of Engineering (Dual Credit)	10-12	Intro to Engineering or Civil Engineering
*Digital Electronics (possible Dual Credit)	9-12	Algebra I
*new course for '17-18		

**Introduction to Communications-1** 1 Semester / 1 Credit  
 Grades 9-12  
 Prerequisite – None (computer knowledge needed)  
 Introduction to Communications-1 is a project based course that specialized in learning to use modern communication technology to design and produce graphic messages. Students will work with and become proficient using Adobe Photoshop to create graphics and to edit photographs as well as Adobe Dream Weaver to design websites. Students will also get an introduction to product design using 3D CAD software. **This course is part of the “Web & Digital Communications” Pathway in the Business Department.**

**Introduction to Communications-2** 1 Semester / 1 Credit  
 Grades 9-12  
 Prerequisite – Intro to Communications 1 recommended (computer knowledge needed)  
 Introduction to Communications is a project based course that specializes in learning to use modern communication technology to design and produce graphic messages. Students will complete projects in photography, animation, and audio production and editing. **This course is part of the “Web & Digital Communications” Pathway in the Business Department.**

**Introduction to Construction** 2 Semesters / 2 Credits  
 Grades 9-12  
 Prerequisite – None  
 Introduction to Construction is a course that will offer hands-on activities and real world experiences related to the skills essential in residential, commercial, and civil building construction. During the course students will be introduced to the history and traditions of construction trades. The student will also learn and apply knowledge of the care and safe use of hand and power tools as related to each trade. In addition, students are introduced to blueprint reading, applied math, basic tools and equipment, and safety. Students will demonstrate building construction techniques, including concrete and masonry, framing, electrical, plumbing, dry walling, HVAC, and painting as developed locally in accordance with available space and technologies. Students learn how architectural ideas are converted into projects and how projects are managed during a construction project in this course. Students study construction technology topics such as preparing a site, doing earthwork, setting footings and foundations, building the superstructure, enclosing the structure, installing systems, finishing the structure, and completing the site. Students also investigate topics related to the purchasing and maintenance of structures, special purpose facilities, green construction, and construction careers.

**Introduction to Manufacturing** 2 Semesters / 2 Credits  
 Grades 9-12  
 Prerequisite - None  
 Introduction to Manufacturing is a course that specializes in how people use modern manufacturing systems with an introduction to manufacturing technology and its relationship to society, individuals, and the environment. An understanding of manufacturing provides a background toward developing engineering & technological literacy. Students will apply the skills and knowledge of using modern manufacturing processes.

## **Engineering Academy – Project Lead the Way:**

**Project Lead The Way:** PLTW is a four year sequence of courses which, when combined with college preparatory mathematics and science courses in high school, introduces students to the scope, rigor and discipline of engineering and engineering technology prior to entering college.

**Ivy Tech Community College awards transferable college credits (3 credit hours for each Engineering Academy class) for no cost.**

The following are the dual credit requirements:

- Student must complete the course with an 85% average
- Student must compile a course portfolio of his or her work
- Student must score at least 70% on the PLTW college examination

### **Introduction to Engineering Design (Elective)**

2 Semesters / 2 Credits \*Dual Credit

Grades 9-12

Prerequisite – Recommended C or better in Algebra I

This course is an introduction to problem solving with an emphasis placed on the development of three-dimensional computer models. Students will progress from sketching simple geometric shapes to applying a solid modeling computer software package to design real products. They will learn a problem solving design process and how it is used in industry to manufacture a product. **Students can also earn dual credit for this course through Ivy Tech.**

### **Principles of Engineering (Elective)**

2 Semesters / 2 Credits \*Dual Credit

Grades 10-12

Prerequisite – Introduction to Engineering Design or Civil Engineering and Architecture, Algebra II, and Geometry

*Principles of Engineering* helps students understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change. **Students can also earn dual credit for this course through Ivy Tech.**

### **Civil Engineering and Architecture (Elective)**

2 Semesters / 2 Credits \*Dual Credit

Grade 9-12

Prerequisite – None, Recommended C or better in Algebra I

*Civil Engineering and Architecture* provides an overview of the fields of Civil Engineering and Architecture, while emphasizing the interrelationship and dependence of both fields on each other. Students use state of the art software to solve real world problems and communicate solutions to hands-on projects and activities. **Students can also earn dual credit for this course through Ivy Tech.**

### **Digital Electronics (Elective)**

2 Semesters / 2 Credits

Grade 9-12

\*Possible Dual Credit

Prerequisite – Algebra I

Digital Electronics is a course of study in applied digital logic that encompasses the design and application of electronic circuits and devices found in video games, watches, calculators, digital cameras, and thousands of other devices. Instruction includes the application of engineering and scientific principles, as well as the use of Algebra to solve design problems. Using computer software that reflects current industry standards, activities will provide opportunities for students to design, construct, test, and analyze simple and complex digital circuitry. This course engages students in critical thinking and problem solving skills, time management, and teamwork skills.

# FAMILY AND CONSUMER SCIENCE DEPARTMENT (FACS)

FACS courses available to different grade levels.

Grade 9 Courses	Grade 10 Courses	Grade 11 Courses	Grade 12 Courses
Preparing for College and Careers (1 Semester)	Preparing for College and Careers (1 Semester)	Adult Roles and Responsibilities (1 Semester)	Adult Roles and Responsibilities (1 Semester)
Introduction to Fashion and Textiles 1 & 2 (2 Semesters)	Introduction to Fashion and Textiles 1 & 2 (2 Semesters)	Introduction to Fashion and Textiles 1 & 2 (2 Semesters)	Introduction to Fashion and Textiles 1 & 2 (2 Semesters)
Nutrition and Wellness 1 & 2 (2 Semesters)	Nutrition and Wellness 1 & 2 (2 Semesters)	Nutrition and Wellness 1 & 2 (2 Semesters)	Nutrition and Wellness 1 & 2 (2 Semesters)
Interpersonal Relationships (1 Semester)	Interpersonal Relationships (1 Semester)	Interpersonal Relationships (1 Semester)	Interpersonal Relationships (1 Semester)
	Introduction to Housing and Interior Design (1 Semester)	Introduction to Housing and Interior Design (1 Semester)	Introduction to Housing and Interior Design (1 Semester)
	Child Development (1 of 2 Semesters) Fall Semester Only	Child Development (1 of 2 Semesters) Fall Semester Only	Child Development (1 of 2 Semesters) Fall Semester Only
	Advanced Child Development (1 of 2 Semesters) Spring Semester Only	Advanced Child Development (1 of 2 Semesters) Spring Semester Only	Advanced Child Development (1 of 2 Semesters) Spring Semester Only
	Advanced Nutrition and Wellness 1 & 2 (2 Semesters)	Advanced Nutrition and Wellness 1 & 2 (2 Semesters)	Advanced Nutrition and Wellness 1 & 2 (2 Semesters)
		Advanced Life Science: Foods 1 & 2 (2 Semesters)	Advanced Life Science: Foods 1 & 2 (2 Semesters)

<b>Course</b>	<b>Grade</b>	<b>Prerequisite</b>
Adult Roles and Responsibilities	11-12	None
Advanced Child Development	10-12	Child Development
Advanced Nutrition and Wellness 1-2	10-12	Nutrition & Wellness 1-2
Advanced Life Science: Foods 1-2	11-12	Nutrition & Wellness 1-2, Advanced Nutrition & Wellness 1-2, Biology, Chemistry, Physics
Child Development	10-12	None
Introduction to Fashion and Textiles 1-2	9-12	None
Introduction to Housing and Interior Design	10-12	None
Interpersonal Relationships	9-12	None
Nutrition and Wellness 1-2	9-12	None
Preparing for College and Careers	9-12	None

### **Adult Roles and Responsibilities**

1 Semester / 1 Credit

Grades 11-12

This course is recommended for all students regardless of career cluster or pathway, in order to build skills needed for assuming the roles and responsibilities they will encounter as they prepare to complete high school and enter the adult world. Knowledge, skills, attitudes, and behaviors students will need as they prepare to take the next steps toward adulthood in today's ever-changing society are developed throughout this course. Topics include living independently and family formation; analysis of personal standards, needs, aptitudes and goals; integration of family, community and career responsibilities; consumer choices and decision making related to nutrition and wellness, clothing, housing, and transportation; financial responsibility and management of financial resources; and relationship of technology and environmental issues to family and consumer resources. This course provides the foundation for continuing and post-secondary education in all career areas related to individual and family life. This course is one course in a series of three Family and Consumer Sciences courses that can be taken to meet the Health and Safety/Wellness one-credit requirement and this course meets the state requirement for personal financial responsibility. (See note at end of FACS section.)

### **Advanced Child Development**

1 Semester / 1 Credit

Grades 10-12 (Offered Spring Semester ONLY)

Prerequisite – Child Development

Advanced Child Development is the second course in a series that strengthens the foundation established in Child Development, which is a prerequisite. This course is especially relevant for students interested in careers that require knowledge of the development and nurturing of children. Advanced Child Development addresses issues of the development of children age 4 through age 8. This course includes the study of professional and ethical issues in child development and best practices are explored for optimum child growth, development, health, and wellness. Foundational knowledge of child development theories and research will be expanded from the Child Development course in this advanced course. Support systems for parents and caregivers will also be addressed. This course provides the foundation for continuing and post-secondary education in all career areas related to children, child development, and nurturing of children.

### **Advanced Life Science: Foods 1-2**

2 Semesters / 2 Credits

Grades 11-12

Prerequisite – Nutrition and Wellness 1-2, Advanced Nutrition and Wellness 1-2, Biology, Chemistry (preferred), or Physics

This sequential course of two semesters, integrates biology, chemistry, and microbiology in the context of foods and the global food industry. Students enrolled in this course participate in laboratory experiences, and conduct food-based investigations and experiments. Students will understand how the science principles of biology, chemistry, and physics apply to the composition and nutrition of foods, and food and food product development including processing, safety, sanitation, packaging, and storage. Students completing this course will be able to apply the principles of scientific inquiry to solve problems related to biology, chemistry, and physics in the context of highly advanced industry applications of foods. Laboratory experiences are required in this course. These semester courses must be scheduled consecutively and these credits fulfill science credit requirements.

### **Advanced Nutrition and Wellness 1-2**

2 Semesters / 2 Credits

Grades 10-12

Prerequisite – Recommended C or better in Nutrition and Wellness 1-2

Advanced Nutrition and Wellness is a two semester course that builds on the foundation established in Nutrition and Wellness, which is a prerequisite. The Advanced Nutrition and Wellness course addresses complex concepts in nutrition and foods, focusing on economic, social, cultural, and global issues of foods. Topics include an extensive study of major nutrients and nutritional standards across the life span; influences on nutrition/food choices; community and world food concerns; impacts of technology on nutrition; foods and related tools and equipment; and exploration of careers in the food industry. Laboratory experiences, which emphasize advanced food preparation techniques and applications, are a primary focus of this course. Students will complete a comparison of nutritional foods proven favorable for one's optimum health compared to monotonous diets based on processed foods. This course is recommended for all students with an interest in improving their nutritional status and learning how nutrients affect the body across the life span. Advanced Nutrition and Wellness is an especially appropriate course for students interested in careers in the medical field, fitness/athletic training, dietetics, and physical therapy. This course is the second in a sequence of courses that provide a foundation for continuing and post-secondary education in all career areas related to food, nutrition, and wellness. These semester courses must be scheduled consecutively.

### **Child Development**

1 Semester / 1 Credit

Grades 10-12 (Offered Fall Semester ONLY)

Child Development is an introductory course that is especially relevant for students interested in careers that require knowledge of the development and nurturing of children. This course is the first of two sequential courses and is the prerequisite for Advanced Child Development. Child Development addresses the knowledge, skills, attitudes, and behaviors associated with promoting optimal growth and development of infants and children through age 3. Human sexuality and adolescent pregnancy are explored in relation to the affect recognized on a developing child. Prenatal development, preparation for birth, and the birth process are also explored. Meeting the physical, social, emotional, intellectual, moral and cultural growth and developmental needs of infants and children is a primary focus of the course. Child development theories, research and best practices will be introduced. The impacts of special conditions affecting children, heredity, environment, and family and societal crisis on the development of the child are also analyzed and evaluated. Meeting children's needs for food, clothing, shelter, and care giving; caring for children with special needs; parental resources, services, and agencies; and career awareness are additional topics of investigation. This course provides the foundation for continuing and post-secondary education in all career areas related to children, child development, and nurturing of children. Child Development is one course in a series of three Family and Consumer Sciences courses that can be taken to meet the Health and Safety/Wellness one-credit requirement. (See note at end of FACS section.)

### **Interpersonal Relationships**

1 Semester / 1 Credit

Grades 9-12

Interpersonal Relationships addresses the knowledge, skills, attitudes, and behaviors all students need to participate in positive, caring, and respectful relationships in the family and with individuals at school, in the community, and in the workplace. This is an introductory course that is especially relevant for students interested in careers that involve interacting with people. Topics include components of healthy relationships, roles and responsibilities in relationships (e.g. power, conflicting interests, peer pressure, life events); and establishing and maintaining relationships. Building self-esteem and self-image through healthy relationships is explored. A primary focus of the course is communication styles and techniques for effective communication and the impact of these elements on relationships. Ways of preventing and managing stress and conflict are analyzed and evaluated. Class discussion, group activities, individual assignments and projects are utilized throughout the course to better assist students in applying the principles of positive personal development and interpersonal growth to their individual lives. Other course topics include leadership, teamwork and collaboration; conflict prevention, resolution, and management; exploration of individual needs and characteristics and their impacts on relationships; addressing violence and abuse; and related family resources, services and agencies. This course provides the foundation for continuing and post-secondary education in all career areas that involve interacting with people both inside and outside of a business/organization, including team members, clients, patients, customers, and the general public. This course is one course in a series of three Family and Consumer Sciences courses that can be taken to meet the Health and Safety/Wellness one-credit requirement. (See note at end of FACS section.)

### **Introduction to Fashion and Textiles 1-2**

2 Semesters / 2 Credits

Grades 9-12

Introduction to Fashion and Textiles is a two-semester course with particular relevance for those students interested in academic enrichment or a career in the fashion, textile, and apparel industry. Introduction to Fashion and Textiles addresses basic knowledge and skills related to design, production, acquisition, and distribution in the fashion, textile, and apparel arena including the factors influencing the merchandising and selection of fashion, textile, and apparel goods and their properties, design, and production. Students will operate a sewing machine and experience basic construction and alteration techniques while practicing care and maintenance of textile products, equipment, and tools used in the industry. Students will also explore the impact of technology as it relates to fashion, textile, and apparel. Topics include the social, psychological, cultural and environmental aspects of clothing and textiles selection. The influences on clothing choices will be investigated and students will discover the messages often conveyed through one's appearance. Fashion cycles, fashion influences, and fashion trends are explored and clothing styles are analyzed and evaluated according to color schemes, design elements, design principles, and fashion components. Laboratory experiences including the construction of multiple projects are required. This course provides the foundation for continuing and post-secondary education in fashion, textile, and apparel-related careers. Students must schedule these semesters consecutively. **\*This course counts toward the Fine Arts credit requirement for the Core 40 with Academic Honors diploma.**

### **Introduction to Housing and Interior Design 1**

1 Semester / 1 Credit

Grades 10-12

Introduction to Housing and Interior Design is an introductory course essential for those students interested in academic enrichment or a career within the housing, interior design, or furnishings industry. This course addresses the selection and planning of designed spaces to meet the needs, wants, values and lifestyles of individuals, families, clients, and communities. Housing decisions, resources and options will be explored including the factors affecting housing choices and the types of housing available. Developmental influences on housing and interior environments will also be considered. Historical architectural styling and basic furniture styles will be explored as well as identification of the elements and principles of design. Students develop skills in design and space planning including evaluating floor plans and reading construction documents while learning to create safe, functional, and aesthetic spaces. Skills creating pleasing interior environments using the color wheel and color harmonies will be promoted. Presentation techniques will be practiced to thoroughly communicate design ideas. Visual arts concepts will be addressed. Direct, concrete mathematics proficiencies will be applied. A project-based approach will be utilized as housing and interior design content is integrated into the design of interior spaces while meeting specific project criteria. This course provides the foundation for continuing and post-secondary education and careers in the architecture, construction, housing, interior design, and home furnishings industries. **\*This course counts toward the Fine Arts credit requirement for the Core 40 with Academic Honors diploma.**

**Nutrition and Wellness 1-2**

2 Semesters / 2 Credits

Grades 9-12

Students in Nutrition and Wellness explore the lifelong benefits of sound nutrition and wellness practices over a lifetime and are empowered to apply these principles in their everyday lives. This is a two semester introductory course valuable for all students as a life foundation and academic enrichment, but is especially relevant for students interested in careers related to food, nutrition and wellness.

Topics include: making healthy choices that promote optimum growth and development; physical, social, and psychological wellness; importance of physical activity and fitness; and selection and preparation of nutritious meals and snacks based on USDA Dietary Guidelines. Students also explore safety, sanitation, and storage issues associated with foods, nutrition, and wellness. Career exploration is included as it relates to nutrition, food preparation, and health and wellness. Basic laboratory experiences, which emphasize both nutrition and wellness practices and basic food science, are a primary focus and a required element in this course. These semester courses must be scheduled consecutively. Nutrition and Wellness is the first in a sequence of courses, followed by Advanced Nutrition and Wellness, that provides a foundation for continuing and post-secondary education in all career areas related to food, nutrition, and wellness. This course is one course in a series of three Family and Consumer Sciences courses that can be taken to meet the Health and Safety/Wellness one-credit requirement. (See note at end of FACS section.)

**Preparing for College and Careers**

1 Semester / 1 Credit

Grades 9-12

Preparing for College and Careers addresses the essential knowledge, skills, and behaviors all students need to be prepared for success in college, career, and life. The impact of today's choices on tomorrow's possibilities is the focus of this course. Topics to be addressed include exploration of personal aptitudes, interests, values, and goals; life and career exploration and planning; examining multiple life roles and responsibilities as individuals and family members; planning and building employability skills; transferring school skills to life and work; decision making and organizational skills; and managing personal resources. Developing a Ten-Year Academic/Career Plan (high school schedule and beyond) is a required component of the course. Preparing for College and Careers includes reviewing the 16 national career clusters and Indiana's College and Career Pathways. One or more pathways will be investigated in-depth as graduation plans are evaluated, career plans developed, and personal and career portfolios created. This course is one course in a series of three Family and Consumer Sciences courses that can be taken to meet the Health and Safety/Wellness one-credit requirement. (See note at end of FACS section.)

**511 IAC 6-7-6 (4): Health and Safety Credit**

The Health and Safety/Health and Wellness one-credit requirement is fulfilled for a student if the student's program includes three (3) credits from the following Family and Consumer Sciences courses: (A) Child Development (B) Personal Financial Responsibility (C) Interpersonal Relationships (D) Nutrition and Wellness (E) either Preparing for College and Careers or Adult Roles and Responsibilities.



# LANGUAGE ARTS DEPARTMENT

Language Arts courses available to different grade levels.

## REQUIRED COURSES

## ELECTIVE COURSES

**GRADE 9**

English 9  
Or  
Pre-AP English 9  
(Required)

Creative  
Writing

Speech

Mass Media

Journalism

**GRADE 10**

English 10  
Or  
Pre-AP English 10  
(Required)

Creative  
Writing

Speech

Advanced  
Speech

Mass Media

Journalism

Linguistics

Student Publications:  
Newspaper or  
Yearbook (Selected)

Library Media I  
(Selected)

**GRADE 11**

English 11  
Or  
AP English 11  
(Required)

Creative  
Writing

Speech

Advanced  
Speech

Mass Media

Journalism

Linguistics

Student Publications:  
Newspaper or  
Yearbook (Selected)

Library Media I  
and II  
(Selected)

Radio & TV/WRFT  
(Selected)

**GRADE 12**

English 12  
Or  
AP English 12  
(Required)

Creative  
Writing

Speech

Advanced  
Speech

Mass Media

Journalism

Linguistics

Student Publications:  
Newspaper or  
Yearbook (Selected)

Library Media I  
and II  
(Selected)

Radio & TV/WRFT or  
FCTV  
(Selected)

**English 9 through 12 are required for graduation. English 9, 10, 11, 12 are full one-year courses which integrate the study of literature, composition, and grammar.**

**English Pre-AP and AP courses require students to complete a summer reading list. The reading lists are included in the course descriptions.**

<u>Course</u>	<u>Grade</u>	<u>Prerequisite</u>
English 9	9	None
Pre-AP English 9	9	Recommended A or B in 8 <sup>th</sup> grade English
English 10	10	English 9
Pre-AP English 10	10	English 9 or Pre-AP English 9
English 11	11	English 10
English 11 AP	11	English 10 or Pre-AP English 10
English 12	12	English 11
English 12 AP	12	English 11 or English 11 AP
English as a New Language	9-12	Test, Levels 1-3
Creative Writing	9-12	None
Linguistics	10-12	None
Speech	9-12	None
Advanced Speech	10-12	Speech
Journalism	9-12	None
Mass Media	9-12	None
Student Publications (Newspaper)	10-12	Journalism "C" average, Selected (application required)
Student Publications (Yearbook)	10-12	Selected (application required)
Library Media I and II	10-12	Selected
Radio & TV I/WRFT	11-12	Mass Media, Selected
Radio & TV II/FCTV	12	Mass Media, Selected

**Creative Writing (Elective)**

1 Semester / 1 Credit

Grades 9-12

This creative writing course teaches the student how to kick-start the creative writing process, tap into one's imagination, draw from everyday experiences and memories, give structure to one's writing, and use character and dialogue. Students will work alone and with other students, will learn to focus their talent, skills, and energy, and will learn to critique their own work. Students will learn how to pen different types of creative writing such as vignettes, fractured fairy tales, mystery, comedy sketches, parodies, satires, poetry, nonfiction poetry, play scripts, historical fiction, and diary entries.

**English 9**

2 Semesters / 2 Credits

Grade 9

English 9 is a one-year course in the CORE 40 English curriculum which is required for all incoming freshmen seeking high school diplomas. The majority of students enrolled in this course plan to go on to a four-year college or university, a vocational/technical school, or the military. This course seeks to integrate the study of literature, composition, and grammar.

**Pre-AP English 9**

2 Semesters / 2 Credits

Grade 9

English 9 Pre-Advanced Placement is a course designed to expand upon the college-bound English 9 curriculum. Students will study a more expansive variety of genres and authors with an emphasis on a more in-depth analysis of said authors. A major emphasis of this class is to improve student writing across the curriculum through the inclusion of a variety of writing styles. Audience and purpose will be addressed. Summer reading required for all students who will take this class: *To Kill a Mockingbird* by Harper Lee and *Lord of the Flies* by William Golding. **These books are required to be read prior to school starting in August.**

**English 10**

2 Semesters / 2 Credits

Grade 10

Prerequisite - English 9

English 10 is a one-year course in the CORE 40 English curriculum which seeks to integrate the study of composition, grammar, speaking and listening skills, world literature, and young-adult literature.

**Pre-AP English 10**

2 Semesters / 2 Credits

Grade 10

Prerequisite - Successful completion of English 9 or English 9 Pre AP.

This course is designed to prepare students to work more efficiently toward a goal of gaining advanced skills in language usage. A summer reading list prior to the beginning of the fall semester will be required. The following book is required summer reading: *As You Like It* by William Shakespeare. The summer reading is required to be completed before the first week of school. The course will present a challenging, college prep curriculum, and an excellent opportunity for students to gain a more accomplished understanding of the English language.

<p><b>English 11</b> Grade 11 Prerequisite - English 10 English 11 is a one-year course in the CORE 40 English curriculum which is designed for students who have experienced success in the English program at the sophomore level. The majority of students plan to attend some post-secondary school such as a four-year college, vocational/technical school, or the military. The course seeks to integrate the study of literature, composition, and grammar and requires a research project often in collaboration with other disciplines.</p>	2 Semesters / 2 Credits
<p><b>English 11AP: Advanced Placement/Language and Composition</b> Grade 11 Prerequisite - Successful completion of English 10 or 10 Pre AP The purpose of AP Language and Composition is to help students "write effectively and confidently in their college courses across the curriculum and in their professional and personal lives" (The College Board, <i>AP English Course Description</i>, p. 6). Students are expected to read critically, think analytically, and communicate clearly in both writing and speech. Students will become mature and sophisticated consumers and creators of a variety of texts. By the end of the course, students will understand: what they read, how a text is created, the relationship of the text's creation to its accomplishment, and how to create, develop, and support their own arguments. <b>AP Language and Composition requires one text to be read in the summer prior to school starting in August. This text is Stephen King's <i>On Writing</i>. While other texts will be studied during the course of the year, they are not part of the summer reading requirement. Students signing up for the class are required to take the AP exam in May.</b></p>	2 Semesters / 2 Credits
<p><b>English 12</b> Grade 12 Prerequisite - Successful completion of English 9 through 11 These senior-level courses are designed to further develop skills in oral and written communication. Preparation for Language Proficiency skills required for the college level is an underlying focus. Emphasis is placed upon narrative, expository, descriptive, and persuasive writing. The study of English literature is included.</p>	2 Semesters / 2 Credits
<p><b>English 12AP: Literature and Composition</b> Grade 12 Prerequisite - Successful completion of English 11 or 11AP This is a college-level course, and students can, by successful completion of the Advanced Placement Exam administered in May, obtain up to one year of college credit in English. The course includes both the reading and analysis of discursive prose and the study of the process of writing from the discovery of the topic, to the preliminary drafts, to the final edited edition. Students will study examples of prose and poetry from various fields and periods primarily in English from. Students taking this course are required to read the following during the summer before the start of school: <i>How to Read Literature Like a Professor: Revised Edition</i>, by Thomas C. Foster and <i>All the Pretty Horses</i>, by Cormac McCarthy. In-session reading will include, but is not limited to the following: <i>Hamlet</i>, <i>The Inferno</i>, <i>Frankenstein</i>, <i>Heart of Darkness</i>, and <i>Kite Runner</i>. <b>Students signing up for the class are required to take the AP exam in May.</b></p>	2 Semesters / 2 Credits
<p><b>English as a New Language</b> Grades 9 - 12 Prerequisite – Placement by test. English as a New Language provides non-English speaking students with instruction in English which would improve their proficiency in listening, speaking, reading, and writing in English. Emphasis is placed on helping students function within the regular school setting and within an English-speaking society.</p>	1 credit per semester
<p><b>Linguistics (Elective)</b> Grades 10 - 12 Linguistics is the study of language structures that enable humans to communicate. Students will examine semantics (word meanings and relationships), syntax (the arrangement of words), morphology (the formation of words by part), phonology (the study of sounds in language), sociolinguistics (society and language related), and etymology (the origin of words and how they have changed through time). This course stresses increased vocabulary and precision of language. It is designed for the college-bound student and may be used to improve verbal scores on the SAT/ACT. It is intended for students who have demonstrated a willingness to commit considerable time to studying and completing assignments both inside and outside of class. The course will also include vocabulary building and enrichment activities through the use of projects, research, and in-class review exercises.</p>	1 Semester / 1 Credit
<p><b>Speech (Elective)</b> Grades 9 - 12 Prerequisite - None Speech is a one-semester elective which is offered to students in grades 9-12 who wish to gain experience in the art of public speaking. With no prerequisites, this is a course designed to give introductory information and beginning practice in various speech activities. Included is public speaking, listening skills, researching skills, evaluating speeches, and oral interpretation of literature.</p>	1 Semester / 1 Credit
<p><b>Advanced Speech (Elective)</b> Grades 10 - 12 Prerequisite - Speech This course will include the principles of parliamentary procedure, formal discussion, debate, and a trial reenactment. The various types, terms, and techniques of each discipline will be experienced through regular classroom exercises.</p>	1 Semester / 1 Credit

**Journalism (Elective)**  
Grade 9-12

1 Semester / 1 Credit

Journalism is a one semester class for students in grades 9-12. The prerequisite is a C average in English. Journalism is required for joining the *Pilot Flashes* staff. Journalism provides students with the opportunity to improve their writing skills in the specialized field of newspaper publishing. Students will create a portfolio of journalistic writing, including news, feature, sports, and editorial articles. Students will also analyze and discuss both professional and student media for ethical and design concerns. The writing process is emphasized, as students use self and peer editing and teacher conferencing to revise work. The course will also cover research and interviewing techniques, AP style, headline and lead writing, and other topics to prepare students for positions on the school newspaper.

**Library Media I and II**

2 Semesters/ 2 Credits

Grades 10 - 12 (Selected by Media Center)

Library Media provides instruction and practice in using procedures based upon library science and information science theory. Emphasis is placed on the knowledge of specific organizational systems, standardized records, and database research. Creativity is encouraged for the use of book promotion.

**Mass Media**

1 Semester / 1 Credit

Grades 9 - 12

This course provides a study of print, radio, television, digital and social media, and advertising as sources of information, persuasion, and creative expression. Students create their own media productions. They become more aware of audience and purpose in the evaluation of mass media. They learn to judge media critically and understand the use of persuasive language strategies. Public speaking skills are emphasized and students receive an opportunity to prepare projects for use on **WRFT**, the school radio station. This course is required of any student who wishes to join the **WRFT** radio staff.

**Radio & TV I/WRFT**

2 Semesters / 2 Credits

Grades 11-12

Prerequisite – Mass Media, selected

91.5 FM, is a radio station licensed to the Franklin Township Community School Corporation. Students on the radio staff are called upon to demonstrate many skills, including written composition, speaking, news gathering, sports broadcasting, interviewing, technical aptitude, and a wide range of personal qualities (self-motivation, cooperation with others, punctuality, ability to assume responsibility, etc.) Those who succeed will enjoy a great deal of personal satisfaction from the knowledge that the school and community have been served while at the same time many valuable communication skills have been developed. **Radio & TV I (WRFT) is offered as a dual credit option through University of Southern Indiana. Please consult the teacher at the beginning of the school year if you are interested in this opportunity.**

**Radio & TV II/FCTV**

2 Semesters / 2 Credit

Grade 12

Prerequisite – Mass Media, selected

This course is the study of television broadcasting. Students develop skills in pre-production planning, production techniques, post-production editing and distribution of television programming. Students enrolled in this course produce original programming for FCTV daily announcements. Video II will require individual projects which will afford students the opportunity to further develop their skills, and to build a personal portfolio of video work as well as produce interviews and special features for *Franklin Township Community Ties* which airs on the cable educational channel throughout Marion County. **Radio & TV II (FCTV) is offered as a dual credit option through University of Southern Indiana. Please consult the teacher at the beginning of the school year if you are interested in this opportunity.**

**Student Publications (Newspaper) (Elective)**

2 Semesters / 2 Credits

Grades 10 – 12

Prerequisite - Journalism, "C" average in English, selected

Publications (Newspaper) is a course offered to students in grades 9 -12 who have successfully completed Journalism and who have a "C" average in English. The course is designed for serious students of journalism who desire the practical experience of planning and producing the school newspaper, the *Pilot Flashes*. Students must apply for this class and, based on past performance in journalism, are selected by the newspaper advisor only.

**Student Publications (Yearbook) (Elective)**

2 Semesters / 2 Credits

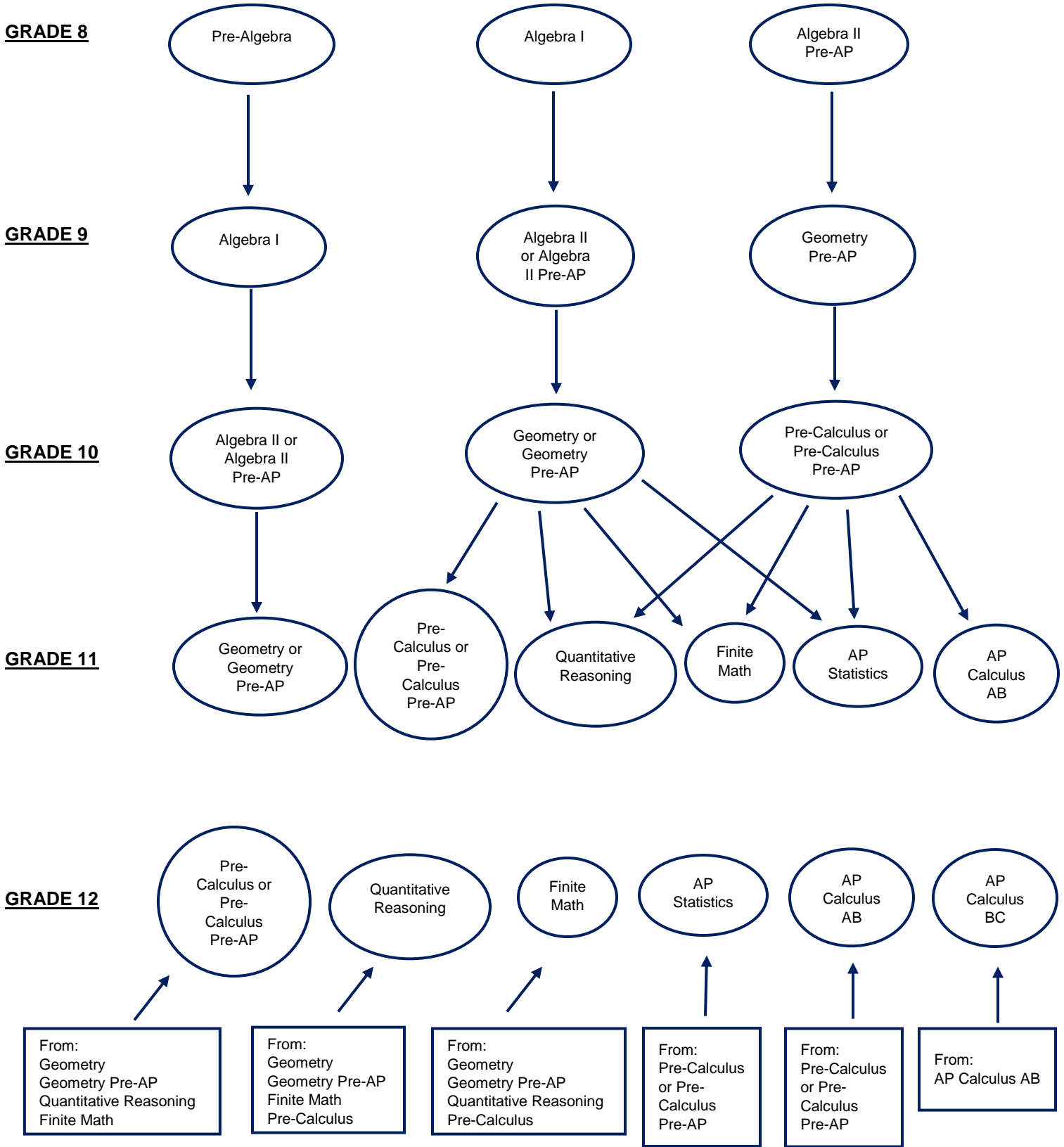
Grades 10 – 12

Prerequisite - Selected

Publications (Yearbook) is an English elective designed for the serious student who desires the practical experience of producing the high school yearbook. Enrollment in this course is by permission of the yearbook sponsor only and is based on the student's past academic performance and the recommendation of other English teachers.

# MATHEMATICS DEPARTMENT

Math courses available to different grade levels.



The Math Department offers courses in an exact sequence. Students must be successful (earn a passing grade) in order to advance to the next course *each semester*. A student will be required to repeat the course in the following semester or summer school if a failing grade is earned. Student placement in second semester of the freshman year is based on performance in the first semester and teacher recommendation. Additional course work may be required based on student need as identified by the teacher.

<u>Course</u>	<u>Grade</u>	<u>Prerequisite</u>
Algebra I	9-12	None
Algebra I Lab	9	Placement
Algebra II	9-12	Algebra I
Algebra II Pre AP	9-10	A or B in Algebra I recommended
Geometry	9-12	Algebra I, Algebra II
Geometry Pre AP	9-11	Algebra I, A or B in Pre-AP Algebra II recommended
Pre-Calculus/Trigonometry	10-12	Algebra I, Algebra II, and Geometry
Pre-Calculus/Trigonometry Pre AP	10-12	Algebra I, A or B in Pre-AP Algebra II and Geometry recommended
Calculus AB AP	11-12	Pre-Calculus Pre-AP, or A or B in Pre-Calculus recommended
Calculus BC AP	12	Calculus AB AP
Statistics AP	11-12	Algebra I, Algebra II, and Geometry
Finite Mathematics	11-12	Algebra I, Algebra II, and Geometry
Quantitative Reasoning	11-12	Algebra I, Algebra II, and Geometry

### Algebra I

Grades 9-12 2 Semesters / 2 Credits

Prerequisite - None

The focus of this course is the fundamental concepts of algebra. The course will begin with a review of the order of operations. First semester topics include solving equations and inequalities, solving word problems, and writing equations and graphing linear functions. Second semester topics include operations with polynomials, including factoring, systems of equations, operations with radical expressions, and quadratic functions.

### Algebra I Lab

Grade 9 (Placement only) 2 Semesters / 2 Credits

This course is taught in conjunction with the Algebra I course. It is an elective credit, not a math credit. The teacher will reinforce skills taught in the Algebra I course. Students are placed in this course based on standardized test scores and 8<sup>th</sup> grade math performance.

### Algebra II

Grades 9-12 2 Semesters / 2 Credits

Prerequisite - Algebra I

Taking Algebra II and Geometry concurrently should only be done by those with an A/B average in Algebra I. This course continues the study of Algebra. New topics are linear programming, the absolute value function, greatest integer function, logarithms, higher degree equations, systems of quadratic equations, and conic sections.

### Algebra II Pre AP

Grades 9-10 2 Semesters / 2 Credits

Prerequisite - A or B in Algebra I is recommended.

This course continues the student's study of advanced algebraic concepts including functions, imaginary and complex numbers, polynomials, quadratics, rational expressions, systems of functions and inequalities, logarithms, conic sections, and matrices. Students will be expected to describe and translate among graphic, algebraic, and numeric representations of relations and use those representations to solve problems. Emphasis will be placed on practical applications and modeling. Appropriate technology, from manipulatives to calculators will be used regularly for instruction and assessment. Pre-AP Algebra II is intended to be more challenging than regular Algebra II and provide multiple opportunities for students to take greater responsibility for their learning. This course should be distinguished by a difference in the quality of the work expected rather than merely by the quantity of the work required.

### Geometry

Grades 10-12 2 Semesters / 2 Credits

Prerequisite - Algebra II

This course acquaints the student with lines, planes, triangles, circles, squares, rectangles, parallelograms, trapezoids, rhombi, and other polygons. Two column proofs are studied. The computation of areas and volumes is also covered along with a basic introduction to trigonometry.

### Geometry Pre AP

Grades 9-11 2 Semesters / 2 Credits

Prerequisite - A or B in Pre AP Algebra II is recommended.

This course includes all the concepts taught in Geometry; however, it focuses heavily on proofs and application problems, especially when discussing triangles and trigonometry. Material is covered at a faster pace and no manipulatives, such as formula sheets, foldables, etc. are used on exams. As with all Pre-AP courses, retakes and practice exams are also not given.

**Pre-Calculus/Trigonometry**

2 Semesters / 2 Credits

Grades 10-12

Prerequisite - Algebra I, Algebra II, and Geometry

First semester is the study of trigonometry. Trigonometry is the study of triangles. Topics discussed are solving right triangles and their word problems, graphs of the six trig functions and their inverses, solving oblique triangles, the trig identities, solving trig equations and the unit circle. Second semester reviews the conic sections and introduces the graphing of rational, exponential, logarithmic, and parametric functions, graphing of polar equations, and problems with series and sequences. **Graphing calculator is required.**

**Pre-Calculus/Trigonometry Pre AP**

2 Semesters / 2 Credits

Grades 10-12

Prerequisite - "C" or better in Algebra II Pre AP or "A" in Algebra II is recommended.

The main objective of this course is to prepare students for AP Calculus. The pace of the course is much quicker than regular Pre-Calculus. Exams include heavy application of concepts. Students will be asked to apply knowledge to new situations on an exam...modeling the AP Calculus exam. Most exams will include a writing piece. Calculator usage is taught in depth. Students are expected to use their calculator to check assignments as well as to help them model and solve problems. **A graphing calculator is required for the course** and the TI-84 edition is recommended.

**Calculus AB Advanced Placement**

2 Semesters / 2 Credits

Grades 11-12

Prerequisite - "C" or better in Pre-Calculus Pre AP or "A" in Pre-Calculus is recommended. This course will prepare students for the College Board's Advanced Placement exam for Calculus AB. **Students signing up for this class are required to take the AP exam in May. Graphing calculator is required.**

**Calculus BC Advanced Placement**

2 Semesters / 2 Credits

Grade 12

Prerequisite- Calculus AB. This course will include the topics of calculus along with the study of polynomial approximations and series, series of constants and Taylor series. Students will be prepared for the College Board's Advanced Placement exam for BC calculus.

**Students signing up for this class are required to take the AP exam in May. Graphing calculator is required.**

**Statistics Advanced Placement**

2 Semesters / 2 Credits

Grades 11-12

Prerequisite – Algebra I, Algebra II and Geometry

This course is an introduction to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. 80% of all college programs require some form of Statistics course work. This class will prepare students by teaching them the basics of Statistics. Topics that will be included are: methods of data collection, organization of data, and graphical techniques for exhibiting data together with measures of central tendency and variation. Basic laws of probability, sampling theory, hypothesis testing, and making inferences from samples will be included.

**Students signing up for this class are required to take the AP exam in May. Graphing calculator is required.**

**Finite Mathematics**

2 Semesters / 2 Credits

Grades 11-12

Prerequisite – Algebra I, Algebra II and Geometry

This course studies several theories of mathematics, including matrix theory and determinants, graph theory and color mapping, game theory, election theory, estate division, linear programming and a basic introduction to probability theory. Finite Mathematics takes these theories and techniques and applies them to our society. It looks at how businesses make decisions, social choice, how elections are operated, how mathematics is applied to competition, and how to organize data. Finite Mathematics is structured for those students interested in majoring in Business, Accounting, Social Sciences, or Liberal Arts.

**Quantitative Reasoning**

2 Semesters / 2 Credits

Grades 11-12

Prerequisite – Algebra I, Algebra II, and Geometry

This course is focused on the study of numeracy, ratio, and proportional reasoning, modeling, probabilistic reasoning to assess risk, and statistics.

Personal finance and investing money will also be major topics of the course. Students build knowledge of and confidence with basic mathematical/analytical concepts and operations required for problem solving, decision making, and economic productivity in real world applications and prepare for an increasingly information-based society in which the ability to use and critically evaluate information, especially numerical information, is essential. Technology, such as computers and graphing calculators, should be used frequently.

# PERFORMING AND VISUAL ARTS DEPARTMENT

<u>Course</u>	<u>Grade</u>	<u>Prerequisite</u>
<b>Orchestra</b>		
Beginning Orchestra-Concert Orchestra	9-12	Previous Orchestra experience
Intermediate Orchestra-Philharmonic Orchestra	9-12	Audition
Advanced Orchestra-Symphony Orchestra	9-12	Audition
<b>Band</b>		
Instrumental Ensemble-Percussion Symphony	9-12	Previous Band experience
Beginning Concert Band-Concert Band	9-12	Audition
Intermediate Concert Band-Symphonic Band	9-12	Audition
Advanced Concert Band-Wind Ensemble	9-12	Audition
Jazz Ensemble	9-12	Audition
<b>Choral Music</b>		
Beginning Chorus-Women-Harmonia & Concordia	9-12	None
Beginning Chorus-Men-Vocal Majority	9-12	None
Intermediate Chorus-Women-Varsity	10-12	Audition
Intermediate Chorus-Mixed-Encores	9-12	Audition
Advanced Chorus-Mixed-FC Singers	9-12	Audition
Advanced Chorus-Women-High Voltage	9-12	Audition
Choral Chamber Ensemble-Mixed-Chamber Choir	10-12	Int. or Adv. Chorus and Audition
Choral Chamber Ensemble- Women-Accents	10-12	Int. or Adv. Chorus and Audition
<b>Music History and Theory</b>		
Music History & Appreciation	9-12	None
Introduction to Music Theory and Composition	9-12	None
AP Music Theory & Composition	10-12	Teacher Approval
<b>Theatre Arts</b>		
Theatre Arts I	9-12	None
Theatre Production I	10-12	Theatre Arts I and Teacher Approval
Technical Theatre I	10-12	Theatre Arts I and Teacher Approval
Advanced Technical Theatre	10-12	Theatre Arts I and Teacher Approval
<b>Visual Arts</b>		
<b>AP Art Courses</b>		
Art History AP	10-12	None
AP Studio- 2D Design	11-12	2 Years of Art and Teacher Approval
AP Studio- 3D Design	11-12	2 Years of Art and Teacher Approval
AP Studio- Drawing	11-12	2 Years of Art and Teacher Approval
<b>Two-Dimensional Art Courses</b>		
Intro to 2-D Art	9-12	None
Advanced 2-D Art	10-12	Intro to 2D Art – C or better
Advanced 2-D Art 2	11-12	Adv. 2D Art and Teacher Approval
Advanced 2-D Art 3	12	Adv. 2D Art 2 and Teacher Approval
<b>Three-Dimensional Art Courses</b>		
Intro to 3-D Art	9-12	None
Ceramics 1	10-12	Intro to 3D Art – C or better
Ceramics 2	11-12	Ceramics 1 and Teacher Approval
Ceramics 3	12	Ceramics 2 and Teacher Approval
Sculpture 1	10-12	Intro to 3D Art – C or better
Sculpture 2	11-12	Sculpture 1 and Teacher Approval
Sculpture 3	12	Sculpture 2 and Teacher Approval

## Orchestra

### **Beginning Orchestra – Concert Orchestra**

2 Semesters / 2 Credits

Grades 9-12

Prerequisite: Previous Orchestra Experience

This orchestra will be rooted in the fundamentals and technique of performing in a music ensemble. Students will also begin to develop skills and artistry in musical expression. Membership is primarily comprised of freshmen and some sophomores recommended by the orchestra director. In addition to developing technique, this course will focus on group II and III repertoire as defined by the ISSMA. Fundamentals of music theory will complement the performance material. FC Concert Orchestra students will be strongly urged but not required to participate in the ISSMA Solo and Ensemble contest.



**Intermediate Orchestra – Philharmonic Orchestra**

2 Semesters / 2 Credits

Grades 9-12

Prerequisite: Audition

This orchestra will be rooted in the fundamentals and technique of performing in a music ensemble. Students will also begin to develop skills and artistry in musical expression. Membership is primarily comprised of freshmen and some sophomores recommended by the orchestra director. In addition to developing technique, this course will focus on group II and III repertoire, as defined by the ISSMA. Fundamentals of music theory will complement the performance material. FC Concert Orchestra students will be strongly urged but not required to participate in the ISSMA Solo and Ensemble contest.

**Advanced Orchestra – Symphony Orchestra**

2 Semesters / 2 Credits

Grades 9 – 12

Prerequisite: Audition

This orchestra is the highest performing ensemble of the orchestra program. Membership in this group is comprised of students recommended by the orchestra director. The musician students of the FC Symphony Orchestra will study and perform top-level repertoire for string orchestra, including music from all music history time periods. This orchestra will also collaborate with other orchestras at FCHS and top wind, brass, and percussion students from the band program, allowing students to perform full symphony orchestra repertoire. This performance driven course is rooted in the development of musical expression. Many curriculum enrichments, such as TED talks, recordings and videos of great musical performances, texts, and literature highlighting performance practice are used to engage advanced students. Symphony Orchestra students will be strongly urged to study privately with professional musicians in the Indianapolis area. In order to develop the entire orchestra program, students will be required to act as mentors/teachers for sixth grade beginning orchestra students. Participation in ISSMA Solo and Ensemble contest is required.

**Band**

*The band department is co-curricular, offering ensemble classes during the school day as well as extracurricular ensembles. All band students are currently placed in a concert band class in chair order based on audition. All students are expected to maintain their own instrument in good working order. All students are responsible for band fees determined by the booster organization. These fees are based on their level of participation within the band program. All students in jazz band must be enrolled in one of the concert band classes. There are only a few exceptions to this, such as students who play guitar, bass guitar, or piano exclusively. Attendance at all scheduled practices and performances is mandatory.*

**Instrumental Ensemble-Percussion Symphony**

2 Semesters / 2 Credits

Grades 9 – 12

Prerequisite – Previous Band Experience, Audition

This is a performing ensemble and is part of the Franklin Central High School Band Program. This band class is for percussion students only. Percussion students will also perform with one of the three concert bands listed below. Students' after school commitments include several band concerts, contests, and rehearsals leading up to these performances. All students must maintain their own instrument in good working order. Students moving from middle school band to high school band should consider replacing their beginner instrument with a step-up instrument. Attendance at all practices and performances is mandatory. Students can expect to learn the fundamentals of music and develop good ensemble playing technique.

**Beginning Concert Band-Concert Band**

2 Semesters / 2 Credits

Grades 9 – 12

Prerequisite – Audition

This is a performing ensemble and is part of the Franklin Central High School Band Program. Students' after school commitments include several band concerts, contests, and rehearsals leading up to these performances. All students must maintain their own instrument in good working order. Students moving from middle school band to high school band should consider replacing their beginner instrument with a step-up instrument. Attendance at all practices and performances is mandatory. Students can expect to learn the fundamentals of music and develop good ensemble playing technique.

**Intermediate Concert Band-Symphonic Band**

2 Semesters / 2 Credits

Grades 9 – 12

Prerequisite – Audition

This is a performing ensemble and is part of the Franklin Central High School Band Program. Students' after school commitments include several band concerts, contests, and rehearsals leading up to these performances. All students must maintain their own instrument in good working order. Students moving from middle school band to high school band should consider replacing their beginner instrument with a step-up instrument. Attendance at all practices and performances is mandatory. Students can expect to learn the fundamentals of music and develop good ensemble playing technique.

**Advanced Concert Band-Wind Ensemble**

2 Semesters / 2 Credits

Grades 9 – 12

Prerequisite – Audition

This is a performing ensemble and is part of the Franklin Central High School Band Program. This is the top performing ensemble in the band program. Students' after school commitments include several band concerts, contests, and rehearsals leading up to these performances. All students must maintain their own instrument in good working order. Students moving from middle school band to high school band should consider replacing their beginner instrument with a step-up instrument. Attendance at all practices and performances is mandatory. Students can expect to learn the fundamentals of music and develop good ensemble playing technique.

**Jazz Ensemble**

2 Semesters / 2 Credits

Grades 9 – 12

Prerequisite – Previous Band Experience, Audition

This is part of the Franklin Central High School Band Program. As part of that program, students are also enrolled in beginning, intermediate or advanced concert bands or percussion class. After school commitments for jazz band include a monthly performance and possible attendance at a festival or contest. All students must maintain their own instrument in good working order. Attendance at all practices and performances is mandatory. Students can expect to learn the fundamentals of jazz music and develop good ensemble playing technique. Students will play a variety jazz styles including rock, Latin and swing charts.

## Choir

**All choir classes are two semesters.**

### **Beginning Chorus-Women-Harmonia & Concordia**

2 Semesters / 2 Credits

Grades 9-12

Prerequisite – None, no audition necessary

Harmonia & Concordia is an entry level vocal course for females designed to improve vocal technique and music literacy. This course will require students to pay \$50 to cover rental of concert attire and transportation fees. Students will sing music in three or more parts from various styles and cultures. Attendance at school performances, ISSMA contest, and rehearsals is mandatory.

### **Beginning Chorus-Men-Vocal Majority**

2 Semesters / 2 Credits

Grades 9-12

Prerequisite – None, no audition necessary

Encores is an entry level vocal course for males designed to improve vocal technique and music literacy. This course will require students to pay \$50 to cover rental of concert attire and transportation fees. Students will sing music in three or more parts from various styles and cultures. Attendance at school performances, ISSMA contest, and rehearsals is mandatory.

### **Intermediate Chorus-Women-Varsity**

2 Semesters / 2 Credits

Grades 10-12

Prerequisite – Audition

Varsity Choir is an intermediate level vocal course for females designed to improve vocal technique and music literacy. Placement in this ensemble is based upon a vocal audition. This course will require students to pay \$50 to cover rental of concert attire and transportation fees. Students will sing music in three or more parts from various styles and cultures. Attendance at school performances, ISSMA contest, and rehearsals is mandatory.

### **Intermediate Chorus –Mixed- Encores**

2 Semesters / 2 Credits

Grades 9-12

Prerequisite - Audition

Encores is an intermediate level concert and non-competitive show choir course for male and female singers designed to improve vocal technique and music literacy. Placement in this ensemble is based upon a vocal and choreography audition. This course is co-curricular and functions as both a concert and extra-curricular non-competitive show choir. Students will have some after school rehearsals and will attend additional performances beyond the regular concert schedule. This course will require students to pay for extracurricular show choir in addition to \$50 to cover rental of concert attire and transportation fees. Students will sing music in three or more parts from various styles and cultures. Attendance at school performances, show choir contests and performances, ISSMA contests, and rehearsals is mandatory.

### **Advanced Chorus –Mixed- FC Singers**

2 Semesters / 2 Credits

Grades 9-12

Prerequisite - Audition

FC Singers is a select group of male and female singers who perform a wide range of vocal styles from classical concert literature to popular and show choir music. Placement in this ensemble is based upon a vocal and choreography audition. This course is co-curricular and functions as both a concert and extra-curricular competitive show choir. This group typically rehearses Tuesdays and Thursdays after school for three hours, and attends day-long competitions on most Saturdays from January through March. This course will require students to pay for extracurricular show choir in addition to \$50 to cover rental of concert attire and transportation fees. Students will sing music in four or more parts from various styles and cultures. Attendance at school performances, ISSMA contests, and show choir performances and rehearsals is mandatory.

### **Advanced Chorus-Women-High Voltage**

2 Semesters / 2 Credits

Grades 9-12

Prerequisite - Previous choral experience necessary; Audition

High Voltage is a select group of female singers who work on a wide range of vocal styles from classical concert literature to popular and show choir music. Placement in this ensemble is based upon a vocal and choreography audition. This course is co-curricular and functions as both a concert and extra-curricular competitive show choir. This group typically rehearses Tuesdays and Thursdays after school for three hours, and attends day-long competitions on most Saturdays from January through March. This course will require students to pay for extracurricular show choir in addition to \$50 to cover rental of concert attire and transportation fees. Students will sing music in three or more parts from various styles and cultures. Attendance at school performances, ISSMA contests, and show choir performances and rehearsals is mandatory.

### **Choral Chamber Ensemble-Mixed- Chamber Choir**

2 Semesters / 2 Credits

Grades 10-12

Prerequisite – Intermediate or Advanced Chorus and Audition

Chamber Choir is a select group of male and female singers who work on a wide range of vocal styles from Renaissance madrigals and motets to modern pop and vocal jazz. Placement in this ensemble is based upon a vocal audition. Second semester, this ensemble performs and competes as an advanced Concert Choir and Vocal Jazz Ensemble. This course will require students to pay for extracurricular show choir in addition to \$50 to cover rental of concert attire and transportation fees. Additional expenses for travel to out of state competitions may be required. Students will sing music in four or more parts from various styles and cultures. Attendance at school performances and rehearsals is mandatory.

### **Choral Chamber Ensemble-Women-Accents**

2 Semesters / 2 Credits

Grades 10-12

Prerequisite – Intermediate or Advanced Chorus and Audition

Accents is a select group of female singers who work on a wide range of vocal styles from Renaissance madrigals and motets to modern pop and vocal jazz. Placement in this ensemble is based upon a vocal audition. Second semester, this ensemble performs and competes as an advanced Concert Choir and Vocal Jazz Ensemble. This course will require students to pay for extracurricular show choir in addition to \$50 to cover rental of concert attire and transportation fees. This course will require students to rent concert attire and pay transportation fees. Additional expenses for travel to out of state competitions may be required. Students will sing music in four or more parts from various styles and cultures. Attendance at school performances and rehearsals is mandatory.

## Music History and Theory

### **Music History and Appreciation**

1 Semester / 1 Credit

Grades 9-12

Prerequisite - None

Music History and Appreciation is a study of music from prehistoric times through the twenty-first century. The course will focus on musical periods of history and the composers and music therein. Students should come prepared for a history course requiring reading and studying. Previous musical experience is helpful, but is not required. Students can expect the following academic standards to be addressed: singing alone and with others, reading and notating music, evaluating and describing music, understanding the relationship between music and the other arts, and understanding music in relation to history and culture. Written assignments and presentations in front of the class are required. Through the study of music history, students will gain an appreciation of varied styles and genres of music and develop an educated musical ear.

### **Introduction to Music Theory and Composition**

1 Semester / 1 Credit

Grades 9-10

Prerequisite: None

Introduction to Music Theory and Composition is a beginning level course to understand the basic rudiments of music. Music theory distills and analyzes the fundamental elements of music: rhythm, harmony, harmonic function, melody, structure, form, and texture. In addition to the written aspects of music, aural skills or the ability to identify musical patterns by ear, are integral to the course. Students will have to dictate played music and read music at sight. Students who wish to continue on to AP Music Theory who are not currently enrolled in an advanced ensemble at Franklin Central should consider this course

### **AP Music Theory and Composition**

2 Semesters / 2 Credits

Grades 10-12

Prerequisite - Teacher approval (Advanced music class)

Music Theory is the study of the structure of constructed music. Music theorists look for patterns and structures in composers' works across or within genres, styles, or historical periods. Music theory distills and analyzes the fundamental parameters or elements of music: rhythm, harmony, harmonic function, melody, structure, form, and texture. In addition to the written aspects of music, aural skills or the ability to identify musical patterns by ear, as opposed to by the reading of notation are integral to the course. Students will have to dictate played music and read music at sight. It is recommended, although not required, that students have completed at least one year of a Franklin Central advanced ensemble (Symphony Orchestra, Wind Ensemble, FC Singers, High Voltage, or Chamber Choir) before enrolling in AP Music Theory. Students will be expected to take the AP Music Theory exam in May.

## Theatre Arts

### **Theatre Arts I**

2 Semesters / 2 Credits

Grades 9-12

Prerequisite - None

Theatre Arts is a year-long survey class in which students will develop acting skills, create scripts, and conceive scenic designs. Students will explore the creative process through developing monologues and scenes and creating design elements. Students will read and analyze plays and identify characteristics, ideas and themes in theatre. Students will attend and critique theatrical productions.

### **Theatre Production I**

2 Semesters / 2 Credits

Grades 10-12

Prerequisite – Theatre Arts I, Teacher approval

Theatre Production is a year-long class in which students will take on responsibilities associated with rehearsing and presenting a fully mounted theatre production. They will read and analyze plays in preparation for productions. Students will conceive a design for a production including set, lighting, sound, costumes, make-up, house management, and advertising. Students will investigate a theatre arts career and attend and critique theatrical productions. Students will rehearse and perform roles in a production, direct or serve as assistant director for a production and focus on the responsibilities associated with presenting a full scale theatre production. Students will employ a careful process of script analysis to create a character, and fully engage in the collaborative process of making theatre.

### **Technical Theatre I**

2 Semesters / 2 Credits

Grades 10-12 (Selected)

Technical Theatre I is a class that will actively engage students in the process of designing, building, managing, and implementing the aspects of a production. Students will explore stage technology and make informed judgments about technical production choices. Students will develop scenic designs, lighting, costuming, make-up, sound, and stage and house management. Students will understand the ways technical theater incorporates all the arts and other disciplines through construction, business, project management, design, and advertising. Students explore career opportunities in the theatre and attend and critique theatrical productions.

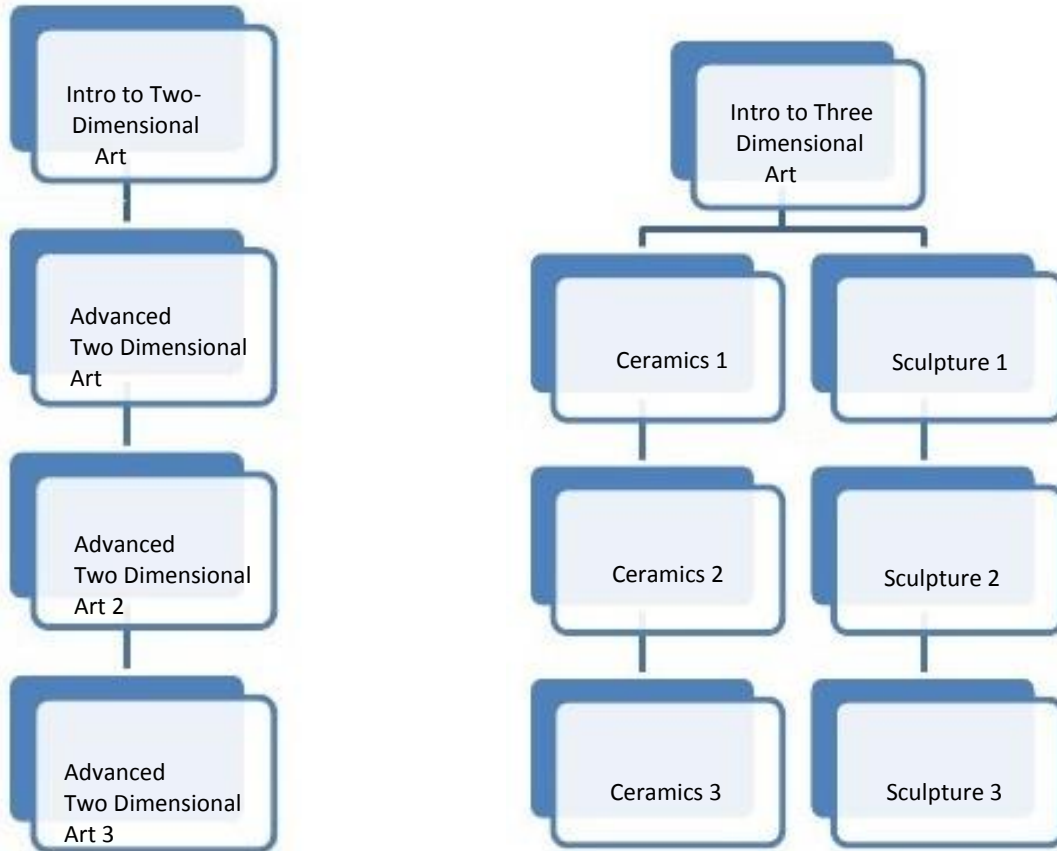
### **Advanced Technical Theatre**

2 Semesters / 2 Credits

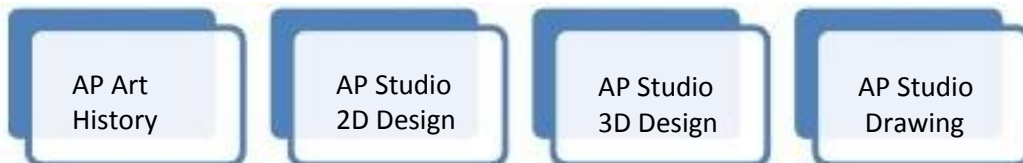
Grades 11-12 (Selected)

Advanced Technical Theatre will actively lead students in the process of design, building, managing, programming, drafting, and implementing the technical aspects of a production. Students will create original designs and plans for scenic design, lighting, costuming, make-up, sound, and stage and house management. Further, students will assess stage technology and its impact on the theatre and their designs and implementation of technical elements of the production. Students will investigate careers in technical theatre and attend and critique theatrical productions.

**Visual Arts**



**AP Art Courses**



## AP Art History Courses

### **Art History AP**

Grades 10-12

Prerequisite - None

Students will build on the knowledge gained from the Art History course and use that knowledge to do in-depth research and presentations as well as further their knowledge of historical and contemporary art. Students will search for the meaning and significance of art through: the study of cultural and historical artworks, by analyzing common characteristics and interpretations of varied cultures, by using thoughtful means to decide if an artwork is aesthetically successful, and exploring a variety of media and techniques.

2 Semesters / 2 Credits

## AP Studio Art Courses

### **AP Studio - Drawing, 2D Design or 3D Design**

Grades 11-12

Prerequisite- 2 years of Art and teacher recommendation

The AP Studio Art classes are designed for students who are seriously interested in art. AP Studio Art is not based on a written exam; instead, students submit portfolios of their artwork for evaluation at the end of the school year. The program consists of three portfolios to choose from-Drawing, 2D Design or 3D Design. This program provides the opportunity to earn college credit while in high school and is based on the premise that college level material can be successfully taught to secondary school students. This class comes with a lab fee to help offset the costs of art supplies.

2 Semesters / 2 Credits

## Two-Dimensional Art Courses

### **Intro to Two-Dimensional Art**

Grades 9-12

Prerequisite - None

This course is an introduction to the utilization of the elements and principles of design through various media on a flat surface. These media and techniques will be used to explore and to develop observation skills, visual problem-solving, craftsmanship, and an introduction to planning and executing individual ideas and concepts. This class requires a lab fee to help offset the costs of art supplies.

2 Semesters / 2 Credits

### **Advanced Two-Dimensional Art**

Grades 10-12

Prerequisite - Intro to 2D Art – C or better

This course is a reinforcement and expansion of the Intro to 2-D Art course. Students will continue exploring a variety of media with a focus on refining skills and techniques. Assignments will continue to focus on the utilization of elements and principles of design while furthering the development of observation skills, and visual problem solving. The planning and proposing of ideas and concepts for student driven work will be introduced second semester. Student will engage in individual and group critiques as assessment of their growth as an emerging artist. This class requires a lab fee to help offset the costs of art supplies.

2 Semesters / 2 Credits

### **Advanced Two-Dimensional Art 2**

Grades 11-12

Prerequisite – Advanced 2D Art – Teacher Approval

Students will work from a combination of traditional subject matter, materials and techniques to develop individual concepts as well as personal style through the continued utilization of the elements and principles of design. Thorough planning, proposing and execution of ideas and/or concepts for work will be a standard expectation. Through continued individual and group discussions students also develop aesthetic values and the vocabulary to effectively critique various works of art. This class requires a lab fee to help offset the costs of art supplies.

2 Semesters / 2 Credits

### **Advanced Two-Dimensional Art 3**

Grades 12

Prerequisite – Advanced 2D Art 2 –Teacher Approval

Advanced 2D Art III is structured so that students are working more independently. Building on previous experience from working with combinations of subject matter, materials and techniques, individual concepts and developing personal style, students will select a focus/area of concentration. Portfolio quality work and preparation will also be a part of the course for those students wishing to apply to a university art program. Thorough planning, proposing and execution of ideas and/or concepts for work will be a standard expectation. Through continued individual and group discussions students continue to develop aesthetic values and the vocabulary to effectively critique various works of art. This class requires a lab fee to help offset the costs of art supplies.

2 Semesters / 2 Credits

## Three-Dimensional Art Courses

### **Intro to Three-Dimensional Art**

2 Semesters / 2 Credits

Grades 9-12

Prerequisite - None

Students in this course will study a variety of thematic units and use a variety of 3D media including: clay, wire, and foam-core. Students will learn techniques like sculpting, carving, slab-building, and coil-building to develop their spatial skills. The students will reflect upon and revise their work, relate to other disciplines and explore historical and cultural background and connections. Students will engage in sequential learning experiences that encompass art history, art criticism, aesthetics, production and integrated studies. This class comes with a lab fee to help offset the costs of art supplies.

### **Ceramics 1**

2 Semesters / 2 Credits

Grades 10-12

Prerequisite – Intro to 3D Art – C or better

The students will be using a variety of beginning ceramics techniques including coil building, slab building and throwing to develop spatial skills, explore the elements and principles of 3-D Design and communicate their creative ideas. Students are expected to begin creating high quality portfolio level work. The students will reflect upon and revise their work, relate to other disciplines and explore historical and cultural background and connections. Students will engage in sequential learning experiences that encompass art history, art criticism, aesthetics, production and integrated studies. This class comes with a lab fee to help offset the costs of art supplies.

### **Ceramics 2**

2 Semesters / 2 Credits

Grades 11-12

Prerequisite – Ceramics 1- Teacher Approval

Students in this course will continue to gain mastery of 3D design and ceramic techniques using coil, slab and throwing and surface design. The students will use a variety of techniques to refine their spatial skills and explore the elements and principles of design. Students will make the majority of choices about their artwork in order to communicate their creative ideas and develop their artistic voice. Students are expected to create portfolio quality work. The students will reflect upon and revise their work, relate to other disciplines, and explore historical and cultural background and connections. This class comes with a lab fee to help offset the cost of the art supplies.

### **Ceramics 3**

2 Semesters / 2 Credits

Grades 12

Prerequisite – Ceramics 2 – Teacher Approval

The students will strengthen their mastery of 3D design and ceramic techniques. The students primarily will use clay, and their choice of techniques to refine their spatial skills, master the use of the elements and principles of design. They will continue to practice using their artistic voice to communicate their ideas. Students are expected to continue creating portfolio quality work. The students will reflect upon and revise their work, relate to other disciplines and explore historical and cultural background and connections. Students will engage in sequential learning experiences that encompass art history, art criticism, aesthetics, production and integrated studies. This class comes with a lab fee to help offset the costs of art supplies.

### **Sculpture 1**

2 Semesters / 2 Credits

Grades 10-12

Prerequisite - Intro to 3D Art – C or better

Students in this course will be learning advanced methods of working with 3-D media like clay, and cardboard, as well as new materials like stone. Students will continue to develop their spatial skills, explore the elements and principles of design, and communicate their creative ideas. Students are expected to begin creating high quality portfolio level work. The students will reflect upon and revise their work, relate to other disciplines, and explore historical and cultural background and connections. Students will engage in sequential learning experiences that encompass art history, art criticism, aesthetics, production, and integrated studies. This class comes with a lab fee to help offset the costs of art supplies.

### **Sculpture 2**

2 Semesters / 2 Credits

Grades 11-12

Prerequisite – Sculpture 1 – Teacher Approval

Students in this course will continue to gain mastery of the 3D design and techniques using a variety of 3D media and tools. The students will use a variety of materials, refine their spatial skills, and explore the elements and principles of design. Students will make the majority of choices about what they will create in order to communicate their creative ideas and develop their artistic voice. Students are expected to create portfolio quality work. The students will reflect upon and revise their work, relate to other disciplines, and explore historical and cultural background and connections. This class comes with a lab fee to help offset the costs of art supplies.

### **Sculpture 3**

2 Semesters / 2 Credits

Grades 12

Prerequisite – Sculpture 2 – Teacher Approval

Students in this course will continue to gain mastery of the 3D design and techniques using a variety of 3D media and tools. The students will use a variety of materials, refine their spatial skills, and explore the elements and principles of design. Students will make the majority of choices about what they will create in order to communicate their creative ideas and develop their artistic voice. Students are expected to create portfolio quality work. The students will reflect upon and revise their work, relate to other disciplines, and explore the historical and cultural background and connections. This class comes with a lab fee to help offset the costs of art supplies.

**\*\* Higher levels of 2D and 3D Art are available upon the recommendation of the instructor and the department chairperson. \*\***

# PHYSICAL EDUCATION DEPARTMENT

<u>Course</u>	<u>Grade</u>	<u>Prerequisite</u>
Physical Education I-II	9	None
Health and Wellness 1	10	None
Elective PE (Conditioning)	10-12	Physical Education I-II, Recommended C or better
Elective PE (Lifeguarding)	10-12	Physical Education I-II, Recommended C or better
Elective PE (Team Sports)	10-12	Physical Education I-II, Recommended C or better
Elective PE (Weight Training)	10-12	Physical Education I-II, Recommended C or better
Cadet Teaching/Advanced Lifeguarding	10-12	Selected
Cadet Teaching: PE Assistant	10-12	Selected

## **Physical Education I-II (Required)**

2 Semesters / 2 Credits

Grades 9-12

Prerequisite - None

Physical education offers opportunities for the development of leadership, physical fitness, sportsmanship and the opportunity to learn to work, and to play together. It is more than aimless, frivolous play. Physical Education I-II covers a wide range of team sports, aerobics, health related fitness activities, recreational activities, outdoor pursuits, individual and dual sports and aquatics. In class, skills and rules are taught that may be used in leisure time activities. Uniforms are required in P.E. These uniforms must be worn each day of class. These may be purchased from the bookstore at a cost of \$18.00. All students must complete the Physical Education requirement. Swimming is a required phase of Physical Education I-II and must be completed in order to receive credit for this course. **Students must provide their own swimsuits and towels for the swimming portion of class.**

**Girls must wear one-piece swimsuits.** Adaptive PE is offered as determined by case conference committee if determined the least restrictive environment. At least one of the two required semesters must be taken during the regular school year.

## **Health (Required)**

1 Semester / 1 Credit

Grade 10

Prerequisite - None

Course emphasis is upon developing a wellness lifestyle in which students learn to appreciate and take responsibility for their own health and that of their future family. Students are provided an opportunity to develop decision-making skills and to learn to recognize both short and long term health consequences of their behaviors. They are given opportunities to practice their communication skills with their classmates and families and to develop skill in working with others in group project work. This course includes but is not limited to units in the following: nutrition, emotional health, stress reduction, substance abuse, growth and development, human sexuality, lifestyle caused diseases, and communicable diseases.

## **Elective Physical Education (Conditioning)**

1 Credit per semester

Grades 10-12

Prerequisite – Physical Education I-II, Recommended C or better

This course consists of calisthenics, weight training, resistance training, flexibility, agility, and endurance training. Students are recommended for this course by the physical education staff as it is a very rigorous curriculum that will challenge even the best athlete.

## **Elective Physical Education (Lifeguarding)**

1 Semester / 1 Credit

Grades 10-12

Prerequisite – Physical Education I-II, Recommended C or better, Swimming Instructor Approval

This one-semester course offers opportunities to learn lifeguard techniques, first aid training and CPR. Students who pass all parts of the class will be certified by the American Red Cross with 80% or better scores. Students will be required to participate in daily activity in addition to completing written work and tests and performing on skills tests. All Lifeguard candidates must successfully complete a pretest in the first week of class. The pretest includes: 1. Swimming 6 laps freestyle or breaststroke nonstop. 2. Treading water for 2 minutes with only legs (no arms). 3. Swimming 20 yards to retrieve a 10 pound brick from 10 feet down in deep water and returning it to the start point in 1 minute and 40 seconds. In order to get certification, students must also exhibit model behavior.

## **Elective Physical Education (Team Sports)**

1 Semester / 1 Credit

Grades 10-12

Prerequisite – Physical Education I-II, Recommended C or better

This one-semester course offers opportunities to participate in team sports such as basketball, soccer, volleyball, badminton, tennis, pickle ball, Ping-Pong, shuffleboard, and flag football. Students will be exposed to strategies for playing each sport as well. It also offers opportunities to learn lifetime activities and to develop citizenship, leadership, and social skills. A student can take this course only one time during the high school career.

**Elective Physical Education (Weight Training)**

1 Credit per semester

Grades 10-12

Prerequisite - Physical Education I-II, Recommended C or better

This one-semester course is designed for the non-athlete who is interested in improving muscular strength and endurance with the help of a rigorous weight training program designed by the instructor. Students will follow a set program of which four days will be weight lifting and with one day focusing on; cardiorespiratory endurance, plyometric training, flexibility and/or core strength and stability. With the instructor's guidance, students will also have the opportunity to develop and implement their own weight training program based on the guidelines of professional organizations such as the American College of Sports Medicine and the National Strength and Conditioning Association.

**Cadet Teaching: Advanced Lifeguarding**

1 Credit per semester

Grade 10-12

Prerequisite – Lifeguarding, plus lifeguard certification/swim instructor recommendation

The student will utilize those skills learned in Lifeguarding as an actual lifeguard in FC's pool during swim classes. The student will also work with the instructor when in the classroom assisting with CPR/ First Aid Training.

**Cadet Teaching: PE Assistant**

1 Credit per semester

Grades 10-12

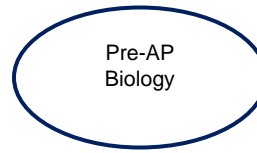
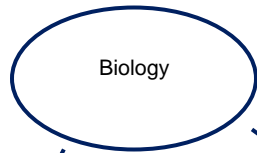
Prerequisite – B average or better/successful completion of Physical Education I-II, PE instructor recommendation

The student will aid the teacher in day-to-day activities in the classroom. These activities include: equipment set up and take down, leading exercises, officiating, and aiding students one-on-one when necessary.

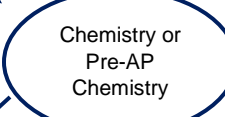


# SCIENCE DEPARTMENT

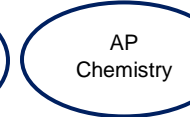
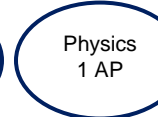
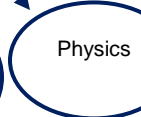
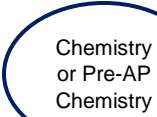
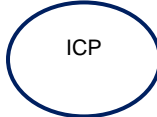
**GRADE 9**



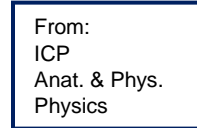
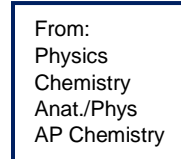
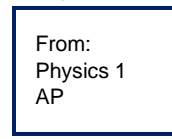
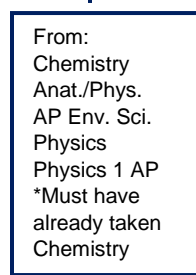
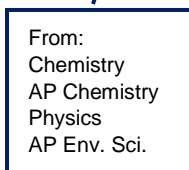
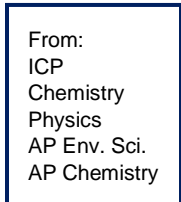
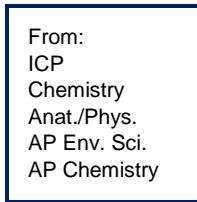
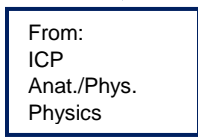
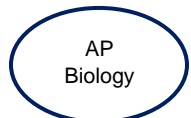
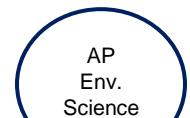
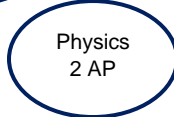
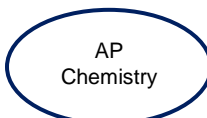
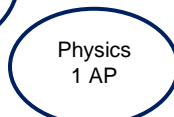
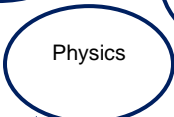
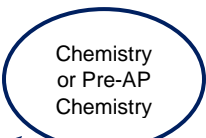
**GRADE 10**



**GRADE 11**



**GRADE 12**



<u>Course</u>	<u>Grade</u>	<u>Prerequisite</u>
Biology I	9	None
Biology I – Pre AP	9	Recommended A or B average in 8 <sup>th</sup> grade science
Anatomy & Physiology	10-12	Biology I
Chemistry I	10-12	Biology I, Recommended B or better in Algebra I
Pre-AP Chemistry	10-12	Biology I, Recommended A in Algebra I and Biology
Earth & Space Science I	10-12	None
AP Biology	12	Biology I and Chemistry
AP Chemistry	11-12	Biology, Chemistry, Recommended B or better in Algebra I
AP Environmental Science	11-12	2 years of Science
Integrated Chemistry-Physics	10-12	Algebra I
Physics I	11-12	Biology
Physics 1 AP	11-12	Algebra II and Geometry
Physics 2 AP	12	Physics I AP, concurrent with Pre-Calculus

**Students are encouraged to enroll in biology, chemistry and physics as a basis for their science success in post-secondary education and in all careers. Additional AP courses are encouraged as well as electives that may suit a particular area of interest.**

<b>Biology I</b> Grade 9 Prerequisite - None Biology is an introductory course designed to study living organisms and their physical environment. Students should apply scientific methods of inquiry and research in examining the following areas: biochemistry, cell structure, function and reproduction, cell energy, molecular basis of genetics, natural selection and diversity, and ecology. This course is required for graduation.	2 Semesters / 2 Credits
<b>Biology I – Pre AP</b> Grade 9 Prerequisite – A or B average in 8 grade science Honors Biology is designed for students who have excellent reading, comprehension, and study skills. The pace in the course is rapid, and critical thinking is stressed. Biology is a laboratory/project-based course designed to study living organisms and their physical environment. Students should apply scientific methods of inquiry and research in examining the following topics: biochemistry, cell structure and function, cell energy, molecular basis of genetics, natural selection and diversity, and ecology. This course is required for graduation.	2 Semesters / 2 Credits
<b>Anatomy &amp; Physiology</b> Grades 10-12 Prerequisite – Biology – Please consult with your current science teacher for best science course placement Students will investigate and apply concepts associated with human anatomy and physiology. Concepts covered include the process of homeostasis and the essentials of human function at the level of genes, cells, tissues, and organ systems. Student will understand the structure, organization, and function of the various components of the healthy human body in order to apply this knowledge in all health-related fields. Animal dissection is included as part of the laboratory component of the course.	2 Semesters / 2 Credits
<b>Biology Advanced Placement</b> Grades 12 Prerequisite – Biology and Chemistry – Please consult with your current science teacher for best science course placement This is a rigorous and fast paced course intended for students pursuing advanced credit in the life sciences. It is intended to prepare students for the College Board's Advanced Placement exam, as well as eight mandatory labs that will be completed during the course. Summer work may be assigned prior to the beginning of school in August. <b>Students signing up for this class are required to take the AP exam in May.</b>	2 Semesters / 2 Credits
<b>Environmental Science Advanced Placement</b> Grades 11-12 Prerequisite – Biology and Chemistry – Please consult with your current science teacher for best science course placement. AP Environmental Science is a rigorous and fast paced course covering aspects of national and global environmental systems, including ecosystems, population dynamics, resource management, and environmental consequences of natural and anthropogenic processes. The course is a good fit for all students interested in science and highly recommended for students considering a career related to Earth or Environmental Science. Laboratory and field experiences are required components of the course. Computer, Internet, math, and reading skills are necessary. <b>Students signing up for this class are required to take the AP exam in May.</b>	2 Semesters / 2 Credits
<b>Chemistry I</b> Grades 10-12 Prerequisite – Biology I, Recommended B or better in Algebra I Please consult with your current science teacher for best science course placement. Chemistry I is designed primarily for the college bound student. It is a mathematics and laboratory based science class that covers topics such as atomic structure, chemical reactions, stoichiometry, solutions, gas laws, and acids and bases. Proficiency in Algebra I skills is required and more advanced mathematics is strongly recommended.	2 Semesters / 2 Credits

**Pre-AP Chemistry**

2 Semesters / 2 Credits

Grades 10-12

Prerequisite – Biology I, Recommended A in Algebra I and Biology

Please consult with your current science teacher for best science course placement. Pre-AP Chemistry I is designed primarily for the self-motivated student with strong reading comprehension, critical thinking, and study skills. It is a rapid-paced mathematics and laboratory based science class that utilizes inquiry to cover topics such as atomic structure, chemical reactions, stoichiometry, solutions, gas laws, and acids and bases. Proficiency in Algebra I skills is required and more advanced mathematics is strongly recommended.

**Chemistry Advanced Placement**

2 Semesters / 2 Credits

Grades 11-12

Prerequisite – Recommended B or better in Chemistry and Algebra I

Please consult with your current science teacher for best science course placement.

This is an advanced placement course designed to prepare the student for the AP Chemistry exam. This course covers the equivalent of one full year of *college level* general chemistry, comparable to a first year course at a college or university. This course is a rigorous math-based course, with a strong laboratory component. It is intended for students who have demonstrated a willingness to commit considerable time to studying and completing assignments outside of class, and who have successfully completed Chemistry I and Algebra I. This course includes more in-depth analysis of material covered in Chemistry I, as well as new topics: kinetics, equilibrium, thermodynamics, electrochemistry, and organic chemistry. **Students signing up for this class are required to take the AP exam in May.**

**Earth & Space Science I**

2 Semesters / 2 Credits

Grades 10-12

Prerequisite - None

Please consult with your current science teacher for best science course placement. This course is designed to help students master a wide variety of Earth Science topics including astronomy, geology, meteorology, and oceanography. Available careers in these fields will be examined. Labs and hand-on activities will help students relate science to everyday life.

**Integrated Chemistry – Physics**

2 Semesters / 2 Credits

Grades 10-12

Prerequisite - Algebra I

Please consult with your current science teacher for best science course placement. Integrated Chemistry/Physics introduces the fundamental concepts of scientific inquiry, the structure of matter, chemical reactions, forces, motion, and the interactions between energy and matter. This course is a laboratory-based introduction to possible future course work in chemistry or physics that will ensure a mastery of the basics of each discipline. Students who passed Chemistry or Physics are not eligible to take this course.

**Physics I**

2 Semesters / 2 Credits

Grades 11-12

Prerequisite – Biology (Chemistry recommended) – Please consult with your current science teacher for best science course placement.

Physics is the search for the fundamental laws that govern the behavior of objects in the universe. It's about the nature of basic things such as motion, forces, energy, matter, electricity, magnetism, and the composition of atoms. The emphasis will be on developing a conceptual understanding of these laws and phenomena. The course will give the students a deeper appreciation for the beauty of the natural world as revealed by modern science.

**Physics 1 Advanced Placement**

2 Semesters / 2 Credits

Grades 11-12

Prerequisite – Algebra II and Geometry – Please consult with your current science teacher for best science course placement.

This course is the equivalent of a first-semester college course in algebra-based physics. The course covers Newtonian mechanics, work, energy, power, and mechanical waves and sound. It also introduces electric circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. **Students signing up for this class are required to take the AP exam in May.**

**Physics 2 Advanced Placement**

2 Semesters / 2 Credits

Grade 12

Prerequisite – Physics 1 AP; concurrent with Pre-Calculus

Please consult with your current science teacher for best science course placement. This course is the equivalent of a second-semester college course in algebra-based physics. The course covers fluid mechanics, Thermodynamics, electricity and magnetism, optics, and atomic and nuclear physics. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. **Students signing up for this class are required to take the AP exam in May.**

# SOCIAL STUDIES DEPARTMENT

## REQUIRED COURSES

## ELECTIVE COURSES

### GRADE 9

Geography & History of the  
World  
Or  
Pre-AP Geography & History of  
the World

### GRADE 10

No required Social Studies  
class in 10<sup>th</sup> grade

### GRADE 11

US History  
Or  
AP US History

### GRADE 12

US Government  
Or  
AP US Government  
Or  
US Government Honors  
(1 Semester)

Economics  
Or  
AP Economics  
(1 Semester)

World History

AP World History

Sociology  
(1 Semester)

World History

AP World History

AP Psychology

Ethnic Studies &  
Indiana Studies  
(1 Semester each)

Sociology  
(1 Semester)

Psychology  
(1 Semester)

World History

AP World History

AP Psychology

Ethnic Studies &  
Indiana Studies  
(1 Semester each)

Sociology  
(1 Semester)

Psychology  
(1 Semester)

<u>Course</u>	<u>Grade</u>	<u>Prerequisite</u>
Geography and History of the World	9	None
Geography and History of the World Pre AP	9	Recommended A or B in 8 <sup>th</sup> grade Social Studies
World History & Civilization	10-12	None
World History AP	10-12	Recommended A in Geog./History of the World or B or better in Pre-AP Geog./History of the World
U.S. History	11	None
U.S. History AP	11	None
Economics	12	None
Macro Economics AP	12	None
U.S. Government	12	None
U.S. Government AP	12	Recommended B or better in AP US History or A in US History
U.S. Government – Honors (We The People)	12	None
Psychology	11-12	None
Psychology AP	11-12	Recommended A or B in previous Social Studies and English classes
Sociology	10-12	None
Ethnic Studies	11-12	None
Indiana Studies	11-12	None

### **Geography and History of the World**

2 Semesters / 2 Credits

Grade 9

Prerequisite - None

This two semester course will serve as the standard social studies requirement for freshmen. Students will use geographical skills and historical concepts to deepen their understanding of global themes. Students will use research tools to ask questions and acquire relevant information. They will use primary and secondary sources, produce maps, timelines and other graphic representations to interpret geographic and historical problems and events. Key concepts include change over time, cultural landscape, diffusion, human environment interactions, physical systems, and spatial organization and variation.

### **Geography and History of the World Pre AP**

2 Semesters/ 2 Credits

Grade 9

Prerequisite – Recommended A or B in 8 grade Social Studies

This two semester course will serve as an introduction to Advance Placement social studies courses for freshmen. This course demands the academic excellence expected from an Advanced Placement course, including the development of advanced study skills and rigorous amounts of out of school work. Students should be prepared to make a serious commitment of time and energy to make the most of the course. In the class, students will use geographical skills and historical concepts to deepen their understanding of global themes. Students will develop their non-fiction literacy skills by analyzing primary and secondary sources. Students will also collaboratively use research tools to ask questions and acquire relevant information. They will produce maps, timelines, and other graphic representations to interpret geographic and historical problems and events. Key concepts include change over time, cultural landscape, diffusion, human environment interactions, physical systems, and spatial organization and variation.

### **World History and Civilization**

2 Semesters / 2 Credits

Grade 10-12

Prerequisite - None

This course emphasizes events and developments in the past that greatly affected large numbers of people across broad areas and that significantly influenced peoples and places in subsequent eras. Key events related to people and places as well as transcultural interaction and exchanges are examined in this course. Students are expected to compare and contrast events and developments involving diverse peoples and civilizations in different regions of the world. They will examine examples of continuity and change, universality and particularity, and unity and diversity among various peoples and cultures from the past to the present.

### **World History Advanced Placement**

2 Semesters / 2 Credits

Grade 10-12

Prerequisite – None (Recommended A in Geography History of the World or B or better in Pre-AP Geography and History of the World)

This course provides students with the content established by the College Board. The course will have a chronological frame from the periods 8,000 B.C.E. to the present. AP World History focuses on five overarching themes: 1. Interaction Between Humans and the Environment 2. Development and Interaction of Cultures 3. State-Building, Expansion, and Conflict 4. Creation, Expansion, and Interaction of Economic Systems 5. Development and Transformation of Social Structures. Students should anticipate 6-7 hours of homework per week consisting mostly of reading and notes. Students are expected to come prepared to class sessions with all work completed. Students are also required to write a minimum of six essays per semester.

**Students signing up for this class are required to take the AP exam in May.**

### **United States History**

2 Semesters / 2 Credits

Grade 11

Prerequisite - None

United States History is a required two-semester course designed for all juniors. US History will expand upon concepts learned in prior American History courses and emphasize national development from the Civil War period through the 21 century. Students will learn through a variety of sources including primary sources, historical and contemporary sources, internet activities and research. Students will study common themes throughout America's history, key events and people, various movements, and how all related to life in the United States and in Indiana.

**United States History Advanced Placement**

2 Semesters / 2 Credits

Grade 11- Fulfills U.S. History Requirement

Prerequisite – None (pre-AP Geography and History of the World and/or Pre-AP English recommended)

This course is designed for Franklin Central students looking to challenge themselves beyond the required U. S. History class. The year-long study of United States history will prepare the student for success on the Advanced Placement U.S. History exam, which may earn college credit. Students signing up for AP U.S. History should possess strong reading, writing, critical thinking, and discussion abilities. **Students should expect 5-7 hours of homework per week for this course, the majority of which will involve reading and note-taking. Students signing up for this class are required to take the AP exam in May.**

**United States Government**

1 Semester / 1 Credit

Grade 12

Prerequisite - None

This course, required of all seniors, will include an investigation of the mechanics and operation of the various political institutions of our nation. Civics and Government will be the major focus of the course while other areas such as history, geography, economics, and cultures will play a supporting role. This course is the culmination of the thinking, inquiry and research, and participation skill developed throughout the social studies curriculum. Political activism, the role of the Court, the Presidency, and the Congress, are units of study. A number of learn-and-do, or learn-by-doing activities are part of the class, which also employs large group-small group team instruction, internet learning, and community service opportunities. Students will be exposed to all levels of society in an effort to properly prepare them for the social realities of the modern political world.

**United States Government Honors (We the People)**

1 Semester / 1 Credit

Grade 12

Prerequisite – None

US Government Honors follows the "We the People": The Citizen and the Constitution curriculum, and it is a one semester honors course, offered during the fall, that counts towards the required Government credit; it is intended for college bound students who have a passion for politics, history, debate, discussion, speech, philosophy, hands-on-learning, and civics. The course introduces students to a study of constitutional law in the United States of America. Its intent and purpose is to provide students with an understanding of how the Constitution came into existence, why it took the form it did, and how it has functioned over the past two hundred years. The Center for Civic Education hosts regional, state, and national competitions based on the course curriculum, and it is required for students to take part, participate, and compete in the competitions, and this aspect of the course will require students to dedicate time outside of class to the course.

**Economics**

1 Semester / 1 Credit

Grade 12

Prerequisite - None

This course, required of all seniors, is designed to stimulate the students' awareness of, and continuing interest in, problems of market pricing and supply and demand. Basic math skills are required. An understanding of economic principles will enable students to master a few basic economic problems as a means of thinking intelligently and analytically relative to a variety of modern-day economic problems.

Individual units apply this information to a variety of policy problems such as poverty, taxes, pollution, economic growth, money/banking, gross domestic product, and prices and interest rate changes.

**Macro Economics Advanced Placement**

1 Semester / 1 Credit

Grade 12 – Fulfills Economics requirement

Prerequisite – None, Recommended B or better in US History

This one semester course is a continuation of the college-level course and is strongly recommended to those students who plan to attend college. All materials used in this course are from universities throughout the country, as are the exams. Completion of Algebra II is recommended. An understanding of economics will enable students to master a few basic economic problems as a means of thinking intelligently and analytically relative to a variety of policy problems such as aggregate demand/supply, economic growth, deficits, debts, interest rates, loans, and international trade. Students should expect 4-5 hours of homework per week for this course, the majority of which will involve reading and homework. **Students signing up for this class are required to take the AP exam in May.**

**U. S. Government Advanced Placement**

1 Semester / 1 Credit

Grade 12 – Fulfills U. S. Government Requirement

Prerequisite – None, Recommended B or better in AP US History or A in US History.

This course is intended for motivated, hard-working, college bound seniors. This course is a comprehensive study of American government. It will prepare students for the rigors of the college classroom as well as anticipated success on the College Board's Advanced Placement U. S. Government and Politics exam. Students will develop college-level reading, writing, critical thinking, discussion, and note-taking skills. Therefore only those seniors who will remain serious and focused are encouraged to take this challenging yet rewarding course. **Students signing up for this class are required to take the AP exam in May.**

**Psychology**

1 Semester / 1 Credit

Grades 11-12, Prerequisite - None

This course will provide the students the opportunity to examine psychology as the scientific study of mental processes and behavior. The students will study the history and background of psychology, the scientific method, the biological bases of behavior, sensation and perception, human development, cognition, personality, abnormal psychology, and the socio-cultural bases of behavior. Students will gain an understanding of the behaviors of themselves and others. This course is challenging and utilizes a variety of activities that require and emphasize critical thinking skills. The class is designed to prepare students for entry-level college psychology courses.

**Psychology Advanced Placement**

2 Semesters/ 2 Credits

Grades 11-12

Prerequisite – Recommended A or B in previous Social Studies and English classes

Advanced Placement Psychology is a course based on content established by the College Board. This yearlong course is designed to introduce students to the systematic and scientific study of behavior and mental processes and will prepare the student for success on the Advanced Placement Psychology exam, which may earn college credit. Topics include: (1) History and Approaches, (2) Research Methods, (3) Biological Bases of Behavior, (4) Sensation and Perception, (5) States of Consciousness, (6) Learning, (7) Cognition, (8) Motivation and Emotion, (9) Development Psychology, (10) Personality, (11) Testing and Individual Differences, (12) Abnormal Psychology, (13) Treatment of Abnormal Behavior, and (14) Social Psychology. Students signing up for this class should possess strong reading, writing, critical thinking, and discussion abilities. Students should expect 4-5 hours of homework per week for this course, the majority of which will involve reading. It is expected that students will be self-motivated and prepared to accept the responsibility of a college level course. **Students signing up for this class are required to take the AP exam in May.**

**Sociology**

1 Semester / 1 Credit

Grades 10-12, Prerequisite - None

This one semester course is an introduction for the college-bound student to the theories and concepts of sociology. This class illustrates how the groups that one belongs to have a profound influence on the way you think, feel, and act. Sociology looks at groups rather than individuals. Major themes include culture, socialization, race and ethnicity, deviance and social control, social class, inequities of age and gender, the teen years and the social agents of religion, education and the family.

**Ethnic Studies**

1 Semester/ 1 Credit

Grades 11-12, Prerequisite – None

This one semester course provides opportunities to broaden students' perspectives concerning lifestyles and cultural patterns of ethnic groups in the United States. This course will either focus on a particular ethnic group or groups, or use a comparative approach to the study of patterns of cultural development, immigration, and assimilation, as well as the contributions of specific ethnic or cultural groups. The course may also include analysis of the political impact of ethnic diversity in the United States.

**Indiana Studies**

1 Semester/ 1 Credit

This one semester course is an integrated course that compares and contrasts state and national developments in the areas of politics, economics, history, and culture. The course uses Indiana history as a basis for understanding current policies, practices, and state legislative procedures. It also includes the study of state and national constitutions from a historical perspective and as a current foundation of government. Examination of individual leaders and their roles in a democratic society will be included and students will examine the participation of citizens in the political process. Selections from Indiana arts and literature may also be analyzed for insights into historical events and cultural expressions.

# SPECIAL EDUCATION DEPARTMENT

A student will be awarded special education services based on a Case Conference Committee decision. This committee shall consist of a general education teacher, a special education teacher, parents/ guardians, the student, an administrator, and any other provider of educational services. Placement in all of these courses will be determined at the Case Conference. Within the special education department a student may take the following skill courses.

## **Developmental Reading Curriculum Tutoring Pre-Vocational Education Work Program**

**Developmental Reading:** This semester long course is designed to help students improve their reading skills by focusing on fluency, decoding skills, use of context cues, vocabulary development and comprehensions skills. (One elective credit per semester)

**Pre-Vocational Education Work Program:** During the Junior and Senior years of high school, including summers, students will have the opportunity to receive elective credits for community work experience. Number of credits earned per semester depends on the number of hours worked and verification from the employer by the department chair. (Up to four credits per semester)

**Curriculum Tutoring:** This semester long course is designed to provide a smaller setting for students to use in place of a study hall. This structured environment allows the student to get academic assistance with assignments, organize materials, and more time to complete tests, quizzes, or projects. No credit is awarded for this class.

**Resource:** This semester long course is designed to provide an even smaller setting for students to use in place of a study hall. This structured environment allows the student to get behavioral support to develop positive relationships as well as assistance with assignments, organize materials, and more time to complete tests, quizzes or projects if necessary. No credit is awarded for this class.

## **Partnerships Accelerating Community Education (PACE)**

Through a case conference, a student can be eligible for the PACE Program, Partnerships Accelerating Community Education. This is a comprehensive program developed to prepare students for entry into the world of work. This program is designed for high school students with mild disabilities, who are unable to meet the End of Course requirements outlined by the Indiana Department of Education for a high school diploma. Students in this program must earn credits in functional academics which would include Career Ready Language Lab, Math Lab, Life Science, Social Studies Lifeskills, Prevocational Education; 1 Health credit; 2 Physical Education credits; and one credit in Digital Apps and Responsibility.

Pre-Vocational Education Work Program: During the Junior and Senior years of high school, including summers, students will have the opportunity to receive elective credits for community work experience. This will enrich the educational curriculum and add to their vocational experience. Other options for our juniors and seniors include participation in a vocational program at the Central Nine Career Center. Students enrolled in these courses will earn a *Certificate of Completion*. These courses DO NOT count as CORE 40 courses, and will **not** allow a student to graduate with an *Indiana Diploma*.

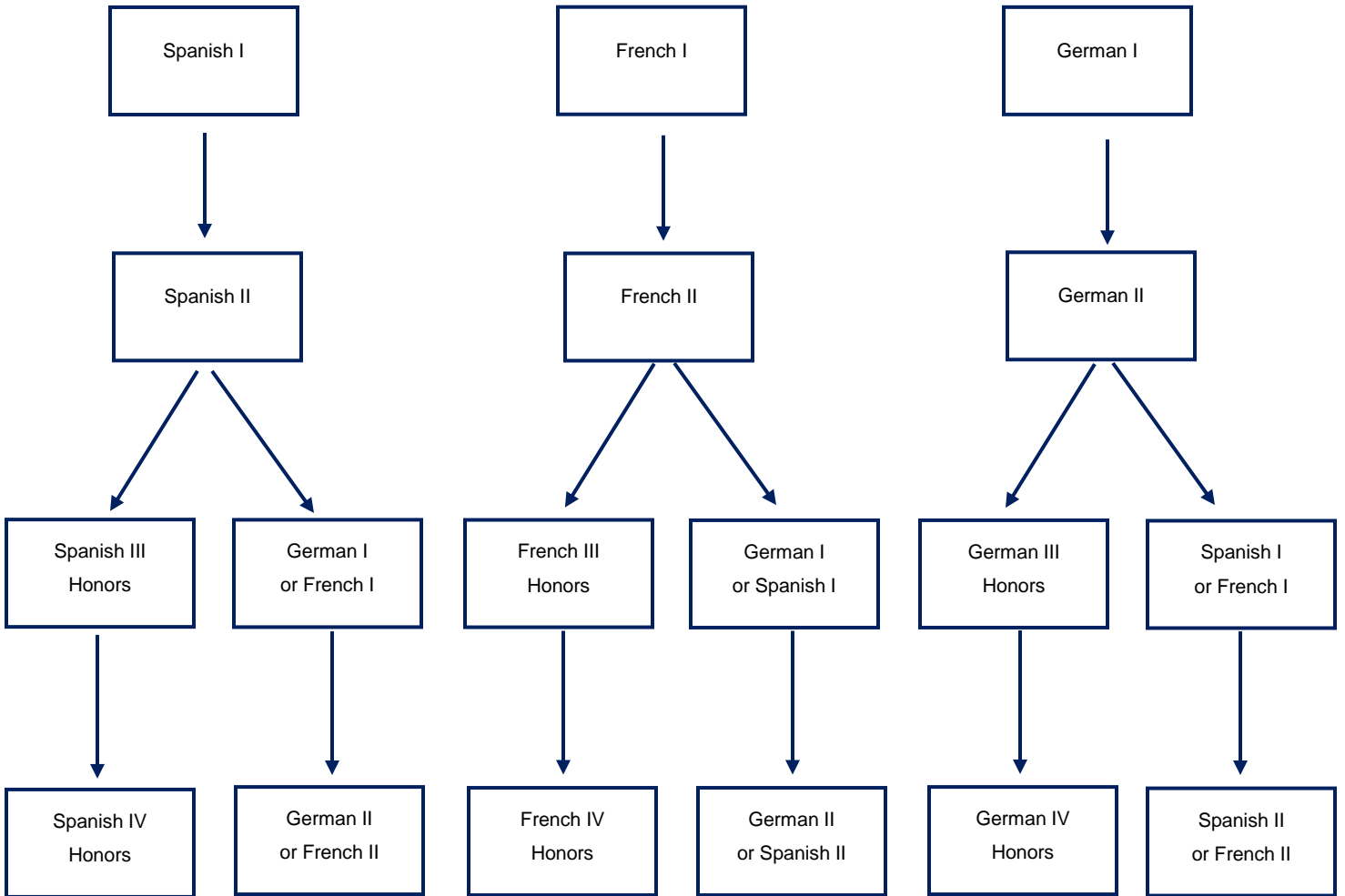
## **Comprehensive Intervention Program (CIP)**

Through a case conference, a student may be eligible for the CIP Program, Comprehensive Intervention Program. This is a comprehensive program developed to meet the individual needs of students with more significant disabilities. The program is designed to meet the functional and vocational needs of each student and prepare them for independent living and the world of work. Adapted Physical Education is a component of this program; adaptive physical education will be offered during the student's freshman and sophomore year in the CIP program. Students in this program will receive a *Certificate of Completion* when they exit Franklin Central High School.



# WORLD LANGUAGE DEPARTMENT

World Language courses available to students.



**All world language courses are designed for students who have demonstrated a willingness to commit considerable time to studying and completing assignments both inside and outside of class. Excellent verbal and written skills are recommended, as well as above average grades in previous English classes. Students will have access to an online textbook and numerous review activities to complete assignments and practice language skills outside of class.**

While world language requirements for colleges and universities differ, many require at least one or two years of world language study for admission. Because most colleges and universities offer world language placement exams for students to test out for credit, it is strongly suggested that four years of the same language be studied for maximum skill development.

All world language courses at Franklin Central are electives. Students with prior experience or knowledge of the target language may be tested for placement into the appropriate level of study. These assessments will measure the student's proficiency in the four major skill areas of learning a world language: listening, speaking, reading and writing.

<u>Course</u>	<u>Prerequisite</u>	<u>Course</u>	<u>Prerequisite</u>	<u>Course</u>	<u>Prerequisite</u>
French I	None	German I	None	Spanish I	None
French II	French I	German II	German I	Spanish II	Spanish I
French III	French II	German III	German II	Spanish III	Spanish II
French IV	French III	German IV	German III	Spanish IV	Spanish III

**Levels III and IV of all languages have a recommendation of earning a C or better in each of the previous semesters.**

### **French I, German I, Spanish I**

2 Semesters / 2 Credits

One year sequenced course of study.

Students at the beginning level will practice correct pronunciation, intonation, and expression in the target language through oral drill and repetition, guided conversations, presentations, dialogues and lecture. Some instruction takes place in the target language. Oral participation in the target language is required. Students will be expected to read short narratives or texts on simple topics and respond in writing using familiar vocabulary and phrases and appropriate grammatical structure. Students will develop an appreciation for the contributions the target cultures have made to the United States and the world. **Students will have access to an online textbook and numerous review activities to complete assignments and practice language skills outside of class.**

### **French II, German II, Spanish II**

2 Semesters / 2 Credits

One year sequenced course of study.

Prerequisite: Students must receive 2 credits in the previous level of study. (C- in the previous level is recommended.)

The Level II world language courses provide students the opportunity to continue skill development that began in Level I. The courses are designed to expand oral proficiency with emphasis on correct pronunciation and intonation. Oral participation in the target language is required. Vocabulary building and a sound understanding of grammatical structures are required. The main verb tenses of the target languages are taught at this level. Students will communicate in the target language in both oral and written activities. Selected short stories, readings or articles are read for understanding and discussion in the target language. Students learn to compare and contrast experiences of the target language cultures with their own. Students will study the unique aspects of the target cultures, such as geography, history, holidays, and customs, at an intermediate level of study. **Students will have access to an online textbook and numerous review activities to complete assignments and practice language skills outside of class.**

### **French III, German III, Spanish III Honors**

2 Semesters / 2 Credits

One year sequenced course of study.

Prerequisite: Students must receive 2 credits in the previous level of study.

The third year study of world language is a challenging continuation of course work in the target language, at a faster pace. **All instruction will be in the target language.** Students will demonstrate oral proficiency to factual and interpretive questions from a variety of social situations. Oral participation in the target language is required. Students will read from authentic materials such as newspapers, magazines, cartoons, and personal correspondence. Literary selections will include selections of poetry, short stories, and/or a condensed novel version of classic literature from the target cultures. Fundamental concepts of the main verb tenses and other structures are reviewed. Students are expected to express themselves proficiently in oral and written work. Classroom projects and discussions provide opportunities for original critical and creative thinking. It is mandatory that all students work efficiently and effectively in both individual and group work. At this level, the course work includes the study of the major historical, political, and social structures as well as the art, music, and other cultural contributions the target cultures has given to the global society. **Students will have access to an online textbook and numerous review activities to complete assignments and practice language skills outside of class.**

### **French IV, German IV, Spanish IV Honors**

2 Semesters / 2 Credits

One year sequenced course of study.

Prerequisite: Students must receive 2 credits in the previous level of study.

Students will demonstrate the ability to respond to factual and interpretive questions in the target language. **All instruction is conducted in the target language.** Oral participation in the target language is required. Critical analysis of different literary, musical, and artistic genre is expected and students will read from detailed, authentic materials such as newspapers, magazines, essays, short stories, poetry and novels. Students will write well organized compositions in the target language on a given topic. The traditions, historical and contemporary events, important contributors, and other cultural topics will be researched and oral presentations will be given in the target language. It is mandatory that all students work efficiently and effectively in both individual and group work. **Students will have access to an online textbook and numerous review activities to complete assignments and practice language skills outside of class.**