

FRANKLIN CENTRAL

COURSE CATALOG – 2019-2020



2018 Washington Post’s “America’s Most Challenging High Schools”

2018 US News & World Report “Best High Schools Silver Medal”

2018 Newsweek Magazine “Top 500 Schools in the United States—Beating the Odds”

**Franklin Central High School
6215 S. Franklin Road
Indianapolis, IN, 46259
www.ftcsc.k12.in.us
(317) 862-6646**



FRANKLIN CENTRAL COURSE CATALOG

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FRANKLIN CENTRAL COUNSELING DEPARTMENT

Ms. Ellen Simpson

Grade 9, Last Names G – Z

ellen.simpson@ftcsc.k12.org

Mr. Tim Siegert

Grade 9, Last Names A – F

Grades 10 – 12, Last Names A – Br

timothy.siegert@ftcsc.k12.org

Mrs. Tami Jacobs

Grades 10-12, Last Names Bu – G

tami.jacobs@ftcsc.k12.org

Mrs. Rebecca Fledderman

Grades 10 – 12, Last Names H – Ma

rebecca.fledderman@ftcsc.k12.org

Mrs. Christy Addison

Grades 10 – 12, Last Names Mc – Sc

christy.addison@ftcsc.k12.org

Mrs. Wendy Ternieden

Grades 10 – 12, Last Names Se – Z

wendy.ternieden@ftcsc.k12.org

Mrs. Deb MacNaughton, Registrar

deb.macnaughton@ftcsc.k12.org

Mrs. Brandy Ramsey, Counseling Receptionist

brandy.ramsey@ftcsc.k12.org

Mrs. Debbie Sandberg, Counseling Administrative Assistant

debbie.sandberg@ftcsc.k12.org

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 1st, 2019. 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. 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)

Other Electives: (9)

Graduation Exams:

ISTEP

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

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:
 Biology-1 Biology-2
- 2 credits required:
 Chemistry-1 Chemistry-2
 Physics-1 Physics-2
 Integrated Chemistry-Physics-1 Integrated Chemistry-Physics-2
- 2 additional credits: any other FC Science course

Social Studies: 6 credits required as follows

- 2 credits required:
 Geography & History of the World-1 Geography & History of the World-2
OR
- World History-1 World History-2
- 2 credits required:
 US History-1 US History-2
- 2 credits required:
 US Government 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"/> <input type="checkbox"/> French I, German I, or Spanish I | <input type="checkbox"/> <input type="checkbox"/> |
| <input type="checkbox"/> <input type="checkbox"/> French II, German II, or Spanish II | <input type="checkbox"/> <input type="checkbox"/> |
| <input type="checkbox"/> <input type="checkbox"/> French III, German III, or Spanish III | |

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

Pathway to Graduation

In addition to diploma requirements (FC Honors, Academic Honors, Core 40, or General), students must demonstrate both:

College and Career Readiness

You must demonstrate that you are ready for college, the military, or a career by completing ONE of the following:

- ACT: 18 English/22 Reading AND 22 Math/23 Science
- ASVAB: 31 or higher AFQT
- SAT: 480 ERW AND 530 Math
- Academic or Technical Honors Diploma
- AP or Dual Credit classes: C average in 3+ courses
- CTE Courses: C average in 6+ credits in a career sequence – Found on next 2 pages

AND

Employability Skills

You must demonstrate that you can get and keep a job:

Complete the Employability Skills Course in Canvas

AND

Earn a Satisfactory Performance Review from a supervisor documenting ONE of the following:

- Volunteer/Community Service – 20 hours
- Paid Employment – 100 hours
- FCHS Sport – full season
- FCHS Extracurricular – full year
- School Administrator Approval

OR you may ELECT to demonstrate employability skills by earning the Governor's Work Ethic Certificate.

This requires ALL of the following:

- Completing the Employability Skills Course in Canvas
- Satisfactory IMPACT review from at least 2 teachers
- Minimum cumulative GPA of 2.0 (9th-12th)
- Minimum attendance of 98% in 12th Grade
- One or fewer disciplinary incidents in 12th Grade
- Six hours of community service

For the Classes of 2019-22, passing both sections of ISTEP+ exempts students from Pathway requirements

Graduation Pathways Career Sequences at Franklin Central HS

Pathway	Eligible Courses		Pathway
Early Childhood	Preparing for College and Careers	Health Career Specialities	Preparing for College and Careers
	Nutrition and Wellness		Nutrition and Wellness
	Child Development		Interpersonal Relationships
	Advanced Child Development		Child Development
	Interpersonal Relationships		Anatomy & Physiology
	Early Childhood Education I		
Education Careers	Preparing for College and Careers	Human & Social Services	Preparing for College and Careers
	Child Development		Nutrition and Wellness
	Advanced Child Development		Introduction to Business
	Interpersonal Relationships		Advanced Nutrition and Wellness
	Education Professions I		Child Development
Electronics	Preparing for College and Careers	Interactive Media	Interpersonal Relationships
	Introduction to Manufacturing		Adult Roles and Responsibilities
	Introduction to Engineering Design PLTW		Human and Social Services I
	Digital Electronics PLTW		
Engineering	Preparing for College and Careers	PC Support / IT Technology Support	Preparing for College and Careers
	Introduction to Engineering Design PLTW		Introduction to Communication
	Principles of Engineering PLTW		Computer Illustration and Graphics
	Computer Science 1	Interactive Media	
	Civil Engineering and Architecture PLTW	Web Design	
	Digital Electronics PLTW		
Entrepreneurship & Management	Preparing for College and Careers	Visual Communication	Preparing for College and Careers
	Digital Applications & Responsibility		Introduction to Computer Science
	Introduction to Business		Digital Applications & Responsibility
	Introduction to Accounting		Computer Science I
	Principles of Marketing		Information Technology Support
	Principles of Business Management		Preparing for College and Careers
	Business Law and Ethics		Introduction to Communication
	Administrative and Office Management		Computer Illustration and Graphics
	Interactive Media		
	Web Design		

*** For 2019-20 Registration for Class of 2020 - Accurate as of 11/2019 ***

Graduation Pathways Career Sequences at Central Nine Career Center

Pathway	Eligible Courses	Pathway	Eligible Courses
Automotive Collision	Preparing for College and Careers	Dental	Preparing for College and Careers
	Automotive Collision Repair I		Interpersonal Relationships
Automotive Technology	Preparing for College and Careers		Dental Careers I
	Automotive Services Technology I	EMT/Paramedic	Preparing for College and Careers
Aviation Flight & Operations	Preparing for College and Careers		Emergency Medical Services
	Introduction to Engineering Design PLTW		Fire and Rescue I
	Aviation Operations	Fire & Rescue	Preparing for College and Careers
Aviation Maintenance	Preparing for College and Careers		Interpersonal Relationships
	Introduction to Engineering Design PLTW		Fire and Rescue I
	Aviation Maintenance I	Health Career Specialities	Preparing for College and Careers
Biomedical	Preparing for College and Careers		Child Development
	Nutrition and Wellness		Nutrition and Wellness
	PLTW Principles of Biomedical Sciences		Interpersonal Relationships
	PLTW Human Body Systems		Anatomy & Physiology
	PLTW Medical Interventions		Health Science Education II: Nursing
	PLTW Biomedical Innovation		Health Science Careers: Nursing
Biotechnology	Preparing for College and Careers	Nutrition and Wellness	
	PLTW Principles of Biomedical Sciences	Interpersonal Relationships	
	PLTW Human Body Systems	Child Development	
	PLTW Medical Interventions	Anatomy & Physiology	
	PLTW Biomedical Innovation	Health Science Education II: Nursing	
Computer Science: Networking	Preparing for College and Careers	Horticulture & Landscape	Preparing for College and Careers
	Introduction to Computer Science		Landscape Management I
	Digital Applications & Responsibility		Landscape Management II
	Computer Science I	HVAC	Preparing for College and Careers
	Information Technology Support		Introduction to Construction
	Networking I		Construction Technology HVAC I
Computer Science: Programming	Preparing for College and Careers	Machine Tool	Preparing for College and Careers
	Digital Applications & Responsibility		Introduction to Manufacturing
	Computer Science I		Precision Machining I
	Computer Science II	Veterinary	Preparing for College and Careers
Construction	Preparing for College and Careers		Anatomy & Physiology
	Introduction to Construction		Veterinary Careers I
	Construction Trades I	Visual Communication	Preparing for College and Careers
Cosmetology	Preparing for College and Careers		Introduction to Communication
	Introduction to Business		Computer Illustration and Graphics
	Interpersonal Relationships		Interactive Media
	Nutrition and Wellness		Graphic Imaging Technology
	Cosmetology I		Web Design
	Preparing for College and Careers		Graphic Design and Layout
Criminal Justice	Interpersonal Relationships	Welding	Preparing for College and Careers
	Criminal Justice I		Introduction to Engineering Design PLTW
	Preparing for College and Careers		Introduction to Manufacturing
Culinary Arts	Nutrition and Wellness		Welding Technology I
	Advanced Nutrition and Wellness		
	Interpersonal Relationships		
	Culinary Arts and Hospitality I		

*** For 2019-20 Registration for Class of 2020 - Accurate as of 11/2019 ***

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.

Franklin Central High School Advanced Placement Agreement

Date: July 17, 2018

AP Coordinator: Amy McCabe, Assistant Principal

Student Name: _____

Parent Name: _____

AP Course(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 \$95.00* for all non-math/English/science exams. I understand that all fees will be forfeited should I fail to take the AP Exam.

*AP fees are waived for students who participate in the free/reduced lunch program. Please check here if you are included in this program (verified via school records.)

F/R Program _____

Student/Parent Signature

Date

*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)

FCHS BUSINESS DEPARTMENT

The Franklin Central Business Department offers 17 distinct classes. These classes most closely align students with the **Indiana Career & Technical Education Pathways**, which provide an aligned sequence of courses for students to take to better prepare them for their career interests.

Why Pathways?

Today's cutting-edge, rigorous and relevant Career and Technical Education (CTE) pathways prepare youth for a wide range of high-wage, high-skill, high-demand careers. The mission of Career and Technical Education (CTE) in Indiana is to ensure an education system of high quality and equity for the academic achievement and career preparation of all Indiana students. Students in Indiana's secondary CTE programs will gain the knowledge, skills, and abilities needed for success in postsecondary education and economically viable career opportunities. (IDOE)

Listed 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.

To complete a Pathway a student must earn at least six passing credits in that pathway.

In addition, 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 prerequisite and grade-levels are met. Students may obtain a grade-level or prerequisite waiver via the Guidance office or from the current teacher.

BUSINESS DEPARTMENT

Business courses available to each grade level.

Grade 9 Courses

Introduction to Business
(1 Sem.)

Introduction to Computer Science
(2 Sem.)

Digital Applications & Responsibility-1
(1 Sem.)

Digital Applications & Responsibility-2
(1 Sem.)

Preparing for College and Careers
Via FACS Dept.
(1 Sem.)

Grade 10 Courses

Introduction to Business
(1 Sem.)

Introduction to Computer Science
(2 Sem.)

Introduction to Accounting
(2 Sem.)

Computer Science I
(2 Sem.)

Personal Financial Responsibility
(1 Sem.)

Digital Applications & Responsibility-1
(1 Sem.)

Digital Applications & Responsibility-2
(1 Sem.)

Information Technology Support
Via Engineering & Technology Education
Dept.
(2 Sem.)

Grade 11 and 12 Courses

Digital Applications & Responsibility-1
(1 Sem.)

Introduction to Accounting
(2 Sem.)

Computer Science 1
(2 Sem.)

Computer Science 1 A-AP
Java Language
(2 Sem.)

OR
College Credit

Computer Science 1 Principles -AP
Various Languages
(2 Sem.)

OR
College Credit

Personal Financial Responsibility
(1 Sem.)

Information Technology Support
Via Engineering & Technology Education Dept.
(2 Sem.)

Grade 12 Courses

Business Math
Guidance Dept. Approval
Required
(2 Sem.)

Digital Applications & Responsibility-2
(1 Sem.)
(Microsoft Office Cert.)

College Credit

Computer Illustration & Graphics
(2 Sem.)
(Adobe ACE Certification)

Web Design
(1 Sem.)

Principles of Business Management
(2 Sem.)

College Credit

Business Law & Ethics
(1 Sem.)

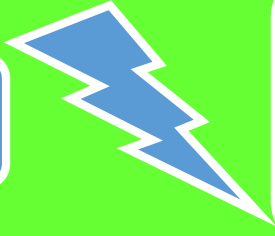
Interactive Media
(2 Sem.)

Principles of Marketing
(2 Sem.)

Administrative and Office Management
(2 Sem.)

College Credit

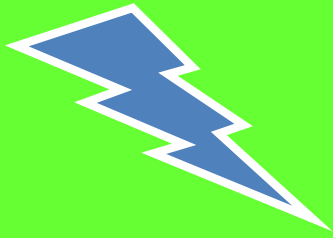
Pathway 1
Interactive Media



Suggested Courses of Interest:

Preparing for College and Careers
Digital Applications & Responsibility
Introduction to Communications
Computer Illustration & Graphics
Web Design
Interactive Media

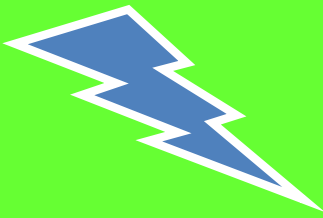
Pathway 2
Entrepreneurship & Business Management



Suggested Courses of Interest:

Preparing for College and Careers
Digital Applications & Responsibility
Introduction to Accounting
Introduction to Business
Business Law and Ethics
Principles of Business Management
Principles of Marketing
Administrative and Office Management

Pathway 3
**Computer Science
Technology Support**



Suggested Courses of Interest:

Preparing for College and Careers
Digital Applications & Responsibility
Introduction to Computer Science
Web Design*
Interactive Media *
Computer Science 1
Computer Science 1 AP - Principles - Java
Computer Science 1 AP - A Code.org
Information Technology Support Capstone

Students' business needs have changed dramatically. Computer skills and knowledge are now essential to those that will be attending college and to those entering the workforce. 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.

Course Code	High School Course Titles	Recommended Year(s) 9, 10, 11, 12	Prerequisite Required
5268	Administrative and Office Management	12	4262 or 5914
4560	Business Law and Ethics	11, 12	none
4512	Business Math	12	2520
4516	Computer Illustration and Graphics	11, 12	none
4801	Computer Science I	10, 11, 12	4803
4568	Computer Science I AP-Principles Java	11, 12	4803
4570	Computer Science I AP-A Code.org	11, 12	4803
4528	Digital Application and Responsibility	9, 10, 11, 12	none
5232	Interactive Media	11, 12	4528
4524	Introduction to Accounting	10, 11	none
4518	Introduction to Business	9, 10	none
4803	Introduction to Computer Science	9, 10	none
4540	Personal Financial Responsibility	10, 11, 12	none
5394	Preparing for College and Careers	9	none
4562	Principles of Business Management	11, 12	4518
5914	Principles of Marketing	11, 12	none
4574	Web Design	11, 12	4790

^Microsoft Office Specialist Certification testing available.

^Adobe ACE Certified Associate 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 or Ivy Tech Community College.** 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. 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)

1. **FCHS Course Name: Administrative and Office Management**
Ivy Tech Community College: Principles of Management BUSN 105
2. **FCHS Course Name: Digital Applications & Responsibility: (2nd Semester)**
Ivy Tech Community College: Introduction to Microcomputers CINS 101
3. **FCHS Course Name: Principles of Business Management**
Vincennes: Introduction to Business MGMT 100
4. **FCHS Course Name: Computer Science AP Principles - Java**
Vincennes: Introduction to Java Programming COMP 252
5. **FCHS Course Name: Computer Science AP A – Various Languages (Code.org based)**
Vincennes: Introduction to Computer Concepts COMP 110

COURSE DESCRIPTIONS:

Administrative and Office Management prepares students to plan, organize, direct, and control the functions and processes of a firm or organization and to perform business-related functions. Students are provided opportunities to develop attitudes and apply skills and knowledge in the areas of business administration, management, and finance. Individual experiences will be based upon the student's career and educational goals.

- Recommended Grade Level: 12
- Required Prerequisites: Principles of Business Management or Principles of Marketing
- Credits: 2-semester course, 2 semesters required, 1-2 credits per semester, 4 credits maximum
- Counts as a Directed Elective or Elective for all diplomas

Business Law and Ethics provide an overview of the legal system in the business setting. Topics covered include basics of the judicial system, contract, personal, employment and property law. Application of legal principles and ethical decision-making techniques are presented through problem-solving methods, case review, and situational analyses.

- Recommended Grade Level: 11, 12
- Recommended Prerequisites: None
- Credits: 1 semester course, 1 credit per semester, 2 credits maximum
- Counts as a Directed Elective or Elective for all diplomas

Business Math is a 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.

- Recommended Grade Level: 12 (**only with Guidance Department approval**)
- Prerequisites: Algebra I
- Credits: 2-semester course, 1 credit per semester, 2 credits maximum
- Counts as an Elective or Directed Elective for all diplomas
- Fulfills a Mathematics requirement for the General Diploma or Certificate of Completion only
- Qualifies as a quantitative reasoning course

Computer Illustration and Graphics introduces students to the computer's use in visual communication. The focus of the course is on basic computer terminology and use, mastering fundamental skills, and developing efficient working styles. These skills are then developed by creating work with imaging, drawing, interactive, and page layout software. The course includes organized learning experiences that incorporate a variety of visual art techniques as they relate to the design and execution of layouts and illustrations for advertising, displays, promotional materials, and instructional manuals. This course also covers advertising theory and preparation of copy, lettering, posters, vector illustrations, graphics and logos, and artwork in addition to the incorporation of photographic images. Communication skills will be emphasized through the study of effective methods used to design products that impart information and ideas. Advanced instruction might include experiences in silk screening and airbrush techniques as well as activities in designing product packaging and commercial displays or exhibits.

- Recommended Grade Level: 11, 12
- Recommended Prerequisites: Digital Applications and Responsibility
- Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum
- Counts as a Directed Elective or Elective for all diplomas

Computer Science 1 and its associated AP courses introduce the structured techniques necessary for the efficient solution of business-related computer programming logic problems and coding solutions into a high-level language. The fundamental concepts of programming are provided through explanations and effects of commands and hands-on utilization of lab equipment to produce accurate outputs. Topics include program flow-charting, pseudocoding, and hierarchy charts as a means of solving problems. The course covers creating file layouts, print charts, program narratives, user documentation, and system flowcharts for business problems; algorithm development and review, flowcharting, input/output techniques, looping, modules, selection structures, file handling, control breaks, and offers students an opportunity to apply skills in a laboratory environment.

- Recommended Grade Level: 10, 11, 12
- Required Prerequisites: Introduction to Computer Science or teacher confirmation of student demonstration of mastery of the Intro to Computer Science standards
- Credits: 2-semester course, 2 semesters required, 1 credit per semester, 2 credits maximum
- Counts as a Directed Elective or Elective for all diplomas
- Qualifies as a quantitative reasoning course

Computer Science I A-AP (Java Language Focus – Text Based Programming) The AP Computer Science A course covers topics typically found in a college-level first course in computer science, and provides a solid preparation for the AP Computer Science A examination. The course emphasis is on procedural abstraction, data abstraction, object-oriented design and programming methodology using the Java programming language, and the use of algorithms and data structures.

Major topical areas include:

- the concepts of computer science; program control constructs; use of arrays and strings; object-oriented design and programming concepts; understanding existing designs and code; the use of sorting and searching algorithms; use of standard Java class libraries.

Highly qualified instructors guide students through video lectures, readings, forum discussions, design and programming exercises, project assignments, and other resources. Student knowledge is assessed through homework assignments, projects, and exams.

- Recommended Grade Level: 10, 11, 12
- Required Prerequisites: Introduction to Computer Science or teacher confirmation of student demonstration of mastery of the Intro to Computer Science standards
- Credits: 2-semester course, 2 semesters required, 1 credit per semester, 2 credits maximum
- Counts as a Directed Elective or Elective for all diplomas
- Qualifies as a quantitative reasoning course

Computer Science I P-AP (Various Languages - Visual Based Programming) The AP Computer Science Principles course develops computational thinking skills in the context of creative problem solving. The primary goal of the course is to “introduce students to the foundational concepts of computer science and challenge them to explore how computing and technology can impact the world.” The course seeks to broaden participation in computer science by attracting a diverse student body. You will learn about ways to analyze and study data, work with large data sets, and draw conclusions from trends. Although the skill set you develop in this class is prescribed by the course’s core curriculum, the exact ways in which you apply your knowledge will be up to you. The College Board encourages teachers to foster student creativity in problem solving and allow students to select the specific real world applications for their work.

The AP Computer Science Principles course seeks to increase participation in coding and STEM-related activities. **Unlike the AP Computer Science A** course, which specifies instruction in Java programming, the Computer Science Principles course allows the programming language to be selected by the teacher based on what is most appropriate for the specific class of students. A list of possible programming languages is available here. Additionally, the AP Computer Science A course dictates how students should apply their knowledge by specifying the tasks for which code should be written. In contrast, the AP Computer Science Principles course puts emphasis on the student’s creation of the context for their own work. You will come up with your own real world problems or issues to tackle.

- Recommended Grade Level: 10, 11, 12
- Required Prerequisites: Introduction to Computer Science or teacher confirmation of student demonstration of mastery of the Intro to Computer Science standards
- Credits: 2-semester course, 2 semesters required, 1 credit per semester, 2 credits maximum
- Counts as a Directed Elective or Elective for all diplomas
- Qualifies as a quantitative reasoning course

Digital Applications and Responsibility prepares students to use technology in an effective and appropriate manner in school, in a job, or everyday life. Students develop skills related to word processing, spreadsheets, presentations, and communications software. Students learn what it means to be a good digital citizen and how to use technology, including social media, responsibly. Students expand their knowledge of how to use digital devices and software to build decision-making and problem-solving skills. Students should be provided with the opportunity to seek industry-recognized digital literacy certifications.

- Recommended Grade Level: 9, 10, 11, 12
- Recommended Prerequisites: None
- Credits: 2 semester course, 1 credit per semester, 2 credits maximum
- Counts as a Directed Elective or Elective for all diplomas

Interactive Media prepares students for careers in business and industry working with interactive media products and services; which includes the entertainment industries. This course emphasizes the development of digitally generated or computer-enhanced products using multimedia technologies. Students will develop an understanding of professional business practices including the importance of ethics, communication skills, and knowledge of the “virtual workplace”.

- Recommended Grade Level: 11, 12
- Required Prerequisites: Digital Applications and Responsibility
- Recommended Prerequisites: Introduction to Communications
- Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum
- Counts as a Directed Elective or Elective for all diplomas

Introduction to Accounting introduces the language of business using Generally Accepted Accounting Principles (GAAP) and procedures for proprietorships and partnerships using double-entry accounting. Emphasis is placed on accounting principles as they relate to both manual and automated financial systems. This course involves understanding, analyzing, and recording business transactions and preparing, analyzing, and interpreting financial reports as a basis for decision-making

- Recommended Grade Level: 10, 11
- Recommended Prerequisites: None
- Credits: 2-semester course, 2 semesters required, 1 credit per semester, 2 credits maximum
- Counts as a Directed Elective or Elective for all diplomas

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

- Recommended Grade Level: 9, 10, 11
- Recommended Prerequisites: None
- Credits: 1 semester course, 1 credit per semester, 2 credits maximum
- Counts as a Directed Elective or Elective for all diplomas

Introduction to Computer Science allows students to explore the world of computer science. Students will gain a broad understanding of the areas composing computer science. Additionally, there is a focus on the areas of computer programming, gaming/mobile development, and artificial intelligence/robotics.

- Recommended Grade Level: 9, 10
- Recommended Prerequisites: None
- Credits: 2 semester course, 1 credit per semester, 2 credits maximum
- Counts as a Directed Elective or Elective for all diplomas

Personal Financial Responsibility addresses the identification and management of personal financial resources to meet the financial needs and wants of individuals and families, considering a broad range of economic, social, cultural, technological, environmental, and maintenance factors. This course helps students build skills in financial responsibility and decision making; analyze personal standards, needs, wants, and goals; identify sources of income, saving and investing; understand banking, budgeting, record-keeping, and managing risk, insurance and credit card debt. A project-based approach and applications through authentic settings such as work-based observations and service learning experiences are appropriate. Direct, concrete applications of mathematics proficiencies in projects are encouraged.

- Recommended Grade Level: 10, 11, 12
- Recommended Prerequisites: None
- Credits: 1-semester course, 1 credit per semester, 1 credit maximum
- Counts as a Directed Elective or Elective for all diplomas
- Qualifies as a quantitative reasoning course

Principles of Business Management focuses on the roles and responsibilities of managers as well as opportunities and challenges of ethically managing a business in the free-enterprise system. Students will attain an understanding of management, team building, leadership, problem-solving steps and processes that contribute to the achievement of organizational goals. The management of human and financial resources is emphasized.

- Recommended Grade Level: 11, 12
- Recommended Prerequisites: Introduction to Business
- Credits: 2-semester course, 1 credit per semester, 2 credits maximum
- Counts as a Directed Elective or Elective for all diplomas

Principles of Marketing provides a basic introduction to the scope and importance of marketing in the global economy. Emphasis is placed on oral and written communications, mathematical applications, problem-solving, and critical thinking skills as they relate to advertising/promotion/selling, distribution, financing, marketing information management, pricing, and product/service management.

- Recommended Grade Level: 11, 12
- Recommended Prerequisites: None
- Credits: 2 semester course, 1 credit per semester, 2 credits maximum
- Counts as a Directed Elective or Elective for all diplomas

Web Design is a course that provides instruction in the principles of web design using HTML/XHTML and current/emerging software programs. Areas of instruction include audience analysis, hierarchy layout, and design techniques, software integration, and publishing. Instructional strategies should include peer teaching, collaborative instruction, project-based learning activities, and school community projects.

- Recommended Grade Level: 11, 12
- Recommended Prerequisites: Introduction to Communications
- Required Prerequisites: Digital Applications and Responsibility
- Credits: 2 semester course, 1 credit per semester, 2 credits maximum
- Counts as a Directed Elective or Elective for all diplomas

Possible Scenarios to Earning a Core 40 with Technical Honors Diploma Through the FCHS Business Department

- Earn 6 credits in a Pathway
- Earn 6 college credits (2 classes) in Pathway

Classes that fulfill 6 credits in a career pathway for the Technical Honors Diploma.

Classes that fulfill 6 hours of college credit requirement (*Must take these 2 classes junior or senior year*)

<p>Scenario 1 Interactive Media</p>	<p>9th Grade – Preparing for College & Careers, Digital Applications & Responsibility (Dual Credit and MOS Certification available)</p> <p>10th Grade – Introduction to Communications, Computer Illustration and Graphics</p> <p>11th Grade – Interactive Media, Web Design</p> <p>12th Grade – Entrepreneurship & New Ventures Capstone (Dual Credit)</p>
<p>Scenario 2 Entrepreneurship & Business Management</p>	<p>9th Grade – Preparing for College & Careers, Digital Applications & Responsibility (Dual Credit and MOS Certification available)</p> <p>10th Grade – Introduction to Accounting, or Principles of Marketing, or Introduction to Business, or Introduction to Entrepreneurship (<i>selections based on student concentration</i>)</p> <p>11th Grade – Business Law & Ethics, Principles of Business Management (Dual Credit)</p> <p>12th Grade – Administrative and Office Management (Dual Credit) OR</p> <p>12th Grade – Entrepreneurship & New Ventures Capstone (Dual 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>
Agriculture		
Landscape Management and Horticulture Science	11-12	
Architecture & Construction		
Construction Trades	11-12	
Arts, AV Technology & Communication		
Visual Communications	11-12	
Business & Marketing and Information Technology		
Computer Programming/Science	11-12	
Work Based Learning	12	Transportation, Teacher Approval
Health Science		
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 th
Veterinary Careers	11-12	Transportation for 2 nd year students
Dental Careers	11-12	
Project Lead the Way: Biomedical Sciences	11-12	
Hospitality & Human Services		
Culinary Arts & Hospitality Management	11-12	
Cosmetology	11-12	Transportation, selection process, mandatory 2-year program
Manufacturing and Logistics:		
Advanced Manufacturing	11-12	
Electronics & Computer Networking	11-12	
Computer Programming	11-12	
Precision Machine Technology	11-12	
Welding Technology	11-12	
Public Service		
Criminal Justice	11-12	
Fire & Rescue	11-12	17 by April 1 st , 1-year program
Emergency Medical Services	12	18 by April 1 st
Transportation and Motor Sports Academy		
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.****

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
Project Lead the Way – Engineering Academy		
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 Nutrition and Wellness-Fitness (2 Semesters)	Nutrition and Wellness Nutrition and Wellness-Fitness (2 Semesters)	Nutrition and Wellness Nutrition and Wellness-Fitness (2 Semesters)	Nutrition and Wellness Nutrition and Wellness-Fitness (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 Advanced Child Development (1 of 2 Semesters) Spring Semester Only	Child Development (1 of 2 Semesters) Fall Semester Only Advanced Child Development (1 of 2 Semesters) Spring Semester Only	Child Development (1 of 2 Semesters) Fall 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)
		Early Childhood Education I (2 Semesters)	Early Childhood Education I (2 Semesters)
		Education Professions (2 Semesters)	Education Professions (2 Semesters)
		Human and Social Services I (2 Semesters)	Human and Social Services I (2 Semesters)

<u>Course</u>	<u>Grade</u>	<u>Prerequisite</u>
Adult Roles and Responsibilities	11-12	None
Advanced Child Development	10-12	Child Development
Advanced Life Science: Foods 1-2	11-12	Nutrition & Wellness, Nutrition and Wellness - Fitness, Advanced Nutrition & Wellness 1-2, Biology, Chemistry, Physics
Advanced Nutrition and Wellness 1-2	10-12	Nutrition & Wellness, Nutrition and Wellness - Fitness
Child Development	10-12	None
Early Childhood Education	11-12	Nutrition and Wellness, Child Development, and Advanced Child Development
Education Professions	11-12	Nutrition and Wellness, Child Development, Advanced Child Development, and Interpersonal Relationships
Human and Social Services	11-12	Nutrition and Wellness, Child Development, and Interpersonal Relationships
Interpersonal Relationships	9-12	None
Introduction to Fashion and Textiles 1-2	9-12	None
Introduction to Housing and Interior Design	10-12	None
Nutrition and Wellness, Nutrition and Wellness - Fitness	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. Direct, concrete mathematics and language arts proficiencies will be applied.

This course provides the foundation for continuing and post-secondary education in all career areas related to individual and family life and as a career sequence course for students with interest in family and community services, personal and family finance. This course is one course in a series of three Family and Consumer Sciences courses that can be taken to meet the Health and 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 as well as special conditions affecting children. Direct, concrete mathematics and language arts proficiencies will be applied. 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, Nutrition and Wellness - Fitness, 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 and Nutrition and Wellness - Fitness

Advanced Nutrition and Wellness is a two semester course that builds on the foundation established in Nutrition and Wellness and Nutrition and Wellness - Fitness, which are prerequisites. 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 lifespan. Direct, concrete mathematics and language arts proficiencies will be applied. 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 a continuation of 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 / Advanced Child Development

2 Semesters / 2 Credits

Grades 10-12 (Child Development - Offered Fall Semester ONLY / Advanced Child Development - Offered Spring 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. Direct, concrete mathematics and language arts proficiencies will be applied. 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 Wellness one-credit requirement. (See note at end of FACS section.)

Advanced Child Development is the second course in this 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 as well as special conditions affecting children. Direct, concrete mathematics and language arts proficiencies will be applied. This course provides the foundation for continuing and post-secondary education in all career areas related to children, child development, and nurturing of children.

Early Childhood Education (ECE I)

2 Semesters / 2 Credits

Grades 11-12

Prerequisites: Nutrition and Wellness, Child Development, and Advanced Child Development

Early Childhood Education prepares students for employment in early childhood education and related careers that involve working with children from birth to 8 years. This course provides the foundations for study in higher education that leads to early childhood education and other child-related careers. Major course topics include: career paths in early childhood education; promoting child development and learning; building family and community relationships; observing, documenting, and assessing development and age-appropriate behaviors to support young children and families; using developmentally effective approaches; using content knowledge to build meaningful curriculum, and the necessary education/training for becoming an early childhood education professional. The course provides an overview of the history, theory, and foundations of early childhood education as well as exposure to types of programs, curricula, and services available to young children. Students will examine the basic principles of child development, importance of family, licensing, and elements of quality care of young children. The course addresses planning and guiding developmentally appropriate activities for young children in various childcare settings; developmentally appropriate practices of guidance and discipline; application of basic health, safety, and nutrition principles when working with children; overview of management and operation of licensed child care facilities or educational settings; child care regulations and licensing requirements; and employability skills. Intensive experiences in one or more early childhood settings, resumes, and career portfolios are required components. Students will be monitored in a laboratory/field experience which is either school-based or "on-the-job" in a community-based early childhood education center.

Two semesters are required to meet the requirements of this course and the two semesters must be scheduled consecutively.

Education Professions (ED PROF 1)

2 Semesters / 2 Credits

Grades 11-12

Prerequisites: Nutrition and Wellness, Child Development, Advanced Child Development, and Interpersonal Relationships

Education Professions I provides the foundation for employment in education and related careers and prepares students for study in higher education. The course of study will include: the teaching profession, the learner and the learning process, planning instruction, the learning environment, and instructional and assessment strategies. These topics will be integrated in an active learning approach that utilizes higher order thinking, communication, leadership, and management processes associated with the study of education and related careers. Exploratory field experiences in classroom settings and career portfolios are required components of the course. A standards-based plan guides the students' field experiences and students will be monitored in their field experiences by the teacher.

Two semesters are required to meet the requirements of this course and the two semesters must be scheduled consecutively.

Human and Social Services I

2 Semesters / 2 Credits

Grades 11-12

Prerequisites: Nutrition and Wellness, Interpersonal Relationships, Child Development

Human and Social Services I is an introductory/exploratory course for students interested in careers in human and community services and other helping professions. Areas of exploration include family and social services, youth development, adult and elder care, and other for-profit and nonprofit services.

This project-based course will help students integrate higher order thinking, communication, leadership, and management processes to conduct investigations in human and social services at the local, state, national, or global/world level. Students will be introduced to human and social services professions through a variety of presentations including guest speakers and required field experiences. Case studies, role play, and application of professional codes of ethics will be utilized reflecting the challenges of working in diverse communities. Achievement of applicable FACS, academic, and employability competencies will be documented through a required student portfolio.

Two semesters are required to meet the requirements of this course and the two semesters must be scheduled consecutively.

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. Direct, concrete language arts proficiencies will be applied. 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 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.

Direct, concrete mathematics and language arts proficiencies will be applied. 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 and language arts 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 Semester / 1 Credit**

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 one 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. Direct, concrete mathematics and language arts proficiencies will be applied. 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 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 is an essential course for the foundation of every career pathway. This course 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 Wellness one-credit requirement. (See note at end of FACS section.)

511 IAC 6-7.1-4 (c) (6): Health and Safety Credit

The 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.

Career Pathway: Dietetics & Nutrition Science

Career Pathway: Education Careers

Course # 5394	1 credit	Preparing for College and Careers		Course # 5394	1 credit	Preparing for College and Careers
Course # 5342	1 credit	Nutrition and Wellness		Course # 5342	1 credit	Nutrition and Wellness
Course # 5364	1 credit	Interpersonal Relationships		Course # 5364	1 credit	Interpersonal Relationships
Course # 5340	2 credits	Advanced Nutrition and Wellness		Course # 5360	1 credit	Advanced Child Development
Course # 5362	1 credit	Child Development		Course # 5408	2 credits	Education Professions

Career Pathway: Early Childhood

Career Pathway: Human and Social Services

Course # 5394	1 credit	Preparing for College and Careers		Course # 5394	1 credit	Preparing for College and Careers
Course # 5342	1 credit	Nutrition and Wellness		Course # 5342	1 credit	Nutrition and Wellness
Course # 5364	1 credit	Interpersonal Relationships		Course # 5364	1 credit	Interpersonal Relationships
Course # 5362	1 credit	Child Development		Course # 5340	2 credits	Advanced Nutrition and Wellness
Course # 5360	1 credit	Advanced Child Development		Course # 5362	1 credit	Child Development
Course # 5412	2 credits	Early Childhood Education I		Course # 5330	1 credit	Adult Roles and Responsibilities
				Course # 5336	2 credits	Human and Social Services I

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
Or
Two "Themes in
Literature" Classes
(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 th 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
Themes in Literature	12	C- or higher in English 11 or AP; Career Readiness Met
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

English 9 2 Semesters / 2 Credits

Grade 9

English 9, an integrated English course based on the Indiana Academic Standards for English/Language Arts in Grades 9-10, is a study of language, literature, composition, and oral communication, focusing on literature within an appropriate level of complexity for this grade band. Students use literary interpretation, analysis, comparisons, and evaluation to read and respond to representative works of historical or cultural significance in classic and contemporary literature balanced with nonfiction. Students write, responses to literature, expository (informative), narrative, and argumentative/persuasive compositions, and sustained research assignments. Students deliver grade-appropriate oral presentations with attention to audience and purpose and access, analyze, and evaluate online information.

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.

English 10 2 Semesters / 2 Credits

Grade 10

Prerequisite - English 9

English 10, an integrated English course based on the Indiana Academic Standards for English/Language Arts in Grades 9- 10, is a study of language, literature, composition, and oral communication, focusing on literature with an appropriate level of complexity for this grade band. Students use literary interpretation, analysis, comparisons, and evaluation to read and respond to representative works of historical or cultural significance in classic and contemporary literature balanced with nonfiction. Students write responses to literature, expository (informative) and argumentative/persuasive compositions, and sustained research assignments. Students deliver grade appropriate oral presentations with attention to audience and purpose and access, analyze, and evaluate online information. This course is designed to prepare students to work more efficiently toward a goal of gaining advanced skills in language usage. 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.

Pre-AP English 10 2 Semesters / 2 Credits

Grade 10

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

English 9 Pre-Advanced Placement is a course designed to expand upon the college-bound English 10 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.

English 11

2 Semesters / 2 Credits

Grade 11

Prerequisite - English 10

English 11, an integrated English course based on the Indiana Academic Standards for English/Language Arts in Grades 11-12, is a study of language, literature, composition, and oral communication focusing on literature with an appropriate level of complexity for this grade band. Students use literary interpretation, analysis, comparisons, and evaluation to read and respond to representative works of historical or cultural significance appropriate in classic and contemporary literature balanced with nonfiction. Students write narratives, responses to literature, academic essays (e.g. analytical, persuasive, expository, summary), and more sustained research assignments incorporating visual information in the form of pictures, graphs, charts and tables. Students write and deliver grade-appropriate multimedia presentations and access, analyze, and evaluate online information.

English 11AP: Advanced Placement/Language and Composition

2 Semesters / 2 Credits

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, *AP English Course Description*, 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. **Students signing up for the class are required to take the AP exam in May.**

English 12

2 Semesters / 2 Credits

Grade 12

Prerequisite - Successful completion of English 9 through 11

English 12, an integrated English course based on the Indiana Academic Standards for English/Language Arts for Grades 11- 12, is a study of language, literature, composition, and oral communication focusing on an exploration of point of view or perspective across a wide variety of genres. Students use literary interpretation, analysis, comparisons, and evaluation to read and respond to representative works of historical or cultural significance in classic and contemporary literature balanced with nonfiction. Students write narratives, responses to literature, academic essays (e.g. analytical, persuasive, expository, summary), and more sustained research assignments incorporating visual information in the form of pictures, graphs, charts and tables. Students write and deliver grade-appropriate multimedia presentations and access, analyze, and evaluate online information. This course also integrates job-relevant skills such as resume-building, professional email, and interview skills.

English 12AP: Literature and Composition

2 Semesters / 2 Credits

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. In-session reading will include, but is not limited to the following: *Hamlet, The Inferno, Frankenstein, Heart of Darkness, and Kite Runner*.

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

Themes in Literature – Not Just a Game – Sports and Society through Literature

1 Semester / 1 Credit

Grade 12

Prerequisite - Successful completion of English 11 or 11AP, C- or Higher in English 11 or AP-11, Career Readiness Met

This course will use high-interest readings that challenge readers to explore athletics as more than just entertainment as we explore social issues through the lens of sport. We will examine the way the ideas, thoughts, and emotions surrounding sports are expressed in writing, as well as various other mediums. Course Guiding Questions will require students to analyze unifying themes / motifs in sports literature and society. We will examine and analyze how sports took on such a large role in society, and the role they play currently. Students examine representative works in various genres by authors of diverse eras and nationalities and the way themes may be treated differently in the works because of the cultural context. Students analyze how themes illuminate humanity's struggle to understand the human condition.

Themes in Literature – Modern American Writers: Fiction as a Way of Coping with Tragedy

1 Semester / 1 Credit

Grade 12

Prerequisite - Successful completion of English 11 or 11AP, C- or Higher in English 11 or AP-11, Career Readiness Met

This course will use high-interest, modern texts that challenge readers to explore the individual emotional journey of those who directly or secondarily experience forms of personal, national, and international tragedy. Essential questions will require the reader to carefully, empathetically consider the minds of those who attempt to grieve and cope with unexpected loss, and we will analyze both the similarities and disparities in respective characters' journeys. The course will also focus on college-level analytical and argumentative writing as well as the creative interpretation of texts. Students examine representative works in various genres by authors of diverse eras and nationalities and the way themes may be treated differently in the works because of the cultural context. Students analyze how themes illuminate humanity's struggle to understand the human condition.

Themes in Literature – Monsters and the Monstrous

1 Semester / 1 Credit

Grade 12

Prerequisite - Successful completion of English 11 or 11AP, C- or Higher in English 11 or AP-11, Career Readiness Met

This course will explore monsters and the monstrous in literary works and other mediums spanning various genres and time periods. The essential questions driving the course study will require the students to consider: What is a monster? What do monsters reveal about a culture's ideas of acceptable human behavior? What can monsters tell us about the desires, hopes, and fears of the cultures from which they emerge? Students will develop their skills in summarizing, close reading, literary analysis, critical thinking, argumentation, and research as they further interpret how prejudice, discrimination, technology, and humanity have influenced our understanding of monsters and the monstrous. Students examine representative works in various genres by authors of diverse eras and nationalities

and the way themes may be treated differently in the works because of the cultural context. Students analyze how themes illuminate humanity's struggle to understand the human condition.

English as a New Language

1 credit per semester

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.

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.

Linguistics (Elective)

1 Semester / 1 Credit

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.

Speech (Elective)

1 Semester / 1 Credit

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.

Advanced Speech (Elective)

1 Semester / 1 Credit

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.

Journalism (Elective)

1 Semester / 1 Credit

Grade 9-12

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)

Grades 10 – 12

2 Semesters / 2 Credits

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)

Grades 10 – 12

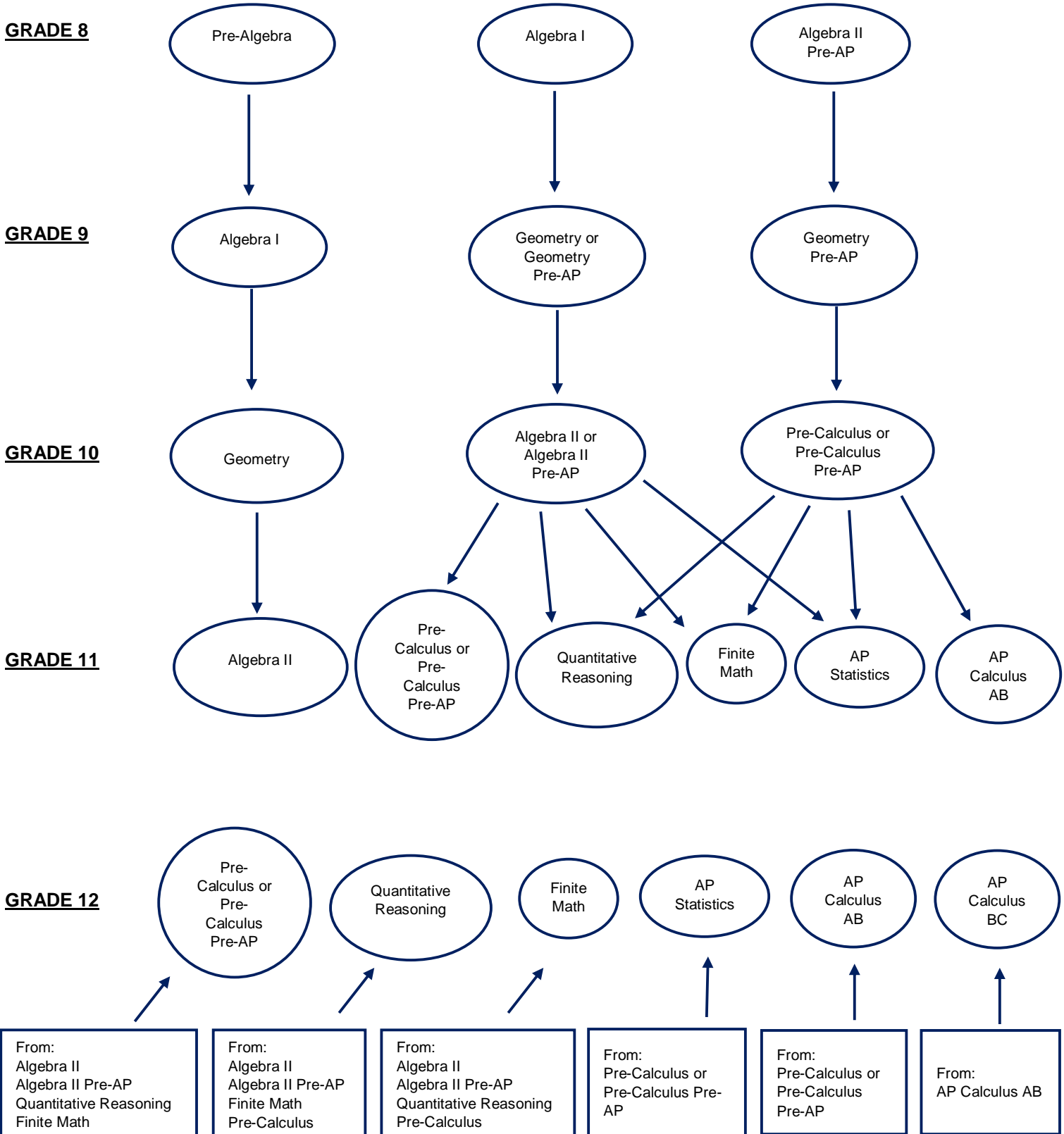
2 Semesters / 2 Credits

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
Geometry	9-12	Algebra I
Geometry Pre AP	9-11	Algebra I
Algebra II	10-12	Algebra I, Geometry
Algebra II Pre AP	11	Algebra I, A or B in Pre-AP Geometry 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 8th grade math performance.

Algebra II

Grades 10-12

2 Semesters / 2 Credits

Prerequisite - Geometry

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

Grade 11

2 Semesters / 2 Credits

Prerequisite - A or B in Algebra I and Pre-AP Geometry 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 9-12

2 Semesters / 2 Credits

Prerequisite - Algebra I

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 Algebra I 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>
Orchestra		
Beginning Orchestra-Concert Orchestra	9-12	Previous Orchestra experience
Intermediate Orchestra-Philharmonic Orchestra	9-12	Audition
Advanced Orchestra-Symphony Orchestra	9-12	Audition
Band		
Instrumental Ensemble- Percussion Class	9-12	Previous Band experience
Beginning Band-Concert Band	9-12	Previous Band experience
Intermediate Band-Symphonic Band	9-12	Audition
Intermediate Band-Wind Symphony	9-12	Audition
Advanced Band-Wind Ensemble	9-12	Audition
Jazz Ensemble	9-12	Audition
Dance	9-12	None
Choral Music		
Beginning Chorus – Women: Harmonia	9-12	None
Beginning Chorus – Men: Vocal Majority	9-12	None
Beginning Chorus – Women: Flight	9-12	Audition
Intermediate Chorus – Women: Varsity	10-12	Audition
Intermediate Chorus – Men: Statesmen	9-12	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
Music History and Theory		
Music History & Appreciation	9-12	None
Introduction to Music Theory and Composition	9-12	None
AP Music Theory & Composition	10-12	Teacher Approval
Theatre Arts		
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
Visual Arts		
AP Art Courses		
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
Two-Dimensional Art Courses		
Intro to 2-D Art	9-12	None
Advanced 2-D Art 1	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
Advanced 2-D Art 4	12	Adv. 2D Art 2 and Teacher Approval
Three-Dimensional Art Courses		
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 must have previous band experience. Students are placed in the top three band classes (Symphonic Band, Wind Symphony and Wind Ensemble) based on audition. Otherwise, they are placed in the Concert Band class. All students are expected to maintain their own instrument in good working order. Larger instruments may be rented for a \$40 fee. All students are responsible for band fees determined by the band booster organization. Fees are based on their level of participation within the band program. Students in jazz band must also be enrolled in another 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 Class

2 Semesters / 2 Credits

Grades 9 – 12

Prerequisite – Previous Band Experience, Audition

This is a performing ensemble for percussion students only. Percussion students perform with one of the bands listed below. After-school commitments include several mandatory band concerts, contests, and rehearsals leading up to these performances. All students must have appropriate mallets and sticks as determined by the instructor. Students can expect to learn the fundamentals of musicianship and develop good ensemble playing technique.

Beginning Band-Concert Band

2 Semesters / 2 Credits

Grades 9 – 12

Prerequisite – Previous Band Experience

This is a performing ensemble for wind instrument students only. After-school commitments include several band concerts, contests, and rehearsals leading up to these performances. Students moving from middle school band to high school band should consider replacing their beginner instrument with a step-up instrument for this class. Attendance at all practices and performances is mandatory. Students can expect to learn the fundamentals of musicianship and develop good ensemble playing technique.

Intermediate Band-Symphonic Band

2 Semesters / 2 Credits

Grades 9 – 12

Prerequisite – Audition

This is a performing ensemble for wind instrument students only. After-school commitments include several band concerts, contests, and rehearsals leading up to these performances. Students moving from middle school band to high school band should replace their beginner instrument with a step-up instrument. Attendance at all practices and performances is mandatory. Students can expect to refine the fundamentals of musicianship and develop advanced ensemble playing techniques.

Intermediate Band-Wind Symphony

2 Semesters / 2 Credits

Grades 9 – 12

Prerequisite – Audition

This is a performing ensemble for wind instrument students and select percussionists. After-school commitments include several band concerts, contests, and rehearsals leading up to these performances. Students moving from middle school band to high school band should replace their beginner instrument with a step-up instrument. Attendance at all practices and performances is mandatory. Students can expect to refine the fundamentals of musicianship and develop advanced ensemble playing techniques.

Advanced Concert Band-Wind Ensemble

2 Semesters / 2 Credits

Grades 9 – 12

Prerequisite – Audition

This is a performing ensemble for wind instrument students and select percussionists, and is the premier performing ensemble in the band program. 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. Every member should be playing a high quality instrument. Attendance at all practices and performances is mandatory. Students can expect to perfect fundamentals of musicianship and develop highly advanced ensemble playing techniques.

Jazz Ensemble

2 Semesters / 2 Credits

Grades 9 – 12

Prerequisite – Previous Band Experience, Audition

The FC Jazz Ensemble is part of the Franklin Central High School Band Program. As part of that program, students should also be enrolled in beginning band, intermediate band, advanced band, or percussion class. There are only a few exceptions to this, such as students who play guitar, bass guitar, drum set, or piano exclusively. After-school commitments for jazz band include many extra performances and possible attendance at a festival or contest. Attendance at all practices and performances is mandatory. Students can expect to learn the fundamentals of jazz music and develop advanced ensemble playing technique. Students will play a variety jazz styles including rock, Latin, and swing music.

Dance Choreography

1 Semester / 1 Credit

Grades 9-12

Dance Choreography class is part of the Franklin Central High School Band Program. As part of that program, students will perform in and outside of class. All members of the Color Guard for marching band and Winter Guard are highly encouraged to take this class. The dance class curriculum will be aligned with the season's color guard work, but will focus on movement more than equipment manipulation. Members will learn about various styles of group and individual dance to all kinds of music and have opportunities to perform for the public. The focus of the course will center around traditional dance choreography.

Dance Choreography is based on the Indiana Academic Standards for Dance. Learning activities in choreography are sequential and systematic and allow students to express themselves. A wide variety of materials and experiences are used in order to provide students with the knowledge, skills, and appreciation of the multi-styled and multicultural dance expressions. Choreographic activities provide students opportunities to participate in roles as a soloist, a choreographer or leader, and in a subject role. Students also explore a wide variety of choreographic philosophies as well as administrative and media skills necessary for the promotion and documentation of works to be performed. Students experience and learn to use appropriate terminology to describe, analyze, interpret, and critique dance compositions by professional individuals or companies.

Choir**Beginning Chorus – Women: Harmonia**

2 Semesters / 2 Credits

Grades 9-12

Prerequisite – None, no audition necessary

Harmonia 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.

Beginning Chorus – Women: Flight

2 Semesters / 2 Credits

Grades 9-12

Prerequisite – Audition

Flight is an entry level concert and non-competitive show choir course for 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. 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 – Men: Statesmen

2 Semesters / 2 Credits

Grades 9-12

Prerequisite - Audition

Statesmen is an intermediate level vocal course for males 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 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 - 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 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 – Intro to Music Theory and Composition, 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, Accents 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

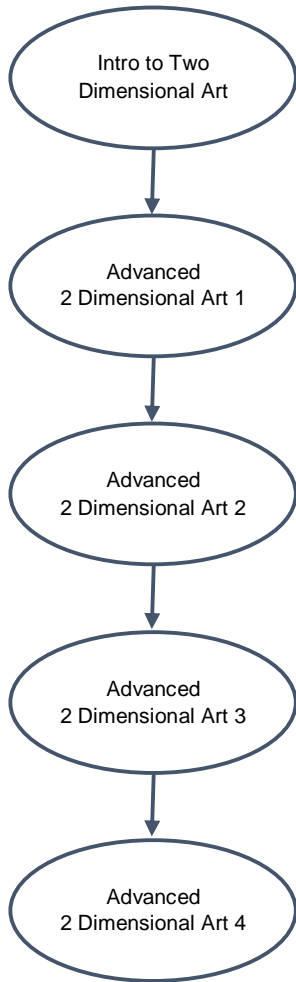
2 Semesters / 2 Credits

Grades 11-12 (Selected)

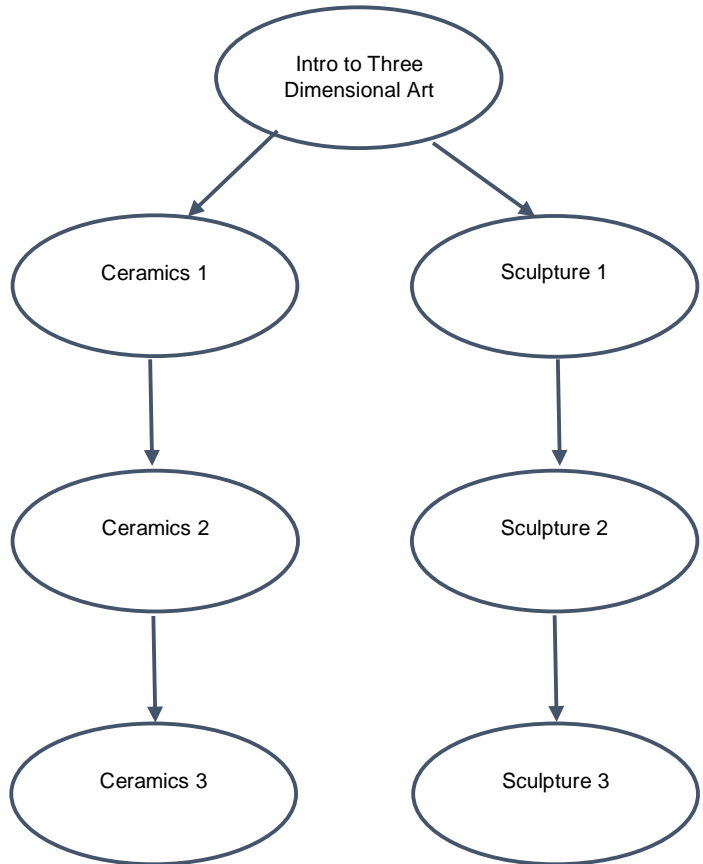
Advanced Technical Theatre will actively lead students in the process of design, building, managing, programming, drafting, and implementing the technical aspects of a production. Students will create original designs and plans for scenic design, lighting, costuming, make-up, sound, and stage and house 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 ART

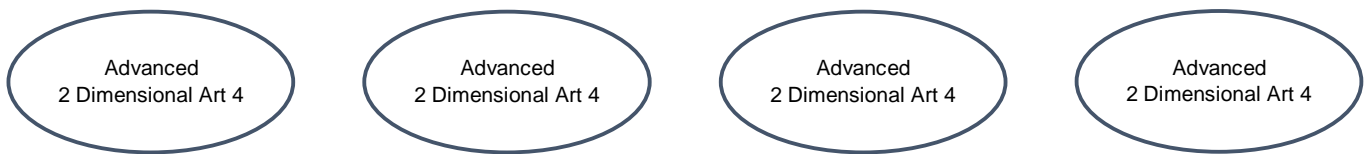
Two Dimensional Studio



Three Dimensional Studio



Advanced Placement Art Courses



AP Art 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 - 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 1

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

Advanced Two-Dimensional Art 4

Grades 12

Prerequisite – Advanced 2D Art 2 –Teacher Approval

Advanced 2D Art IV 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.

**** Upper 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

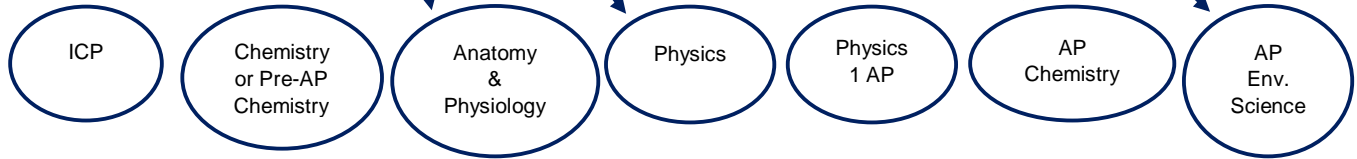
GRADE 9



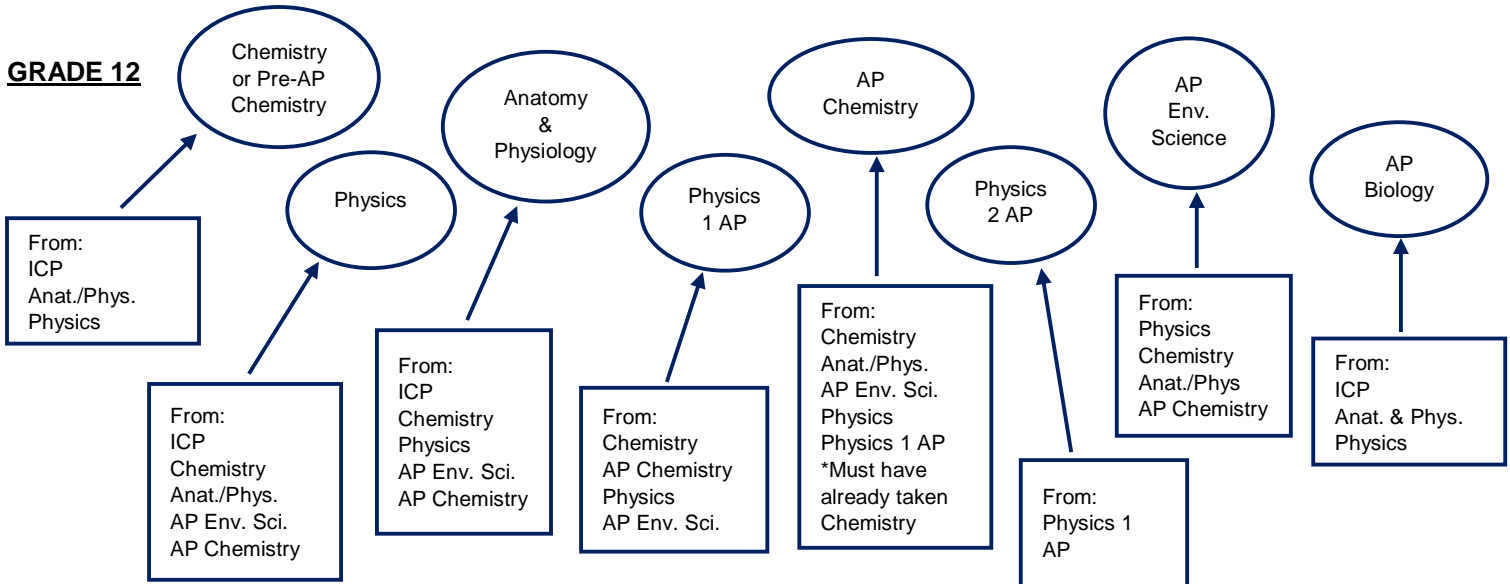
GRADE 10



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 th 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.

Biology I

Grade 9

2 Semesters / 2 Credits

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.

Biology I – Pre AP

Grade 9

2 Semesters / 2 Credits

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.

Anatomy & Physiology

Grades 10-12

2 Semesters / 2 Credits

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.

Biology Advanced Placement

Grades 12

2 Semesters / 2 Credits

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

Environmental Science Advanced Placement

Grades 11-12

2 Semesters / 2 Credits

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

Chemistry I

Grades 10-12

2 Semesters / 2 Credits

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.

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.

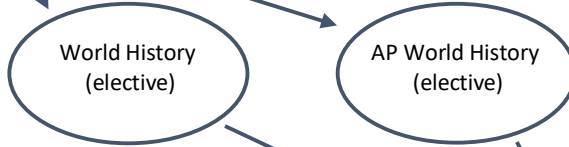
Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. **Students signing up for this class are required to take the AP exam in May.**

SOCIAL STUDIES DEPARTMENT

GRADE 9



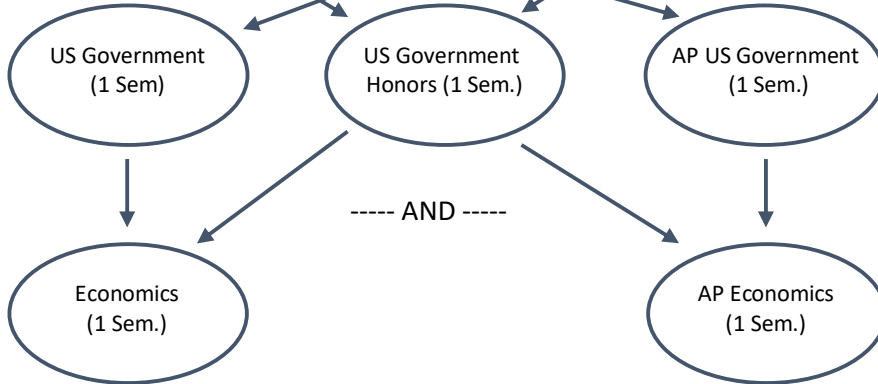
GRADE 10



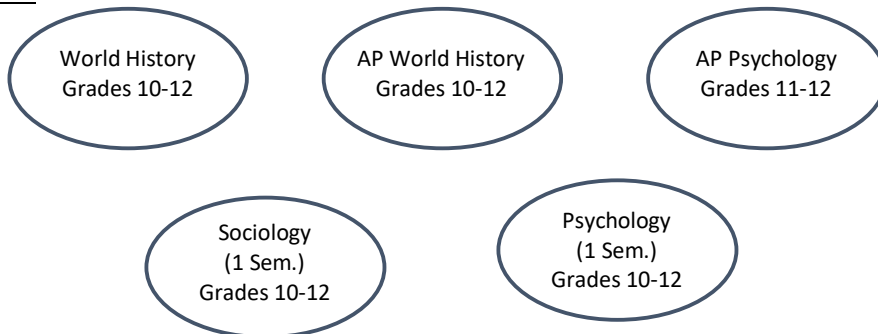
GRADE 11



GRADE 12



ELECTIVE COURSES



SOCIAL STUDIES DEPARTMENT

Course	Grade	Prerequisites
Geography and History of the World	9	None
Geography and History of the World Pre AP	9	Recommended A or B in 8 th grade Social Studies
World History & Civilization	10-12	None
World History AP	10-12	None
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 – Honors (We The People)	12	Must complete application
Psychology	11-12	None
Psychology AP	11-12	None
Sociology	10-12	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 (Geography History of the World Pre-AP and/or English 9 Pre-AP recommended)

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 4-5 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 expected to complete summer work to prepare for the course. **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 – Application must be completed

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. Because space is limited, teacher selection through an application process is required.

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. Students will gain fundamental understanding of the stock market, the time value of money, and the impact of each of their lives, and demonstrate these by means of a special project.

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 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 – None

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

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.

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 Resource

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)

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.

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)

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 includes Career Ready coursework: Applied English, Applied Math, Applied Science, Applied Social Studies, Applied Adult Roles and Responsibilities, Career Exploration and Information, 1 Health credit; 2 Physical Education credits; and one credit in Digital Apps and Responsibility. Other options for our Juniors and Seniors include participation in a vocational program at Central Nine Career Center. Students will also have the opportunity to receive credits for elective community work experience. This will enrich the educational curriculum and add to their vocational experience. Students enrolled in these classes will receive a *Certificate of Completion*. These courses DO NOT count as CORE 40 courses and will not allow students to graduate with an *Indiana Diploma*.

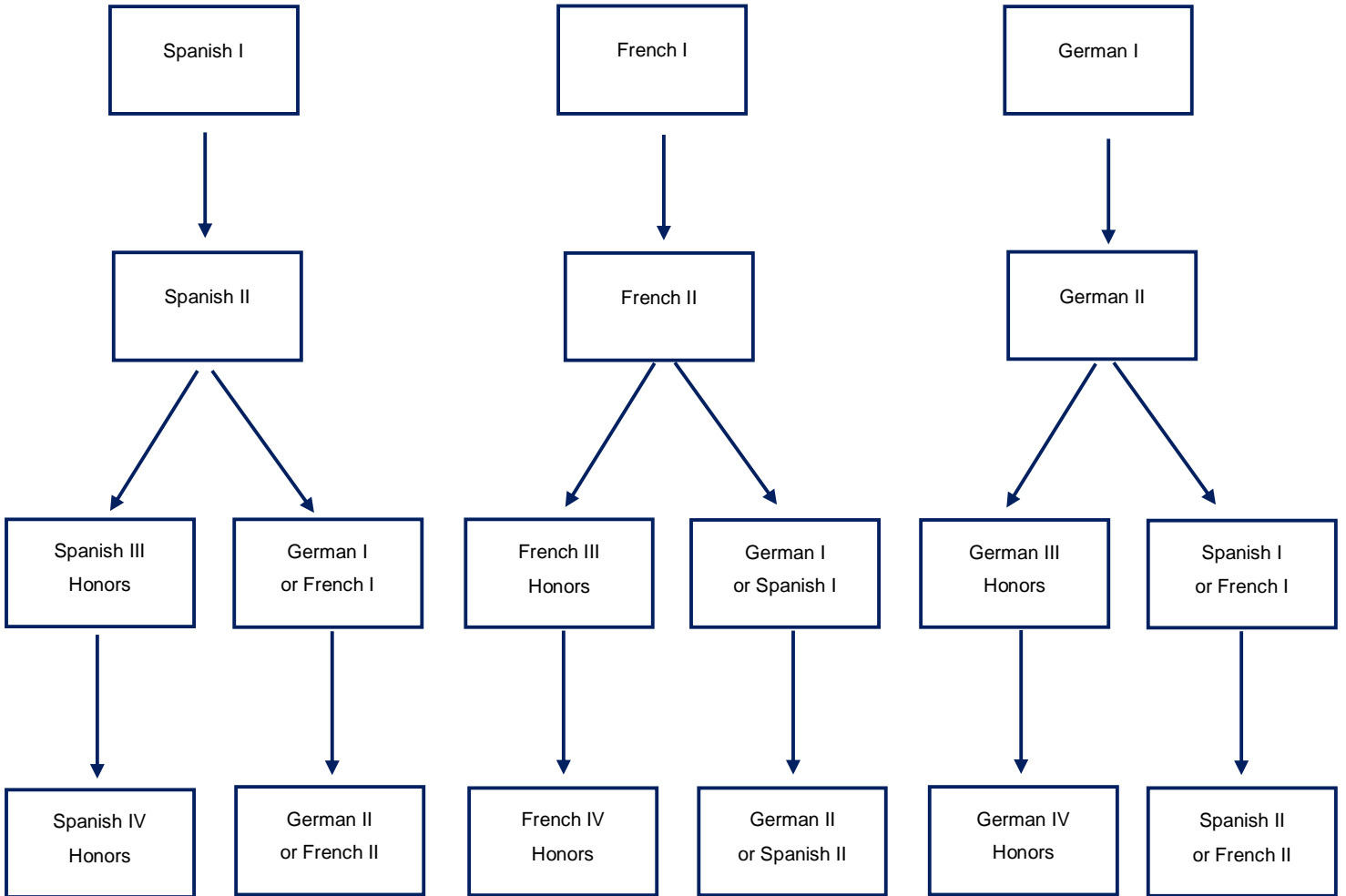
Comprehensive Intervention Program (CIP)

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.

Students may be offered services through our SPARC Center during their years of transition 18-22 years old. The SPARC center is located on campus and focuses primarily on transition skills for independent living and vocational training. Placement is determined through a case conference committee decision.

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.**