

TABLE OF CONTENTS

GENERAL INFORMATION	3
HIGH SCHOOL GRADUATION	3
Graduation.....	3
Types of Diplomas	3
Grade Level Classification	3
Diploma Chart (Class of 2016 and beyond)	4
CURRICULUM INFORMATION.....	5
Term Definition.....	5
Schedule Changes	5
Dual Credit.....	5
Advanced Placement.....	5
Athletic Eligibility.....	5
NCAA Eligibility	5
NAIA Eligibility	5
Correspondence Courses	5
Early Release	5
Student Office Assistants	5
GRADING INFORMATION.....	6
Grading Scale.....	6
Credits Earned in 8 th Grade.....	6
TESTING PROCEDURES	6
Tests Administered at FHS	6
COURSES BY DEPARTMENT.....	7-8
COURSE DESCRIPTIONS.....	9-39
PATHWAYS.....	40

Frankfort High School will provide an environment in which the education of all learners prepares them for success in the 21st century.

Frankfort High School is pleased to present our 2018-2019 course offerings to you as you begin the process of building your schedule for the coming school year. Some of the courses you will take are required for graduation and will directly impact your opportunities following high school. Please give these courses the attention they deserve so you may find success throughout your high school career and beyond. Apart from your required courses, you may elect to take a variety of courses in areas you are particularly interested in and in areas you would like to learn about. Please read the course descriptions carefully so you can select courses that will benefit you in your quest for success in high school and beyond. Also, we would encourage you to speak with teachers to determine if a course is suited to your individual needs.

Please take time to discuss these course descriptions with your parents and develop a plan for the next year or for the coming school years. Of course, our faculty and staff are available to speak with you at any time to assist you with the scheduling process.

Mrs. Rebecca Johnson, Counselor (A-F)
Mrs. Amy Hickson, Counselor (G-O)
Mr. Kurt Cantlon, Counselor (P-Z)

If you would like to arrange an appointment at the high school, please call Lisa McGuire in Student Services (765) 654-8545 and make an appointment for you with the correct counselor.

GENERAL INFORMATION

Parents and students in the Frankfort High School community should note the following recommendations of Frankfort administrators, staff, and counselors.

College-bound students should successfully complete four years each of English, math, and science. Their senior year must include a minimum of six academic courses.

Students attaining less than a C average in a course should not proceed to the next level in that coursework. For example, a student attaining less than a C in Algebra II should not enroll in Pre-Calculus. Exceptions to this recommendation may occur, but serious consideration is required.

Students may successfully combine academic and vocational programs if there is careful planning for this option. One would expect capable students to enter high tech courses that require academic background in English, math, and science.

Students will be best prepared if they always strive to achieve their maximum level after enrolling in a course. If an "A" average math student with normal achievement and ability test scores in the 90th percentile does not work in a math class, that student will be ill-prepared to continue to the next level of difficulty.

Students are advised to "keep their options open." Many students do not have definite post-high school career or educational plans. Many students have one or more interests. The wise student, at any level, plans a program that allows entrance through many doors.

NON-DISCRIMINATION POLICY

It is the policy of the Community Schools of Frankfort not to discriminate on the basis of race, color, religion, national origin, age or disability in its educational programs or employment policies as required by the Indiana Civil Rights Act (I.C. 22-9-1), I.C. 20-8-1-2-Titles VI and VII of the Civil Rights Act of 1964, the Equal Pay Act of 1973, Title IX (1972 Education Amendments), Section 504 of the Rehabilitation Act of 1973.

HIGH SCHOOL GRADUATION

Graduation

It is the responsibility of each student to plan with his or her parents and counselor for graduation. Seeing that all required courses and total credits are in order is the responsibility of each student. Graduation checklists are on file in Student Services, but the ultimate responsibility to meet all graduation requirements lies with the student.

Types of Diplomas

See page 4 for a chart of diploma types.

Indiana Core 40 Diploma

(Required for the All Students) (42 credits)

This curriculum requires students to earn credits in specific areas (see pages 4-5). This curriculum is designed to prepare students for success in a wide variety of educational and career opportunities following high school. Students who earn an Indiana Core 40 Diploma may qualify for a state grant equal to 90 percent of demonstrated need for the approved tuition and mandatory fees for postsecondary education. A student not pursuing a Core 40 Diploma must meet with their assigned counselor, parents and administrator.

Indiana Academic Honors Diploma

This diploma is available to students who earn 47 credits including specific courses (see pages 4-5). Students who receive the Indiana Academic Honors Diploma may qualify for a state grant equal to 100 percent of demonstrated need for the approved tuition and mandatory fees for postsecondary education. Academic Honor Diploma candidates must pass all courses counting towards the diploma with a "C" or better.

- Students entering high school in the 2012-2013 school year and beyond wanting to obtain an Academic Honors Diploma must complete 4 years of high school math. The 8th grade Algebra course will not count as one of these 4 years of math.

Indiana Technical Honors Diploma (can be earned with the Academic Honors)

This diploma is 47 credits including specific courses (see pages 4-5). Students who receive the Indiana Technical Honors Diploma may qualify for a state grant equal to 100 percent of demonstrated need for the approved tuition and mandatory fees for postsecondary education. Indiana Technical Honors diploma candidates must earn a "C" or better in all courses counting towards the diploma.

Grade Level Classification

Each student in grades 9 through 12 is classified as a Freshman, Sophomore, Junior, or Senior. The status or classification of a student is based upon the number of years the student has been in high school. Thus, a first year student is a freshman and a fourth year student is a senior. Students who attend school more than four years will be designated as fifth-year seniors. While a certain number of credits is not required for class designation, it is recommended that students have a minimum of 8 credits following their freshman year, 18 credits following their sophomore year, and 27 credits following their junior year.

Pathways

The Indiana College and Career Pathways provide an aligned sequence of courses that can lead to industry-recognized credentials, technical certification, or an associates or baccalaureate degree at an accredited college or university for careers that are high wage and/or high demand in the state of Indiana. **SEE PAGE 40**

Course and Credit Requirements

English/ Language Arts	8 credits Including a balance of literature, composition and speech.
Mathematics	6 credits (in grades 9-12) 2 credits: Algebra I 2 credits: Geometry 2 credits: Algebra II <i>Or complete Integrated Math I, II, and III for 6 credits. Students must take a math or quantitative reasoning course each year in high school</i>
Science	6 credits 2 credits: Biology I 2 credits: Chemistry I or Physics I or Integrated Chemistry-Physics 2 credits: any Core 40 science course
Social Studies	6 credits 2 credits: U.S. History 1 credit: U.S. Government 1 credit: Economics 2 credits: World History/Civilization or Geography/History of the World
Directed Electives	5 credits World Languages Fine Arts Career and Technical Education
Physical Education	2 credits
Health and Wellness	1 credit
Electives*	6 credits <i>(College and Career Pathway courses recommended)</i>

40 Total State Credits Required

Schools may have additional local graduation requirements that apply to all students

* Specifies the number of electives required by the state. High school schedules provide time for many more electives during the high school years. All students are strongly encouraged to complete a College and Career Pathway (selecting electives in a deliberate manner) to take full advantage of career and college exploration and preparation opportunities.

CORE40 with Academic Honors *(minimum 47 credits)*

For the Core 40 with Academic Honors diploma, students must:

- Complete all requirements for Core 40.
- Earn 2 additional Core 40 math credits.
- Earn 6-8 Core 40 world language credits (6 credits in one language or 4 credits each in two languages).
- Earn 2 Core 40 fine arts credits.
- Earn a grade of a "C" or better in courses that will count toward the diploma.
- Have a grade point average of a "B" or better.
- Complete one of the following:
 - A. Earn 4 credits 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 two of the following:
 1. A minimum of 3 verifiable transcribed college credits from the approved dual credit list,
 2. 2 credits in AP courses and corresponding AP exams,
 3. 2 credits in IB standard level courses and corresponding IB exams.
 - D. Earn a combined score of 1750 or higher on the SAT critical reading, mathematics and writing sections and a minimum score of 530 on each
 - E. Earn an ACT composite score of 26 or higher and complete written section
 - F. Earn 4 credits in IB courses and take corresponding IB exams.

CORE40 with Technical Honors *(minimum 47 credits)*

For the Core 40 with Technical Honors diploma, students must:

- Complete all requirements for Core 40.
- Earn 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, or
 2. Pathway dual credits from the approved dual credit list resulting in 6 transcribed college credits
- Earn a grade of "C" or better in courses that will count toward the diploma.
- Have a grade point average of a "B" or better.
- Complete one of the following,
 - A. Any one of the options (A - F) of the Core 40 with Academic Honors
 - B. Earn the following scores or higher on WorkKeys; Reading for Information – Level 6, Applied Mathematics – Level 6, and Locating Information-Level 5.
 - C. Earn the following minimum score(s) on Accuplacer: Writing 80, Reading 90, Math 75.
 - D. Earn the following minimum score(s) on Compass; Algebra 66 , Writing 70, Reading 80.

CURRICULUM INFORMATION

Term Definition

- **Credit:** A term indicating that a pupil has successfully completed a class that meets one period per day and five days per week. Some courses offer more than one credit.
- **Curriculum:** Systematic arrangement of all courses over the four years of high school to meet a definite objective or goal.
- **Pre-enrollment:** The indication by each pupil of the classes one proposes to attend for the upcoming school year. Pre-enrollment occurs during the second trimester and allows the school to plan the school program for the following year.
- **Required course:** A class (core class), required by the State of Indiana or the local school corporation, to be successfully completed by all students.
- **Elective:** A class, not required, that a student may elect to study.

Schedule Changes

Students are expected to give careful consideration to course selections when they are made in the spring of the year. Students will be able to review their schedule during registration before the school year begins. **All schedule changes must be made prior to the first day of school.** This includes all trimester schedules. All parents/guardians are invited to attend scheduling appointments that occur in the 2nd trimester. After that length of time schedule changes will not be made except to correct a computer error, to balance course size, to remedy improper placement, to upgrade a schedule or due to extenuating circumstances. Teacher selection or lunch preference cannot be the basis for a schedule change. **Students are not permitted to drop Honors or AP courses without extenuating circumstances and a meeting with the teacher and administration.**

Dual Credit

These college level courses are approved by Ivy Tech or Vincennes for credit both at the High School and Ivy Tech or Vincennes. Students may have to take the Accuplacer placement test to receive credit from Ivy Tech. These courses are indicated by an asterisk. (*)

Advanced Placement

Advanced placement (AP) courses are designed for the highly talented and motivated student. A student should have a grade point average of at least 3.0 before considering these courses. Students who enroll in AP courses may receive college credit or Advance College Placement as prescribed by the College Entrance Examination Board. Almost all colleges and universities in the United States recognize the scores received on AP exams and give credit accordingly.

Recommendation (not required) for student participation:

- A 3.0 average or better in college preparatory courses serving as prerequisites for the advanced placement course.
- A teacher or department recommendation
- Parental consent

Frankfort High School offers advanced placement courses in Chemistry, US History, Government, Calculus, English Language, English Literature, Biology, Statistics, Environmental Science and Art History.

AP classes will be weighed in point value using a 5.0 scale, which will affect the cumulative GPA (grade point average) . (See chart on page 6)

If a student should transfer in with an approved AP course, the student will receive a grade point based on the weighed grading scale.

Athletic Eligibility

Students must have successfully passed four full credit courses the grading period prior to the sport season, in order to be eligible to participate athletically. Office aides do not count toward athletic eligibility.

NCAA Eligibility

Students aspiring to participate in Division I, II and III athletics at the college level must register with the NCAA Clearinghouse. Students are encouraged to file online at www.eligibilitycenter.org. Students must meet NCAA guidelines regarding GPA, ACT/SAT scores, and Core GPA.

NAIA Eligibility

Students aspiring to participate in NAIA athletics at the college level must register with the NAIA. Students are encouraged to file online at playnaia.org. Students must meet NAIA guidelines regarding GPA, ACT/SAT scores, and Core GPA.

Correspondence Courses

Correspondence courses may be taken only for the purpose of making up a failed course or earning additional credits as a senior to meet FHS requirements. They may not be taken to replace a course offered at Frankfort Senior High School. Correspondence courses require principal's permission.

Early Release

During scheduling for the senior year, juniors desiring to apply for early release must do the following:

- Complete 10 consecutive trimesters
- Must have 37 credits in June prior to their senior year for release after 1st trimester
- For release after 2nd trimester, the student must have 32 credits at the end of their junior year.
- Students must have passed ISTEP.
- Fill out application and return it to guidance
- Receive approval by the principal.
- Obtain and maintain employment of at least 30 hours a week when not in school, or enrolled into college, or enlisted into the military

Student Assistants

Juniors or seniors wishing to serve as student assistants may not serve more than once a trimester or twice in a school year.

Must have a 2.2, and passed the ISTEP. Must be approved by Counselors and/ or Administration.

GRADING INFORMATION

Grading Scale and Grade Point Average (GPA)

Grade	Score	Point Value	AP Weighted Pt Value
A	93-100	4.0	5.0
A-	90-92	3.7	4.7
B+	87-89	3.3	4.3
B	83-86	3.0	4.0
B-	80-82	2.7	3.7
C+	77-79	2.3	3.3
C	73-76	2.0	3.0
C-	70-72	1.7	2.7
D+	67-69	1.3	2.3
D	63-66	1.0	2.0
D-	60-62	0.7	1.7
F	0-59	0.00	0.00

W/F=0

W=Does not count as an attempted course

Audit=Does not count as an attempted course

INC=0 until student completes the class; a grade will take place of INC

Each 12-week grading period will count as 80% and the final exam will count as 20% in determining a student's trimester average. Letter grades will be given for final trimester grades.

Grade Point Average (GPA)

All classes will be included in calculating the GPA. All full-credit classes are counted equally for grade point average. The grade point average is cumulative and is based on trimester grades. A grade of "A" counts as four (4) points dropping to one (1) point for a "D". A plus (+) or minus (-) with the grade adds or subtracts .3. For example, a "B+" would be a 3.3 while a "(B-)" would be a 2.7. Grade percentages earned will not round up to the next grade. For example, a percentage of 89.9% will remain a "B+" on the grading scale and not round up to an "A-".

Transfer Credits

Transfer credits will be calculated using the letter grades and GPA points listed, regardless of the scale used at the previous school. The cumulative total number of trimester courses is divided into the cumulative total points to arrive the GPA.

Credits Earned in 8th Grade

Students may receive an Algebra and/or Geometry credit for high school that is successfully completed in the 7th or 8th grade. Students with grades lower than a B should retake the course in high school. Please note that NCAA eligibility rules do not recognize courses taken before 9th grade. All students graduating 2016 or after are required to take 4 years of math or quantitative reasoning starting freshman year. The credits earned in 8th grade will count toward an Academic Honors diploma math requirement; however, will not count toward the math requirement for a Core 40 diploma.

Tests Administered at FHS

ISTEP/End of Course Assessments

Beginning with the Class of 2019, all Sophomores will take the ISTEP 10 in the spring and passing is required for graduation.

PSAT

The PSAT will be taken in October by all sophomores unless the school is notified by a parent by written permission (no phone calls will be accepted.) Juniors may also take the exam for the purpose of eligibility for the National Merit Scholarship Program. Scores from the PSAT may also help a student qualify for college credit in a dual credit course.

SAT

The SAT is offered seven times per year. Frankfort High School administers the SAT in November and May. Register online at www.sat.collegeboard.com. College bound juniors should plan to test in May of their junior year.

ACT

The ACT is offered six times per year. Frankfort High School administers the ACT in October. Register online at www.actstudent.org. College bound juniors and seniors should take the exam in October.

Advanced Placement

AP exams are administered at FHS in May for students enrolled in AP classes. Testing dates are set by the College Board and cannot be made up.

Work Keys

Work Keys are administered to seniors that are in pursuit of a Technical Honors diploma. FHS administers the test in October and April. The Work Keys test consists of Applied Math, Reading and Locating Information. In order for the student to qualify for the Technical Honors a score of 6 must be earned in Reading for Information and Applied Math. A score of 5 must be earned in Locating Information.

Accuplacer Dual Credit

Some dual credit courses require students to meet testing prerequisites. If they do not meet these based on PSAT, SAT, or ACT scores, they can take Ivy Tech's placement exam, Accuplacer. This is a computer based test in sentence skills, reading, or math, based on the requirements of the dual credit course.

Accuplacer Diagnostic

This is a remediation test that could cover reading, writing, or math. It is based on if a student has not passed a section of the ECA, or does not have scores that are considered "college ready" on the PSAT, SAT or ACT. It is a computer based test.

2018-2019 COURSES BY DEPARTMENT

Courses are listed by department and include whether the course is a semester or full year, grades offered, whether there are pre-requisites for the course, and whether dual credit may be available. Q indicates courses designated as Quantitative Reasoning. Please see detailed course descriptions for detailed information.

Title	Grade	# Tri	Pre-Req	DC	Q
BUSINESS SEE PAGE: 9-11					
Prep College & Career	9-12	1	NO	NO	
Intro to Business	9-12	1	NO	NO	
Intro to Accounting	10-12	2	NO	NO	Q
Adv. Accounting	11-12	2	YES	YES	Q
Bus. Law & Ethics	10-12	2	NO	YES	
Prin. Bus. Management	11-12	2	NO	YES	
Work Based Learning	12	1-3	YES	NO	
Digital App & Resp A/B	9-12	1-2	NO	YES	
Comp. Ill & Graphics	11-12	1	YES	NO	
Prin. Of Marketing	10-12	2	NO	YES	
Fashion Merchandising	11-12	2	YES	NO	
Sports & Ent. Marketing	11-12	2	YES	NO	
Strategic Marketing	12	2	YES	YES	
Leadership in Action	11-12	1	YES	NO	
ICE	11-12	1-3	YES	NO	

CAREER & TECH ED SEE PAGE: 12-13

Cosmetology	12	3	NO	YES	
Criminal Justice	11-12	3	YES	YES	
Health Sci. (CNA)	11-12	3	NO	YES	
Med. Term. (CNA)	11-12	3	NO	YES	
Fire & Rescue I	11-12	3	NO	NO	
EMS	12	3	NO	YES	
Tractor/Trailer	12	3	NO	YES	
Landscape Mgmt.	11-12	3	NO	NO	
Computer Tech Support	10-12	1-3	NO	NO	

ENGINEERING & TECH ED SEE PAGE: 14-16

Intro to Construction	10-12	1	NO	NO	
Constr. Trades I & II	11-12	3	YES	NO	Q
Intro to Eng (EPICS IA)	9-10	1	NO	NO	Q
Intro to Eng. (EPICS IB)	9-10	1	YES	NO	
Eng. Design & Develop	11-12	2	YES	NO	
Civil Eng. & Arch.	10-12	2	NO	NO	Q
PLTW IED	9-12	2	YES	YES	
PLTW POE	10-12	2	YES	YES	Q
Auto Tech IA	10-12	1	NO	YES	
Auto Tech IB	10-12	1	YES	YES	
Auto Tech IC	10-12	1	YES	YES	
Auto Tech IIA	10-12	1	YES	YES	
Auto Tech IIB	10-12	1	YES	YES	
Auto Tech IIC	10-12	1	YES	YES	
Intro to Manufacturing	9-12	1	NO	NO	
Adv. Man I	10-12	2	YES	YES	Q
Adv. Man II	11-12	2	YES	YES	
Welding IA	11-12	1	YES	YES	
Welding IB	11-12	1	YES	NO	
Welding IC	11-12	1	YES	YES	

ENGLISH SEE PAGE: 17-19

English 9	9	3	NO	NO	
English 9, Honors	9	3	NO	NO	
English 10	10	3	NO	NO	

English 10, Honors	10	3	YES	NO	
English 11	11	2	NO	NO	
English 11 Honors	11	2	YES	NO	
English 12	12	2	NO	NO	
English 12, Honors	12	2	YES	NO	
AP English Language	11	2	YES	NO	
AP English Lit	12	2	YES	NO	
Ethnic Lit: Holocaust	10-12	1	YES	NO	
Basic Skills Dev.	9-12	1-3	YES	NO	
Creative Writing	11-12	1	YES	NO	
Dev. Reading	9-12	1-3	YES	NO	
ISTEP Lab	11-12	1	YES	NO	
Etymology	10-12	1	YES	NO	
Journalism	10-12	1	NO	NO	
Language Arts Lab	9	1-3	YES	NO	
Yearbook	10-12	1	YES	NO	
Newspaper	10-12	1	YES	NO	
Poetry	11-12	1	NO	NO	
Speech	9-12	1	YES	NO	
Adv. Speech	10-12	1	YES	YES	

ELL SEE PAGE:20

ELL Level 1-4	9-12	1-3	YES	NO	
ELL Level 3	9-12	1-3	YES	NO	
ELL Level 4.0-4.5	9-12	1-3	YES	NO	
ELL Level 4.5-4.9	9-12	1-3	YES	NO	

FACS SEE PAGE: 21-22

Nutrition & Wellness	9-12	1	NO	NO	
ICAH I	10-12	1	YES	NO	
ICAH II	10-12	1	YES	NO	
IPR	9-12	1	NO	NO	
Adult Roles & Resp.	11-12	1	NO	NO	
Child Development	9-12	1	NO	NO	
Adv. Child Dev.	10-12	1	YES	NO	
Intro to House/Interiors	11-12	1	YES	NO	
Intro to Peer Tutoring	10-12	1	YES	NO	
Education Professions I	11-12	1	YES	YES	
Education Professions II	11-12	1	YES	NO	

FINE ARTS SEE PAGE: 23-27

Intro to 2D Art	9-12	1	NO	NO	
Intro to 2D Art, Honors	9	1	YES	NO	
Adv. 2D Art	9-12	1	YES	NO	
Drawing I	10-12	1	YES	NO	
Painting I	10-12	1	YES	NO	
Intro to 3D Art	10-12	1	YES	NO	
Adv. Drawing/Painting I	11-12	1	YES	NO	
Adv. Drawing/Painting II	11-12	1	YES	NO	
Adv. Art: Studio Art	12	1	YES	NO	
AP Art History	11-12	1	YES	NO	
Visual Comm. I	11-12	1	YES	NO	
Visual Comm. II	11-12	1	YES	NO	
Digital Design	10-12	1	YES	NO	

Digital Photography I	9-12	1	NO	NO	
Digital Photography II	10-12	1	YES	NO	
Digital Photography III	10-12	1	YES	NO	
Creating a Dig Portfolio	12	1	YES	NO	
BAND					
Beg./Int/Adv Band	9-12	1-3	YES	NO	
Inst. Ensemb (Perc)	9-12	2	YES	NO	
Jazz Ensemb (Jazz Band)	9-12	1	NO	NO	
Inst. Ensemb (Mariachi)	9-12	1	NO	NO	
Dance Perf (Color Grd)	9-12	1	NO	NO	
ORCHESTRA					
Int/Adv Orchestra	9-12	1-3	YES	NO	
CHOIR					
Adv Chorus (Fortissimo)	9-12	3	YES	NO	
Beg./Int Chorus	9-12	1-3	NO	NO	
App Music (Class Voice)	9-12	1	NO	NO	
Music Theory & Comp I	9-12	1	NO	NO	
Music Theory, AP	9-12	2	YES	NO	
Beginning Piano	9-12	1	YES	NO	
Int Piano II	9-12	1	YES	NO	
App Music: Beg Guitar	10-12	1	NO	NO	
History of Rock	9-12	1	NO	NO	
World Music	9-12	1	NO	NO	
THEATRE ARTS					
Theatre Arts A/B	9-12	1-2	NO	NO	
Adv. Acting	10-12	1	YES	NO	
Technical Theatre	9-12	1	NO	NO	
Adv. Technical Theatre	10-12	1	YES	NO	

FOREIGN LANGUAGE SEE PAGE: 28-29

French I	9-12	2	NO	NO	
French II	9-12	2	YES	NO	
French III	10-12	2	YES	NO	
Spanish I	9-12	2	NO	NO	
Spanish II	9-12	2	YES	NO	
Spanish III	10-12	2	YES	NO	
Spanish IV	11-12	2	YES	NO	
Spanish V	12	2	YES	NO	
Span for Heritage Spkr	9-12	2	YES	NO	

MATH SEE PAGE: 30-31

Algebra I	9-12	3	NO	NO	
Geometry	10-12	2	YES	NO	
Geometry, Honors	9-10	2	YES	NO	
Algebra II	10-12	2	YES	NO	
Algebra II, Honors	10-11	2	YES	NO	
Trigonometry	11-12	1	YES	NO	
Probability and Stats	11-12	1	YES	NO	
Pre-Calculus, DC	10-12	2	YES	YES	
AP Calculus AB/BC	11-12	3	YES	YES	
AP Statistics	11-12	2	YES	NO	
ISTEP Math Lab	11-12	1	YES	NO	
Business Math	11-12	2	YES	NO	Q

P.E./HEALTH SEE PAGE: 32-33

Phys Ed I (Boys/Girls)	9	1	NO	NO	
Phys Ed II (Boys/Girls)	9	1	NO	NO	
Health Education I	10	1	NO	NO	

Adv Health & Wellness	10-12	1	YES	NO	
Elect PE: Beg Swim	9-12	1	NO	NO	
Elect PE: Fitness Swim	10-12	1	YES	NO	
Elect PE: Lifeguard	10-12	1	YES	NO	
Elect PE: APC	10-12	1	YES	NO	
Elect PE: Cross Training	11-12	1	NO	NO	
Elect PE: Cardio Fitness	10-12	1	YES	NO	
Elect PE: Lifetime Sport	10-12	1	YES	NO	
PE: Teaching Assistant	11-12	1	YES	NO	

SCIENCE SEE PAGE: 34-36

Biology I	10	3	NO	NO	
Biology I, Honors	9-10	2	YES	NO	
AP Biology	11-12	2	YES	NO	Q
Chemistry	10-12	2	YES	NO	Q
Integrated Chem/Physic	9	2	NO	NO	Q
AP Chemistry	11-12	2	YES	YES	Q
Chemistry II: Organic	11-12	1	YES	NO	Q
Environmental Science	11-12	1	YES	NO	
AP Environmental Sci.	11-12	2	YES	NO	Q
Earth/Space:Astronomy	11-12	1	YES	NO	
Anatomy & Physiology	11-12	1	YES	NO	
Biology II: Genetics	11-12	1	YES	NO	
Biology II : Zoology	11-12	1	YES	NO	
Physics I	11-12	2	YES	NO	Q
Sci Research: Ind Study	11-12	1	YES	NO	
PLTW: Prin of Biomed	9-12	2	YES	NO	
PLTW: Human Body	10-12	2	YES	NO	
PLTW: Medical Int.	11-12	2	YES	NO	
PLTW: Biomed Inn.	11-12	2	YES	YES	

SOCIAL STUDIES SEE PAGE: 37-38

World History	10-12	2	NO	NO	
World History, Honors	10	2	YES	NO	
US History	11	2	NO	NO	
US History, Honors	11	2	YES	NO	
US Government	12	1	NO	NO	
Psychology	11-12	1	YES	NO	
Sociology	11-12	1	YES	NO	
Economics	12	1	NO	NO	Q
Applied Economics	12	1	YES	NO	
AP Gov't & Politics	12	2	YES	NO	
AP US History	11	2	YES	YES	
Indiana Studies	9-12	1	NO	NO	
Ethnic Studies	9-12	1	NO	NO	

HOTDOG NETWORK SEE PAGE: 39

Radio/TV I: Intro to HDN	9-12	1	NO	NO	
Radio/TV I: Intro to Edit	9-12	1	NO	NO	
Radio/TV I: Production	10-12	Max 4	YES	NO	
Radio/TV II: Announce	10-12	Max 6	YES	NO	
Peer Tutor: Intro	11-12	1	YES	NO	

Business Department

*Starred courses are articulated (dual credit) with Ivy Tech if the student qualifies for college credit AND achieves a “C” or above in the course.

Recommended Course Sequence:

9th Grade- Introduction to Business and Preparing for College & Careers;

10th Grade-Accounting and Digital Application & Responsibility A&B;

11th Grade-Business Law & Ethics and/or Principles of Marketing;

12th Grade-Principles of Business Management

Preparing for College & Careers 5394

Grades 8-12

1 trimester/1 credit

Preparing for College & Careers addresses the knowledge, skills, and behaviors all students need to be prepared for success in college, career, and life. An additional component of the course will include financial literacy. The focus of the course is the impact of today's choices on tomorrow's possibilities. Topics to be addressed include twenty-first century life and career skills; higher order thinking, communication, leadership, and management processes; exploration of personal aptitudes, interests, values, and goals; examining multiple life roles and responsibilities as individuals and family members; planning and building employability skills; transferring school skills to life and work; and managing personal resources. The course includes a review of career clusters and the development of career plans.

Introduction to Business 4518

Grades 9-12

1 trimester, 1 credit

Introduction to introduces students to the world of business, including the concepts, functions and skills required for meeting the challenges of operating a business. The course covers business management, entrepreneurship, marketing fundamentals and business ethics. The course develops business vocabulary and provides an overview of the role that businesses play in economic, social, and political environments.

Introduction to Accounting 4524

Grades 10-12

2 trimesters, 2 credits

Qualifies as a Quantitative Reasoning course

Introduction to Accounting is a beginning level business finance course that introduces principles and procedures for proprietorships and partnerships using double-entry accounting with emphasis on accounting principles as they relate to both manual and automated financial systems. This course involves analyzing and recording business transactions and preparing, analyzing, and interpreting financial reports as a basis for decision making.

Advanced Accounting 4522

***Dual Credit Accounting 101 – Financial Accounting**

Grades 11-12

2 trimesters, 2 credits

Prerequisite: Introduction to Accounting

Qualifies as a Quantitative Reasoning course

Advanced Accounting expands on the Generally Accepted Accounting Principles (GAAP) and procedures for proprietorships, partnerships, and corporations using double-entry accounting covered in Introduction to 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. Students

are required to take Introduction to Accounting prior to enrollment in this course.

Business Law and Ethics 4560

***Dual Credit BUSN 201/Business Law**

Grades 11-12 (Grade 10 with Teacher prior approval)

2 trimesters, 2 credits

May be taken 1 trimester, 1 credit on a non-dual credit basis
Business Law and Ethic provides an overview of the legal system in the business setting. Topics covered include: basics of the judicial system, contracts, personal, employment, and property law. We also examine the various structures of business ownership, and agency relationships.

Principles of Business Management 4562

***Dual Credit BUSN101**

Core transfer credit

Grades 11-12

No prerequisites

2 trimesters, 2 credits

Students could receive 3-college credits in BUSN101

Principles of Business Management is a business foundations course that examines our American business system in relation to our economic society. The course covers the following topics: economics, entrepreneurship, management, labor unions, human resources, marketing, accounting, business finance, and personal investing. This course will require student's membership in DECA.

Work Based Learning, Business and Marketing 5260

Grade 12

1-3 trimesters, maximum 6 credits (1 class period)

Applied to Technical Honors Diploma

Prerequisite: Successful completion of Preparing for College and Careers, Principles of Marketing, and enrolled in Strategic Marketing

Work Based Learning, Business and Marketing course provides opportunities for students to gain “real world” attitudes, skills, and knowledge through on-the-job training and related classroom instruction. The classroom instruction may be a blend of both group and individual instruction planned and organized with activities associated toward the career objectives and on-the-job training. This course would allow students to be released from school for the opportunity to be employed in a business/marketing related occupation for the purpose of applying and transferring attitudes, skills, and knowledge from school to related occupations. Students must work an average of 15 hours each week, provide their own transportation, and receive teacher's approval for co-op site. This course will require student's membership in DECA.

Computer Courses

Digital Applications & Responsibility A&B 4528

***Dual Credit CINS101 – Introduction to Microcomputers (A&B required)**

Grades 9-12

2 trimesters, 2 credits

Dual credit students will be required to complete both trimesters in the same school year.

May be taken 1 trimester, 1 credit on a non-dual credit basis

Digital Applications & Responsibility prepares students to use technology in an effective and appropriate manner in school, a job, or everyday life. Students learn what it means to be a good digital citizen and how to use technology responsibly. An understanding of fair use and copyright laws will be included.

Digital Applications & Responsibility-A: Students will develop skills related to word processing and presentation software. Students will learn best practices for internet research and the concepts of internet privacy and security. Use of Microsoft Word and PowerPoint will be included.

Digital Applications & Responsibility-B: Students will develop skills related to spreadsheets and databases. Students will be able to identify the principle hardware components of a microcomputer and describe their functions. General operating systems are also briefly discussed. Use of Microsoft Excel and Access will be included.

Computer Illustration and Graphics 4516

2018-2019 school year

Grades 11-12

2 trimesters, 2 Credits

Recommended Prerequisite: Successful completion of Digital Application & Responsibility-A

Emphasizes the production of publication quality documents of various formats for business and personal use utilizing Microsoft Publisher. Attention is given to design and layout principles and production techniques. Fonts, graphics, and page composition are integrated into camera-ready documents using computer software and hardware.

Marketing

Recommended Course Sequence: 9th Grade – Intro to Business; 10th Grade-Principles of Marketing; 11th Grade-Fashion Merchandising or Sports & Entertainment Marketing, and/or Principles of Business Management; 12th Grade-Strategic Marketing with or w/o Work Based Learning Business and Marketing

Principles of Marketing 5914

*Dual Credit MKTG101

Grades 10-12

No prerequisites

2 trimesters, 2 credits

Students could receive 3-college credits in MKTG101

Introduces the marketing role in society and how it affects the marketing strategy. Emphasizes the marketing mix, market segmentation, and effects of the demographic dimension on the consumer market. Principles of Marketing will provide an introduction to promotion, pricing, branding, product development, selling, marketing research, distribution, and consumer behavior. This course will require student's membership in DECA.

Fashion Merchandising 5962

2019-2020 school year

Grades 11-12

2 trimesters, 2 credits

Prerequisite: Principles of Marketing

Fashion Merchandising is a specialized fashion marketing course providing instruction of marketing practices that support the sale of products to retail consumers of apparel and accessories of all kinds. Emphasis is placed on oral and written communications as it relates to product design, selling, pricing, distribution, fashion promotion, visual merchandising, fashion cycles, fashion theories, and career opportunities in the fashion retail industry. This course will require student's membership in DECA.

Sports and Entertainment Marketing 5984

2018-2019 school year

Grades 11-12

2 trimesters, 2 credits

Prerequisite: Principles of Marketing

Sports and Entertainment Marketing is a specialized marketing course that develops student understanding of the sport/event industries, their economic impact, and products; distribution systems and strategies; pricing considerations; product/service management, and promotion. Students acquire an understanding and appreciation for planning. Throughout the course, students are presented problem-solving situations for which they must apply academic and critical-thinking skills. This course will require student's membership in DECA.

Strategic Marketing 5918

*Dual Credit MKTG230

Grade 12

2 trimesters, 2 credits

Prerequisite: Principles of Marketing

Students will study the basic principles of consumer behavior and examine the application of theories from psychology, social psychology and economics. The relationship between consumer behavior and marketing activities will be reviewed. This course will require student's membership in DECA. during Period 5 Trimesters 1, 2, or 3; or be in Professional Academic Internship Periods 4-5 during Trimester 3.

Leadership Development in Action 5237

Grades 11-12

1 trimester, maximum 6 credits

Prerequisite: CTSO (DECA) Officer at local, state, or national level

This course is only for students who cannot fit a marketing course in their schedule. Leadership Development in Action is a project-based course in which students integrate higher order thinking, communication, leadership, and management processes to conduct Career and Technical Student Organization (CTSO) leadership projects at the local, state, or national level. Each student will create a vision statement, establish standards and goals, design and implement an action plan and timeline, reflect on their accomplishments, and evaluate results. Authentic, independent application through CTSO student-directed programs or projects, internship, community based study, or in-depth laboratory experience is required. Research and development, interdisciplinary projects, and/or collaboration with postsecondary faculty, community agencies or organizations are appropriate approaches. Membership in an Indiana recognized CTSO is required. Service learning experiences are highly recommended. Achievement of applicable Career and Technical Education (CTE), academic, and employability competencies will be documented through a required student portfolio.

Work Based Learning, Business and Marketing 5260

Grade 12

1-3 trimesters, 6 credits (1 class period)

Applied to Technical Honors Diploma

Prerequisite: Successful completion of Preparing for College and Careers, Principles of Marketing and enrolled in Strategic Marketing

Work Based Learning, Business and Marketing course provides opportunities for students to gain "real world" attitudes, skills, and knowledge through on-the-job training and related classroom instruction. The classroom instruction may be a blend of both group and individual instruction planned and organized with activities associated toward the career objectives and on-the-job training. This course would allow students to be released from school for the opportunity to be employed in a business/marketing related occupation for the purpose of applying and transferring attitudes, skills, and knowledge from school to related occupations. Students must work an average of 15 hours each week, provide their own transportation, and receive teacher's approval for co-op site.

Interdisciplinary Cooperative Education (I.C.E.) 5902

Grades 11-12

3 trimesters, 9 FHS credits (2 class periods)

The ICE program is designed to afford high school juniors and seniors the opportunity to develop skills in their chosen job/career. Participants are required to work an average of 15 hours each week in a paid position, as well as, must provide their own transportation. Students are released from school early for ICE. ICE students also receive a required related classroom instruction for one period per day. The intent of the program is to teach students specific skills that will lead to successful job placement or pursuit of post-secondary education following graduation. Students will be required to complete an ICE program application and interview to be accepted into the program. Students must have a job and submit all required documents by August 1st of each school year. Each job site must be

approved by the ICE coordinator of applicable Career and Technical Education (CTE), academic, and employability competencies will be documented through a required student portfolio.

Work Based Learning Internship (codes vary, see below)

Grade 12

1-6 credits

1-3 trimesters

Applied to Technical Honors Diploma

Prerequisites: This program is ONLY open to students that have been accepted into a two or four –year secondary institution with plans to pursue a degree in a professional field.

The academic internship offers the opportunity to spend time during the school day with a professional or business person in an occupation related to the student’s chosen field. Students may be paid for the internship and are expected to attend a minimum of one class per day at Frankfort High School. Students will be required to complete an application, approval of internship site, and complete all required paperwork **prior to the start of the trimester**. Students will be required to provide their own transportation. Students will be required to intern a minimum 75 hours for 1-credit; 150 hours for 2-credits **per trimester** for completion of the **trimester**.

5974 Work Based Learning, Multiple Pathway

5975 Work Based Learning, Advanced Manufacturing & Engineering

5260 Work Based Learning, Business and Marketing

5480 Work Based Learning, Family and Consumer Sciences

5207 Work Based Learning, Health Sciences

5892 Work Based Learning, Trade and Industry

*** Ivy Tech and other institutions offer various college courses that can be substituted into the High School Curriculum after consultation with FHS administration. Please consult with the institution for the program of interest.

Career and Tech Education

Computer Tech Support 5230

Grades 10-12

1 trimester/1 credit, Max 6 credits

Allows students to explore how computers work. Students learn the functionality of hardware and software components as well as suggested best practices in maintenance and safety issues. Through hands-on activities and labs, students learn how to assemble and configure a computer, install operating systems and software, and troubleshoot hardware and software problems.

Cosmetology I and II 5802/5806

Grade 12

3 trimesters, 12 credits

Off Site Location: Christina & Company, Lafayette

This course follows a calendar set by Christina & Company

Cosmetology is a one year course beginning in June prior to the Senior year and completing in June after the Senior year. This program also requires attendance at the chosen Lafayette school on Saturdays for the entire year. This will enable students to meet the state requirements for 1500 hours of training. The area vocational district will pay approximately ½ the tuition at either Lafayette school. Students attend high school in the morning and the cosmetology school in the afternoon.

Criminal Justice (All classes must be taken together.)

***Dual Credit Vincennes University**

Grades 11-12

3 Trimesters, 6credits (Students could earn 12 College Credits)

This course could potentially meet in an offsite location.

***Vincennes University LAWE 160/Criminal Investigation 5822**

Criminal Investigation is designed as an introduction to the investigative process. The course will focus on crime scene investigation; physical evidence; interviewing; and, interrogation. The course also acts as a linkage course to criminalistics. Select offenses will also be covered during the course.

***Vincennes University LAWE100/Survey of the Criminal Justice System 5822**

Survey of Criminal At the successful completion of this course the student will acquire an understanding of the fundamental American Criminal Justice System as it relates to the following areas: the historical aspects of crime and justice; the role of law enforcement in the United States; the American Court system; correctional systems in the United States.

***Vincennes University LAWE 201/Current Trends, Issues, and Topics in Law Enforcement 5822**

This course will focus on current trends, issues, and topics in the field of Law Enforcement that are touched on in some courses, but are worthy of extensive examination including, but not limited to: Active Shooter, Community Policing, Terrorism, Militarization of Police, Ethics, Social Media/Crime Mapping/Intel, Drug Epidemics, Use of Force, Body Cameras, Criminal Justice and Mental Health Crisis, ect.

***Vincennes University LAWE150/Criminology 5822**

Introduction to the phenomena of crime and delinquency, to the types of offenses and offenders, to the basic units of the American Criminal Justice System, and to the role of law enforcement in prevention and control of deviant behavior.

Health Science Education II: Nursing 5284

***Dual Credit HLHS 107**

Grades 11-12

3 trimesters, 6 credits (Students could earn 5 College Credits)

Off Site Location: Wesley Manor or Mulberry Heath &

Retirement Community (student location determined by school officials)

This course follows Clinton Central High School's calendar

Health Science Education II: Nursing is an extended laboratory experience at the student's choice of clinical site designed to provide students the opportunity to assume the role of nurse assisting and practice technical skills previously learned in the classroom, including information on the health care system and employment opportunities at a variety of entry levels, an overview of the health care delivery systems, health care teams and legal and ethical considerations. It prepares students with the knowledge, skills and attitudes essential for providing basic care in extended care facilities, hospitals and home health agencies under the direction of licensed nurses. These knowledge and skills include recording patient medical histories and symptoms, providing medicine and treatments, consulting doctors, operating and monitoring medical equipment, performing diagnostic tests, teaching patients and families how to manage illness or injury, and perform general health screenings. This course also provides students with the knowledge, attitudes, and skills needed to make the transition from school to work in the field of nurse assisting, including self analysis to aid in career selection, job seeking and job maintenance skills, personal management skills, and completion of the application process for admission into a post secondary program. Application is required for admission.

Medical Terminology 5274

***Dual Credit HLHS 101**

Grades 11-12

3 Trimesters, 2 Credits (Student could earn 3 College Credits)

Off Site Location: Wesley Manor or Mulberry Heath &

Retirement Community (student location determined by school officials)

This course follows Clinton Central High School's calendar

This class is taught concurrently with Health Science Education II: Nursing

Medical Terminology prepares students with language skills necessary for effective, independent use of health and medical reference materials. It includes the study of health and medical abbreviations, symbols, and Greek and Latin word part meanings taught within the context of body systems. This course builds skills in pronouncing, spelling, and defining new words encountered in verbal and written information. Students have the opportunity to acquire skills in interpreting medical records and communications accurately and logically. Emphasis is on forming a foundation for a medical vocabulary including meaning, spelling, and pronunciation. Medical abbreviations, signs, and symbols are included. This course could qualify for Ivy Tech credit.

Fire & Rescue I 5820

Grades 11-12

3 trimesters, 6 credits

Off-site Location: Frankfort Fire Station

The Fire and Rescue curriculum may include five Indiana state fire certifications: (1) Mandatory, (2) Firefighter I, (3) Firefighter II, (4) Hazardous Materials Awareness, (5) Hazardous Materials Operations.

Emergency Medical Services 5210

Grade 12

Dual Credit

3 Trimesters, 6 Credits

Off Site Location: Clinton County Fairgrounds

This course follows Rossville High School's calendar

Introduction to Emergency Medical Services prepares students for State Certification as a First Responder which could lead to a career in Emergency Medical Services such as an Emergency Medical Technician or a Paramedic. A variety of instructional strategies and

technologies will be used to teach students about emergency medical service operations, personal and scene safety, scene and patient assessment, and patient care. Students have the opportunity to develop first responder skills in simulated situations. Participation in HOSA affords the student the opportunity to compete in a variety of competitive events, specifically CPR/First Aid and EMT, at both the state and national level.

Upon completion of course, a skill proficiency exam, and state written examination, a State of Indiana Department of Homeland Security an EMT-B Certification is issued. National Certification is also available.

•Recommended Prerequisite: Anatomy and Physiology, Introduction to Health Care Systems or Integrated Health Sciences I & II

Tractor/Trailer Operation 5622

Grades 12

3 Trimesters, 6 Credits

Off Site Location: TBA

This course follows Clinton Central's calendar

The Tractor/Trailer program will be offered at an off-site location as a partnership with Clinton County logistic industries. This course is designed as a comprehensive training program that prepares students to enter the trucking industry as an entry-level tractor-trailer operator. Instruction will include both classroom activities and behind the-wheel driving experiences. Additional emphasis will include preventive maintenance and basic control skills training. Students are required to submit to and pass a Department of Transportation, Distribution and Logistics physical exam and drug screen. In addition, students must reach their 18th birthday prior to graduation from high school in order to enroll in and complete this course. Upon successful completion, students will be qualified to operate Class A Commercial Vehicles on Indiana highways.

Landscape Management I 5136

Grades 11-12

3 Trimesters, 6 Credits

Off Site Location: TBA

Landscape Management provides the student with an overview of the many career opportunities in the diverse field of landscape management. Students are introduced to the procedures used in the planning and design of a landscape using current technology practices, the principles and procedures of landscape construction, the determination of maintenance schedules, communications and management skills necessary in landscape operations and the care and use of equipment utilized by landscapers. Students will also participate in leadership development, supervised agricultural experience and career exploration activities in the area of landscape management. Upon completion of the program, students have the opportunity to become Indiana Landscape Industry Certified through a state approved program.

Engineering & Technology Education

Industrial technology is the study of tools, materials, equipment, processes, products, occupations, and the effects that are posed on society by the industrial technological world in which we live. These studies are pursued both for academic and vocational (to be certified in a job after completing additional courses at Ivy Tech) in our various shops and laboratories.

Introduction to Construction 4792

Grades 10-12

This is a 2 credit course, taught in a 2 block period

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.

Construction Trades I and II 5580/5578

Grades 11-12

3 trimesters, 6 credits

Off Site Location: Classroom in CSF Annex and Job Site

FHS Prerequisite: Introduction to Construction or Letter of Recommendation

Students will be at the building site for close to three hours each day. During the typical school year they will complete one house, from start to finish. Students' primary focus will be on job site safety, carpentry, roofing, drywall, and residential wiring. In addition, students will be introduced to blueprint reading and design, insulation, plumbing, foundation and concrete flat work, and construction math. There will be some classroom work including homework. This program may be taken for two years.

Introduction to Engineering Design IA (EPICS) 4802

1 trimester, 1 credit

Grades 9-12

Introduction to Engineering Design (EPICS) is an introductory course which develops student problem solving skills using the design process. Students document their progress of solutions as they move through the design process. Students develop solutions using elements of design and manufacturability concepts. They develop hand sketches using 2D and 3D drawing techniques. Computer Aided Design (CAD). This course will focus on gaining the engineering design skills and tools to use in the community

Introduction to Engineering Design IB (EPICS) 4802

1 trimester, 1 credit

Grades 9-12

Prerequisite: Introduction to Engineering Design (EPICS) IA or PLTW Introduction to Engineering Design

Introduction to Engineering Design (EPICS) is an introductory course which develops student problem solving skills using the design process. Students document their progress of solutions as they move through the design process. Students develop solutions using elements of design and manufacturability concepts. They develop hand sketches using 2D and 3D drawing techniques. Computer Aided Design (CAD). This course will focus on community interaction using Engineering skills and tools.

Civil Engineering and Architecture 5650

2 Trimesters, 2 Credits

Grades 10-12

This course introduces students to the fundamental design and development aspects of civil engineering and architectural planning activities. Application and design principles will be used in conjunction with mathematical and scientific knowledge. Computer software programs should allow students opportunities to design, simulate, and evaluate the construction of buildings and communities. During the planning and design phases, instructional emphasis should be placed on related transportation, water resource, and environmental issues. Activities should include the preparation of cost estimates as well as a review of regulatory procedures that would affect the project design. This course could qualify for Ivy Tech credit.

Engineering Design & Development A & B 5698

This is a 2 credit course

Grades 11-12

Prerequisite: Introduction to Engineering Design, Principles of Engineering, or one specialty course

Engineering Design and Development is an engineering research course in which students work in teams to research, design, test, and construct a solution to an open-ended engineering problem. The product development life cycle and a design process are used to guide the team to reach a solution to the problem. The team presents and defends their solution to a panel of outside reviewers at the conclusion of the course. The EDD course allows students to apply all the skills and knowledge learned in previous pre-engineering courses. The use of 3D design software helps students design solutions to the problem their team has chosen. This course also engages students in critical thinking and problem-solving skills, time management and teamwork skills, a valuable set for students' future careers.

Project Lead the Way

***Dual Credit DESN102/Introduction to Engineering Design 4812 2 trimesters, 2 credits (3 College Credits)**

Prerequisite: Algebra I completed

Grades 9-12

Introduction to Engineering Design is an introductory course which develops student problem solving using the design process. Students document their progress of solutions as they move through the design process. Students develop solutions using elements of design and manufacturability concepts. They develop hand sketches using 2D and 3D drawing techniques. Computer Aided Design (CAD).

***Dual Credit DESN104/PLTW Principles of Engineering Design 4814**

2 Trimesters, 2 Credits (3 College Credits)

Grades: 10-12

Prerequisite: PLTW Introduction to Engineering Design, Algebra I

Principles of Engineering is a course that focuses on the process of applying engineering, technological, scientific and mathematical principles in the design, production, and operation of products, structures, and systems. This is a hands-on course designed to provide students interested in engineering careers to explore experiences related to specialized fields such as civil, mechanical, and materials engineering. Students will engage in research, development, planning, design, production, and project management to simulate a career in engineering. The topics of ethics and the impacts of engineering decisions are also addressed. Classroom activities are organized to allow students to work in teams and use modern technological processes, computers, CAD software, and production systems in developing and presenting solutions to engineering problems.

Transportation

***Dual Credit AUTC100/Automotive Services Technology I.A 5510**

Introduction to Automotive Technology 1 Trimester, 1 Credit (3 College Credits)

Grades: 10-12

This is an introductory course which gives students an overview of the operating systems of the modern automobile. Students will be introduced to the tools and terminology used in the automotive industry as well as the EPA,CAFÉ, NHTSA regulations that govern our industry. Students will learn to perform basic service and maintenance procedures. Students will also study the how the automotive repair business is structured.

***Dual Credit AUTC 121/Automotive Services Technology I.B. 5510**

Braking Systems

1 Trimester, 1 Credit (3 College Credits)

Grades: 10-12

Prerequisite: Automotive Services I.A.

This introductory course teaches theory, service and repair of automotive braking systems and their components. Emphasis is given to hydraulic theory, repair, and service of system components, including anti-lock and traction control systems.

***Dual Credit AUTC 111/Automotive Services Technology I.C. 5546**

Steering and Suspension

1 Trimester, 1 Credit (3 College Credits)

Grades: 10-12

Prerequisite: Automotive Services I.A.

This first year, introductory course will study steering and suspension systems commonly used on modern vehicles. Students will study steering and suspension components, power steering units, principles of four-wheel alignment, tire repair and wheel balancing. The course will emphasize professional methods of diagnosis and repair for related components.

***Dual Credit AUTC 131/Automotive Services Technology II.A. 5546**

Engine Performance

1 Trimester, 1 Credit (3 College Credits)

Grades: 10-12

Prerequisite: Automotive Services I.A.

This is the first in a series of three courses that introduces the operating systems of an internal combustion engine. The basic theory and operation of ignition, fuel, emission, and mechanical systems will be presented. Basic test procedures will be introduced. Computer engine control basics will be explained. Basic service and replacement procedures and techniques will also be covered.

***Dual Credit AUTC 127/Automotive Services Technology II.B. 5546**

Engine Repair

1 Trimester, 1 Credit (3 College Credits)

Grades: 10-12

Prerequisite: Automotive Services I.A.

This course studies precision tools, equipment, and procedures needed to repair today's modern engine. Repair, proper assembly, and installation techniques applicable to the modern engine are included.

***Dual Credit AUTC 111/Automotive Services Technology II.C. 5546**

Electrical Systems

1 Trimester, 1 Credit (3 College Credits)

Grades: 10-12

Prerequisite: Automotive Services I.A.

This course encompasses the sub topics of the NATEF/ASE identified areas of Electrical Systems. This course provides the opportunity for dual credit for students who meet postsecondary

requirements for earning dual credit and successfully complete the dual credit requirements of this course.

Manufacturing Technology

Introduction to Manufacturing 4784

Grades 9-12

1 trimester, 1 credit

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. This understanding is developed through the study of the two major technologies, material processing and management technology, used by all manufacturing enterprises. Students will apply the skills and knowledge of using modern manufacturing processes to obtain resources and change them into industrial materials, industrial products and consumer products. Students will investigate the properties of engineered materials such as: metallics; polymers; ceramics; and composites. After gaining a working knowledge of these materials, students will study six major types of material processes: casting and molding; forming; separating; conditioning; finishing; and assembling.

Dual Credit ADMF101/Advanced Manufacturing I 5608

Grades 10-12

2 Trimesters, 4 Credits (3 College Credits)

Prerequisite: Introduction to Manufacturing

This course includes classroom and laboratory experiences in two broad areas: Industrial Technology/Software Controls and Manufacturing Trends. Industrial Technology and Software Controls covers wiring and schematic diagrams used to design, install, and repair electrical/electronic equipment such as wireless communication devices, programmable controllers. Course content will include basic theories of electricity, electronics, digital technology, and basic circuit analysis. Activities include experiences in: soldering; use of an oscilloscope, meters, signal generators and tracers; breadboarding; circuit simulation software; and troubleshooting. Understanding and using the underlying scientific principles related to electricity, electronics, circuits, sine waves, and Ohm's Law are integral to this course. Manufacturing Trends covers basic concepts in manufacturing operations and plant floor layout in the production environment. Applications of

Computer Numerical Control (CNC), and lathe and turning operations are developed as a foundation for machining operations. Coordinate system concepts are introduced as relevant to machining processes, as well as fluid and mechanical power, welding, and lean manufacturing. Fluid power concepts will include hydraulic components and circuits, laws and principles, fluid power controllers, and the construction of systems. In the mechanical power portion of the course, students will learn about machine specifications, basic forces, friction, simple machines, motors, and motor controls. Students will also be introduced to lean manufacturing where they will study concepts including: lean goals, product quality, eliminating waste, cost effectiveness, lean concepts, resource planning, continuous improvement, and the various advantages of lean manufacturing. This course includes MSSC concepts required to earn MSSC certification. This course could qualify for Ivy Tech credit.

Dual Credit ADMF102/Advanced Manufacturing II 5606**Grade 11-12****2 Trimesters, 4 Credits (3 College Credits)****Prerequisite: ADMF101/Advanced Manufacturing I**

This class introduces basic blueprint reading, Computer Numerical Control (CNC) operation and the skills commonly used in the manufacturing industry. Areas of study will include: interpretation of drawing dimensions and notes to ANSI standards for machining including; Geometric Dimensioning and Tolerancing (GDT), welding, fabrication applications and inspection techniques. Students will be able to use Computer Aided Design software (CAD) to create 3D models and working drawings. Skills in the setup and operation of a CNC mill and lathe will also be acquired using multiple machine tool controllers. Other more general topics will include coordinate systems, dimensioning, line precedence, multiview drawings, safe dress, tool paths, speed and feed calculations, and tool selection. The course also introduces robotics, automation, and Computer Integrated Manufacturing Technology (CIMT). Common types of factory automation will be identified. The course will focus on three main types of manufacturing automation including; Programmable Logic Controllers (PLC), Computer Numerically Controlled Machines (CNC), and Robotics. Topics cover robotic principles including basic theory, robot safety, robotic classifications, applications, socioeconomic impact, work cell design, robot programming (Pendant and Software Language), and sensor and actuator interfacing. This course could qualify for Ivy Tech credit.

Welding Technology IA 5776/ Dual Credit WELD100**Grades 11 – 12****1 Trimester, 1 Credit (3 College Credits)****Prerequisite: Introduction to Manufacturing or Letter of Recommendation**

Provides general study of oxy-fuel, shielded metal arc, gas tungsten arc, gas metal arc, submerged arc, plasma arc, resistance, flash and upset, friction, electron beam, and laser welding processes. Covers equipment, techniques, electrodes, fuel gases and/or shielding gases, weld joint design, advantages and limitations, process applications, process variables and operational costs.

Welding Technology IB 5776**Grades 11 - 12****1 Trimester, 1 Credit (3 College Credits)****Prerequisite: Welding Technology IA**

Covers the welding of ferrous metals and alloys utilizing metallic manual arc welding methods. Includes procedures in joint design using “T” joint, lap joint, and butt joint designs. Covers single pass and multi-pass techniques. Emphasizes safety hazards and safe practices in arc welding.

Welding Technology IC 5776/Dual Credit WELD108**Grades 11 – 12****1 Trimester, 1 Credit (3 College Credits)****Prerequisite: Welding Technology IB**

Welding Technology I includes classroom and laboratory experiences that develop a variety of skills in oxy-fuel cutting and Shielded Metal Arc welding. This course is designed for individuals seeking careers in Welding, Technician, Sales, Design, Research or Engineering. Emphasis is placed on safety at all times. OSHA standards and guide lines endorsed by the American Welding Society (AWS) are used. Instructional activities emphasize properties of metals, safety issues, blueprint reading, electrical principles, welding symbols, and mechanical drawing through projects and exercises that teach students how to weld and be prepared for college and career success. This course could qualify for Ivy Tech credit and possible AWS welding certification.

English Department

Students 9th through 12th grade level will experience an integrated approach to the teaching of, composition, literature, grammar, and vocabulary.

Core English Classes

English 9 FY 1002

Grade 9

3 trimesters, 2 credits

First trimester of English 9 focuses on skills and activities that form a solid foundation for success in upper level English classes. Arranged thematically, students cover several areas of study including: introduction to the major genres of literature and writing, literary terms and techniques, review of standard grammar and usage, building blocks of writing, test taking and critical reading skills, problem solving, group work, and special projects. This class serves as early preparation for students planning to attend college.

English 9, Honors 1002

Grade 9

3 trimesters, 2 credits

***Summer Assignment Component**

This course consists of two trimesters and is designed to challenge ninth grade students who plan to participate in the Advanced Placement (AP) or honors English program as upperclassmen. In addition to the traditional freshman English curriculum, topics will include the following: a research paper, standardized test practice, an introduction to literary criticism and analysis, and extensive outside-of-class reading and independent work. A strong emphasis will also be placed on individual projects as well. Among others, selections for the class may include: *A Long Way Gone* (Beah), *Frankenstein* (Shelley), *The Odyssey* (Homer), *Romeo and Juliet* (Shakespeare) and *Animal Farm* (Orwell)

English 10 1004

Grade 10

3 trimesters, 2 credits

This course includes an in-depth focus on reading comprehension, vocabulary, and writing skills. Literature will be covered with the Pearson Anthology, various short stories, and outside novels such as *Fahrenheit 451* and *Night*. Instruction will lead to the ISTEP that must be passed for graduation requirements. Students will take practice tests, complete common formative assessments each month, and work toward the goal of passing this test with help in reading comprehension, constructed responses, and essay writing.

English 10, Honors 1004

Grade 10

3 trimesters, 2 credits - Prerequisites: Teacher recommendation and successful completion of Honors English 9. Must submit summer work.

This course consists of two trimesters and is designed for students who plan to participate in the Advanced Placement (AP) English program as upperclassmen. In addition to the traditional sophomore English curriculum, topics will include the following: the modes of discourse, standardized test practice, extensive outside-of-class reading and independent work, a major research-based project that encompasses both English and another discipline, a survey unit on an author of the instructor's choosing, and in-depth coverage of a targeted literary period. In addition, students will be challenged with short AP level assignments designed to challenge them and prepare them for the Advanced Placement English program. Summer work is required and factored into the trimester one grade.

English 11: Writing & Grammar 11 / American Literature 1006

Grade 11

2 trimesters, 2 credits

In this course students critically read selected American literature from the 1600's to the present, focusing on major literary periods and themes. Students develop an understanding of American literature by examining the fundamental elements of style and substance in specific genres of fiction and nonfiction. Building on instruction from previous years, students review the writing process and standard English conventions through exemplars and students' own writing, emphasizing problem solving skills, citing textual evidence, vocabulary acquisition, and critical reading strategies.

English 11-Honors (An advanced English/Language Arts course based on the Indian Academic Standards for grade 11)

Grade 11

2 Trimesters/2 Credits

Prerequisites: Honors English 9/Honors English 10 and/or teacher recommendation. Note that summer work is required and factored into trimester A grade.

Section A: This portion of the course is a study of distinct features of **American Literature** and is tightly focused on the short story genre. The course explores historical periods, themes, and authors. Students analyze distinguishing features of the short story genre, as well as exemplars from other literary genres via critical reading, analysis, and responsive writing. Students connect the readings to American history and culture, as well as take into account how literature and history reflect one another. Students will learn and employ required academic vocabulary in daily discussion and essays in order to prepare for future coursework and standardized tests such as the SAT and the ACT. Independent reading and annotation outside of class is a necessary component of sections A and B.

Section B: In addition to critical reading of American literature, this portion of the course includes a study in advanced composition and the application of rhetorical writing strategies. Students write expository critiques of nonfiction selections, literary criticism of fiction selections, and persuasive essays. Students will complete multiple academic essays (i.e. argument, analysis, synthesis), as well as a brief independent research paper and project. .

English 12: Writing & Grammar / British and/or World Literature 1008

Grade 12

2 trimesters, 2 credits

The goal of English Language Arts 12 is to continue to build a solid foundation of knowledge, skills, and strategies that will be refined, applied, and extended as students engage in more complex ideas, texts, and tasks. In English Language Arts 12, students will add to the list of various genre of classic and contemporary narrative and informational texts that will be read and analyzed throughout high school with a special focus on British and World literature. Twelfth graders will connect with and respond to texts. They will learn to use forward thinking to help make better decisions, to generate new ideas for solving problems, and to find wisdom. This course reviews the writing process—planning, drafting, revising, and publishing. It includes a review of grammatical skills on an as-needed basis, as well as review and practice problem solving skills, critical thinking skills, and reading skills.

English Literature, Honors 12 Literature 1030

Grade 12

2 trimester, 2 credits

Prerequisite: Completion of Honors or AP 11 or teacher permission, Must finish summer reading

Honors 12 Literature provides a repertoire of representative literature produced by British-speaking authors. This course includes the study of major British authors from the Anglo-Saxon period to the present, literary movements, and intellectual trends. Among the authors covered will be Chaucer, Shakespeare, Goethe, Swift, Woolf, and Orwell. It also provides an examination of the contributions of British authors to specific literary genres, such as poetry, drama, the essay, and the novel. Writing and classroom discussion activities

include opportunities for students to respond to literature both analytically and reflectively.

AP Entrance Criteria

Advanced Placement courses are designed for the highly talented and motivated student. Students enrolled in AP classes have the opportunity to earn college credit or advanced college placement as prescribed in the College Entrance Examination Board.

Almost all colleges and universities in the United States recognize the scores received on the Advanced Placement examination and give credit accordingly.

***AP English Language and Composition/Dual Credit ENG111 1056**

Grade 11

2 trimesters, 2 credits (3 College Credits)

Prerequisites: Minimum of 3.0 GPA in college prep classes, B+ average in Honors English 9 and 10, consistent display of high level of motivation, exhibit exemplary writing skills, and complete summer reading and all related assignments. Must finish summer reading must have recommendation of English teacher.

Students in this introductory college-level course will work on becoming skilled readers of a broad variety of texts with the ultimate goal of becoming a skilled writer and rhetorician, being able to not only identify arguments and how they are presented but also able to present their own arguments to the best of their ability.. Through a wide variety of reading and writing experiences, students will become more aware of each author's subject, audience, purpose and theme. Students will examine personal letters, business documents, investigative journalism, speeches, images and from a wide base of authors and time periods. Students will also create pieces in many different rhetorical modes discovering the similarities and differences between each type of writing. The process of revision is also stressed. Summer reading and writing are also a large portion of the requirements for this class. Students will practice completing timed writing as well to prepare for the AP Language and Composition Exam.

AP English Literature and Composition 1058

Grade 12

2 trimesters, 2 credits

Prerequisites: Minimum of 3.0 GPA in college prep classes, B+ average in Honors English 9 and 10, consistent display of high level of motivation, exhibit exemplary writing skills, and complete summer reading and all related assignments must have recommendation of English teacher.

AP English is designed to help students prepare for the rigors of the national AP literature and composition exam and the demands of college level literature and writing classes. Following the guidelines set by The College Board, this course focuses on critical analysis of literary works from various genres and periods, with an emphasis on language, characterization, action, themes, structure, meaning, and value. Although speaking and listening are important elements of the class, the focus is on critical reading and on writing.

World Literature Classes

Ethnic Literature I: Holocaust 1032

(Course taught on even years)

Grades 11-12 or 10* with teacher permission

1 trimester, 1 credit

Prerequisite: Successful completion of CORE classes

Ethnic Literature I provide students with a study of literature concentrating on the Holocaust. Various other ethnic cultures will be

represented. Students will be provided with opportunities to explore ethnic experiences, themes, and ideas. This course will focus on prejudice and problems for the victims of the holocaust and various other cultures. Students will complete two research projects and read at least one novel. Various short stories, films, and writing assignments will be used to compare and contrast various groups.

English Elective Credits

Basic Skills Development 0500

Grades 9-12

3 tri/3 credits, up to 8 credits

A multidisciplinary course that provides students continuing opportunities to develop basic skills including: (1) reading, (2) writing, (3) listening, (4) speaking, (5) mathematical computation, (6) note taking, (7) study and organizational skills, and (8) problem-solving skill, which are essential for high school course work achievement. Determination of the skills to be emphasized in this course is based on Indiana's standards, individual school corporation general curriculum plans, and the student's Individualized Education Programs (IEP) or other individualized plans. Skills selected for developmental work provide students with the ability to continue to learn in a range of different life situations.

Creative Writing 1092

Grades 11-12

1 trimester, 1 credit

Prerequisite: Successful completion of CORE classes

In this workshop-based class, students will be encouraged to explore self-expression, creativity, and appropriate writing conventions in the following literary genres: short stories, poetry, and non-fiction essays. The course will also explore and develop basic qualities of the creative writer, including: sentence function and clarity, environmental awareness, sensory and figurative language, journal-keeping; and cultural literacy. Writers will be required to organize, edit, and critique their own work as well as the work of their peers.

Developmental Reading 1120

Grades 9-12

1-3 trimester(s), 1-3 credit(s)

Developmental Reading provides study and practice in the strategies necessary to increase reading comprehension. This course emphasizes strategies for adapting method and speed of reading to the type of material and purpose for reading. It also includes strategies for using reading to gather, retain, and analyze information. Students apply the strategies learned to a variety of types of reading material, ranging from newspapers and magazines to self-selected books. The course develops the student's appreciation of reading as a lifelong leisure activity.

English ISTEP Lab 1010

Grade 11-12

1 trimester, 1 elective credit

Prerequisite: Not completing ISTEP requirements for graduation

In this class students will be prepared to meet state requirements for passing the ISTEP for English 10. This class will only be offered to students who did not meet state standards with the first test. Students will work toward mastering the standards for English 10.

Etymology 1060

Grades 10-12

1 trimester, 1 credit

Prerequisite: Successful completion of CORE classes

Etymology, the study of word histories, primarily centers around vocabulary enhancement, the history of the English language, and the

dynamics of language. Based on *Indiana's Academic Standards for English/Language Arts* and the *Common Core Standards for English/Language Arts*, students will study Greek, Latin, Proto-Germanic, and French roots; analyze connotative and denotative meanings of words; recognize relationships among words; examine how culture influences language through tradition, values, government, and progress; complete a project related to the language history of a particular topic; and improve in ability to choose words that express precisely the meaning intended. Students are encouraged to take this course early in their high school career in order to reinforce/improve vocabulary prior to standardized testing for college admission.

Journalism 1080

Grades 10-12

1 trimester, 1 credit

Prerequisite for yearbook and newspaper.

This class is based on the Indiana Academic Standards for Journalism. Students enrolled in Journalism will read, write and publish. These activities will include the fundamentals of Journalism, history of Journalism, interview skills, and many others which will be combined to create the High Life. Students will work on various skills including communication with peers and adults, team work, and responsibility.

Language Arts Lab 1010

Grade 9

1 trimester, 1 credit

Teacher recommendation

Language Arts Lab is an enrichment course designed to improve writing skills and reading comprehension. Students are recommended by teachers, but can request to enroll. Language Arts Lab is a supplemental course that provides students with individualized or small group instruction designed to support success in completing language arts course work aligned with Indiana's Academic Standards for English Language Arts in Grades 9-12 and the Common Core State Standards for English Language Arts, focusing on the Writing Standards (Standards 4, 5, and 6).

Poetry 1044

Grades 10-12

1 trimester, 1 credit

This course is an extended study of poetry as a genre and is based on both Indiana's Academic Standards and the Common Core. Students in this class will study the interpretation of poetic works and the construction of a poem, including the use of poetic devices, structures, and techniques. Students will examine a wide variety of poetic works from major poetic movements up to and including contemporary poetry, focusing on how poetic elements contribute to a poem's meaning and impact. Through this class, students will be exposed to a variety of forms of communication, build a strong understanding of figurative language and connotation, and apply this understanding in their own compositions. Students who take this class will strengthen their skills in literary interpretation and citing textual evidence to support their claims.

Student Publications: Yearbook/Cauldron 1086

Grades 10-12

1 trimester, 1 credit

Prerequisite: Journalism or Teacher approval and Application with writing sample

This class publishes Frankfort High School's yearbook, the Cauldron. Students taking this class will learn and utilize journalistic writing techniques, photography techniques, and page design principles. Students can expect to work in an independent, office-like atmosphere while improving various skills including communication with peers and adults, team-work and responsibility. Students who are interested in writing, computer graphics, word processing, photography, and business sales should take this class. Students must

plan to work extra time throughout the year in order to meet deadlines.

Student Publications: Newspaper/High Life 1086

Grades 10-12

1 trimester, 1 credit

Prerequisite: Journalism or Teacher approval

This class publishes Frankfort High School's newspaper, the High Life. Students taking this class will learn and utilize journalistic writing techniques, photography techniques, and page design principles. Students can expect to work in an independent, office-like atmosphere while improving various skills including communication with peers and adults, team work and responsibility. Students who are interested in writing, computer graphics, word processing, photography, and business sales should take this class. Students must plan to work extra time throughout the year in order to meet deadlines.

Speech 1076

Grades 9-12

1 trimester, 1 credit

Prerequisite: Successful Completion of English 9 or freshmen with teacher recommendation

Speech is the study and application of the basic principles and techniques of effective oral communication and is based on Indiana's Academic Standards for English/Language Arts emphasizing those related to listening and speaking. Students deliver focused and coherent speeches that convey clear messages using gestures, tone, and vocabulary appropriate to the audience and purpose. Students deliver different types of oral and multi-media presentations, including informative, demonstration, persuasive, impromptu, and special occasion. Students use the same Standard English conventions for oral speech that they use in their writing.

Advanced Speech 1078/Dual Credit COMM101

Grade 10-12, 9th with permission

1 trimester, 1 credit (3 College Credits)

Prerequisite: Speech I

Advanced Speech is the study and application of skills in listening, oral interpretation, media communications, research methods, and group discussion and is based on *Indiana's Academic Standards for English/Language Arts* and emphasizing the *High School Speech and Communication Standards*. Students deliver different types of oral and multi-media presentations, including various oral interpretations, original oratory, broadcast, extemporaneous, impromptu, parliamentary procedure, and group discussion. Students are highly encouraged to use these skills as members of the Forensics Team. The course may be taken up to 2 times.

English Language Learners (ELL)

Level One - Four 1012

Grades 9-12

1-3 trimesters, 1-3 credits

The course is for students who have been in English speaking schools for less than six years and need continued language support. Students work on basic and academic vocabulary, reading, writing, listening and speaking in English.

Level Two 1012

Grades 9-12

1-3 trimesters, 1-3 credits

The Level 2 course is for students who are on level two, have been in English speaking schools for 6 years or more, and need continued language support. Students work on academic vocabulary through reading, writing, speaking and listening in English.

Level Three 1012

Grades 9-12

1-3 trimesters, 1-3 credits

The Level 3 course is for students who are on level 3, have attended English speaking schools for 6 years or more, and need continued language support. Students work on academic vocabulary through reading, writing, speaking and listening in English.

Level Four 1012

Grades 9-12

1-3 trimesters, 1-3 credits

The Level 4 course is for students who are on level 4, have attended English speaking schools for 6 years or more, and need continued language support. Students work on academic vocabulary through reading, writing, speaking and listening in English.

Exceptional Needs Department

(Special Education Services)

The Frankfort High School special education services meet the unique needs of individual students. Special education services are developmentally appropriate and strength-based. These services are planned in collaboration with all child-serving systems involved in the student's life and are provided in a supportive educationally designed learning environment. All services and supports are provided on a continuum ranging from a least restrictive to more restrictive structure as determined by a Case Conference Committee and by student need. Information about the student's Individualized Education Plan is discussed, at minimum, annually and may be reviewed at any time by request.

Family and Consumer Science

Adult Roles and Responsibilities 5330

Grades 11-12

1 trimester, 1 credit

Prerequisites: None

Adult Roles and Responsibilities builds knowledge, skills, attitudes, and behaviors students will need as they prepare to take the next steps toward adulthood in today's ever-changing society. Concepts include money management, (banking and credit use), buying a car, housing selection, health maintenance, dating selection, marriage, nutrition, family life cycle and death/dying. A variety of people from the community participate as guest speakers. Student experiences in the community are emphasized. This course is designed 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.

Advanced Child Development 5360

Grades 10-12

1 trimester, 1 credit

Prerequisites: Completion of Child Development and Parenting I with a C average or better, and/ or teacher recommendation.

This course addresses the knowledge, skills, attitudes, and behaviors associated with supporting and promoting optimal growth for children ages 4 through 12. A special emphasis on guiding physical, social, emotional, intellectual, moral, and cultural development is explored. Topics include positive parenting and nurturing across ages and stages; practices that promote long-term well-being of children and their families; developmentally appropriate guidance and intervention strategies with individuals and groups of children. Students will access, evaluate, and utilize information, including brain/learning research and other research results to meet needs of children, including children with a variety of disadvantaging conditions. Students will explore "all aspects of the industry" for selected child related careers. This course is recommended for any student for enrichment and as a foundation for students with interests in any child-related career or profession.

Child Development 5362

Grades 9-12

1 trimester, 1 credit

Prerequisites: None

This course addresses the knowledge, skills, attitudes, and behaviors associated with supporting and promoting optimal growth and development of infants and children through 3 years old. The focus is on research-based nurturing and parenting practices and skills that support positive development of children. Topics include consideration of roles, responsibilities and challenges of parenthood; human sexuality; teen pregnancy; prenatal development; preparation for birth, the birth process; meeting the physical, social, emotional, intellectual, moral, and cultural growth and developmental needs of infants and children.

Education Professions I 5408/Dual Credit EDUC101

Grades 11-12

2 period block

2 credits per trimester (3 College Credits)

Prerequisites: College bound juniors or seniors who are interested in child-related or education-related careers and have at least a 2.5 GPA.

Students could receive 3-Ivy Tech college credits in EDUC 101

The course of study includes, but is not limited to: planning and guiding developmentally appropriate activities for school-age children; developmentally appropriate practices of guidance and discipline; teaching profession, the learner and the learning process, planning instruction, learning environment, and instructional and assessment strategies; and prepares students for employment in education and related careers and provides the foundation for study in higher education in these career areas. Related theory instruction and intensive experiences in one or more child care/preschool or school classrooms, resumes, and career portfolios are required components. Students are monitored in their field experiences by the Education

Professions teacher. Students are required to dress in business casual attire if they are in a school setting, and behave as a positive role model inside and outside the childcare/classroom setting. Students must have their own transportation to their designated site each day. Students electing to take this course may work in pre-school or kindergarten-3rd grade. It is highly recommended, but not required, to have taken Child Development I and II before taking this course.

Education Professions II 5404

Grades 11-12

2 period block

2 credits per trimester

Prerequisites: Juniors and seniors with at least a 2.5 GPA and completion of Education Professions I. Must also have teacher recommendation.

This course is a continuation of Education Professions I. The same guidelines are applied in this course of study as they are in Education Professions I. However, students may elect to work with 3rd grade through 8th grade.

**** Please see Education Professions I for guidelines and expectations of this course. ****

Interpersonal Relationships 5364

Grades 9-12

1 trimester, 1 Credit

Prerequisites: None

Interpersonal Relationships is an introductory course in the Education and Training Pathway that is especially relevant for students interested in careers that involve interacting with people both inside and outside of a business/organization, including team members, clients, patients, customers, and the general public. It is also valuable for all students as a life foundation and for academic enrichment. This course addresses knowledge and skills needed for positive and productive relationships in career, community, and family settings. Major course topics include communication skills; leadership, teamwork, and collaboration; conflict prevention, resolution, and management; building and maintaining relationships; and individual needs and characteristics and their impacts on relationships.

Introduction to Culinary Arts & Hospitality 1 5438

Grades 10-12

1 trimester, 1 credit

Prerequisites: Pass Nutrition and Wellness with a C or better

Introduction to Culinary Arts and Hospitality prepares students for a possible career in the food service industry. This course focuses on basic culinary skills that include sanitation; knife safety; various cooking methods; proper use of kitchen equipment; nutritious menu planning; using standardized recipes; working with people, business math, and portion control. Students will perform lab-based projects.

Introduction to Culinary Arts & Hospitality 2 5438

Grades 10-12

1 trimester, 1 credit

Prerequisites: Pass Introduction to Culinary Arts & Hospitality 1 with a C or better

Introduction to Culinary Arts and Hospitality 2 is a continuation of Introduction to Culinary Arts and Hospitality 1. Students are prepared for a possible career in the food service industry. This course sequence could lead into Culinary Arts & Hospitality classes at a career center.

**** Please see Introduction to Culinary Arts I for guidelines and expectations of this course. ****

Introduction to Housing and Interior Design 5350

Grades 11-12

1 Trimester, 1 Credit

Prerequisites: college bound students with "C" average

This class addresses selecting and planning living environments to meet the needs and wants of individuals and families. Topics include evaluation of housing styles; managing resources to provide shelter for individuals and homelessness; contemporary housing issues;

elements and principles of design related to interiors, housing, and architecture; blueprinting and floor planning skills; historical aspects and contemporary trends in housing, interiors, furniture, and appliances.

Introduction to Peer Tutoring 0520

Grades 10-12

Credits: 1 credit per trimester

Prerequisites: Must have a 2.5 GPA

Peer tutoring provides high school students with an organized exploratory experience to assist students in middle school, through a helping relationship, with their studies and personal growth and development. The course provides opportunities for the students to develop a basic understanding of individual differences and to explore career options in related fields. Peer Tutoring experiences are preplanned by the teacher trainer and any cooperating teacher under whom the tutoring is provided. It must be conducted under the supervision of a licensed teacher.

Nutrition and Wellness 5342

Grades 9-12

1 trimester, 1 credit

Prerequisites: None

This introductory course is valuable for all students as a life foundation and academic enrichment; it is especially relevant for students interested in careers related to nutrition, food, and wellness. This is a nutrition class that introduces students to only the basics of food preparation so they can become self-sufficient in accessing healthy and nutritious foods. Major course topics include nutrition principles and applications; influences on nutrition and wellness; food preparation, safety, and sanitation; and science, technology, and careers in nutrition and wellness. Food preparation experiences are a required component. This course provides a foundation for continuing and post-secondary education in all career areas related to nutrition, food, and wellness. This course is a prerequisite to Introduction to Culinary Arts and Hospitality.

Preparing for College and Careers 5394

Grade 9 Mandatory

1 trimester, 1 credit

Prerequisites: None

This course includes reviewing the 16 national career clusters and Indiana's College and Career Pathways, in-depth investigation of one or more pathways, reviewing graduation plans, and developing career plans. Other topics addressed include: exploration of personal aptitudes, interests, values, and goals; planning and building employability skills; transferring school skills to life and work; and managing personal resources.

****Health and Wellness 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 FACS courses (A) **Child Development** (B) **Interpersonal Relationships**. (C) **Nutrition and Wellness**. (D) **Preparing for College & Careers** or **Adult Roles and Responsibilities**.

Fine Arts Department

Art Department

The purpose of each fine arts curriculum is to promote lifelong participation in the arts by developing skilled creators, performers, critics, listeners, and observers of the arts. Students can use the arts as a means of: (1) self-expression and communication, (2) development of critical thinking skills, (3) self-knowledge and understanding of the world around them, and, (4) increasing awareness of the artistic heritage of other cultures, as well as their own. In addition all art courses will stress in some degree the Principles of Disciplined Based Art Education: (1) Art production – the learning of techniques and skills in order to produce personal “art works”. (not tracing patterns!), (2) Art History – the use of artistic accomplishments of the past and present as motivation, examples, discussion topics, illustrations of style or technique, and especially in relation to political, social, religions, economic, etc. events. (NOT just “art in the dark”, and/or names and dates lectures), (3) Art Criticism – the in-depth study of works of art (description, analysis, interpretation, judgment), tailored for specific ages and grade levels, (4) Aesthetics – assistance in forming “educated” opinions and judgments about specific works of art (not “I don’t like it, it’s dumb”).

All areas of art courses incorporate the following: Art Criticism, Aesthetics, and Production. Each art course builds on the previous course beginning with Intro. to 2D. Each student must meet the prerequisites as stated for each following course.

Parents/Guardians/Students:

Note: The Art Department’s offerings are electives. Project grades are subjective. Each project is given a point value based on experience, time, difficulty, creativity, peer level and effort. If a student does not complete and turn in an assignment they will not receive a grade higher than a D. We do not fail students based on ability and no student is entitled to a A. Students must maintain a B average, beyond Intro. to 2d, to continue in art.

Note: Students will be asked to purchase a minimum of supplies. They should maintain these supplies throughout their art experience and may use them for other classes as as needed.

Intro to 2 Dimensional Art 4000

Grades 9-12

Instructor: Mr. Clark, Mrs. Cesare

1 trimester, 1 credit

Students taking Introduction to Two-Dimensional Art engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality works.

Additionally, students: (1) create works of art, (2) reflect upon the outcomes of those experiences, (3) explore historical connections, (4) write about the process, (5) make presentations about their progress at regular intervals, (6) work individually and in groups, (7) find direct correlation to other disciplines, and (8) explore career options in visual art. Students also identify ways to utilize and support art museums, galleries, studios, and community resources.

Introduction 2D Art Honors 4000

Grade 9

Instructor: Mr. Clark, Mrs. Cesare

1 trimester, 1 credit

Prerequisite: Recommendation by the FMS art teacher, a strong artistic abilities and a expressed interest from the student in the visual arts. A grade of at least a “B” is also required in all middle school art courses.

Freshman 2D Honors will be for those freshmen who are seeking a four year experience in the visual arts. 2D Honors will have an increased emphasis on art history, composition, aesthetics, drawing, digital photography, painting and careers in the visual arts.

The FHS Art Department aspires to offer a heightened experience in the visual arts. This experience will be beneficial not only for those students who have a serious interest in pursuing a career in the visual arts, but also for those who have strong visual skills that will help them be successful at Frankfort High School.

Advanced 2 Dimensional Art 4004

Grades 9-12

Instructor: Mr. Clark, Mrs. Cesare

1 trimester, 1 credit

Prerequisite: Intro to 2 Dimensional Art

"Must maintain a B average in Intro to 2D OR have permission of Instructor."

Students in Advanced Two Dimensional Art build on the sequential learning experiences of Introduction to Two-Dimensional Art that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality works.

Additionally, students: (1) create works of art, (2) reflect upon the outcomes of those experiences, (3) explore historical connections, (4) write about the process, (5) make presentations about their progress at regular intervals, (6) work individually and in groups, (7) find a direct correlation to other disciplines, and (8) explore career options in visual art. Students also utilize art museums, galleries, studios, and community resources in their studies.

Drawing I 4060

Grades 10-12

Instructor: Mr. Clark

1 trimester, 1 credit

Prerequisite: Every potential Drawing student must have completed both Intro. 2D and Adv. 2D with a B- average and or have the permission of the instructor.

One trimester of drawing fundamentals utilizing a variety of mediums. Areas of study include still lifes, portraiture, cartooning, non-objective and figurative drawing. Required of those students who wish to participate in the upper level classes and may be taken concurrently with those classes.

Painting I 4064

Instructor: Mr. Clark

Grades 10-12

Prerequisite: Every potential Painting student must have completed both Intro. 2D and Adv. 2D with a B- average and or have the permission of the instructor.

1 trimester, 1 Credit

Students will focus on fundamentals, technique, and a variety of painting mediums. It is recommended, but not required, that a student have taken Drawing I before taking Painting I. Strong drawing skills are helpful.

Intro to 3 Dimensional Art (Mixed Media) 4002

Instructor: Mr. Clark

Grades 10-12

1 trimester, 1 credit

Prerequisites: Every potential 3 Dimensional student must have completed both Intro. 2D and Adv. 2D with a B- average and or have the permission of the instructor.

Students taking Introduction to Three-Dimensional Art will (1) create works of mixed media art, (2) reflect upon the outcomes of those experiences, (3) explore historical connections, (4) write about the process, (5) make presentations about their progress at regular intervals, (6) work individually and in groups, (7) find a direct correlation to other disciplines. Students will explore a variety of traditional and non-traditional sculptural techniques including, but not limited to: Assemblages, Paper Construction, Ceramics, Shadow Box, and Plaster Carving. Students who enter this course need to be “resourceful”! You will need to be able to bring in materials found outside of the classroom setting.

Advanced Drawing/Painting I 4060

Instructor: Mr. Clark

Grades 11-12

1 trimester, 1 credit

Prerequisites: Every potential Advanced Drawing/Painting student must have completed both Intro. 2D, Adv. 2D, Intro. To Drawing and Intro. To Painting with a B- average and or have the permission of the instructor.

Focusing heavily on Drawing this class will revisit previous terms and techniques explored in "Drawing I". Students will use a variety of media, techniques and styles including, but not limited to Free Form Drawing, Abstract Expressionism, Op Art and Animation. Students will study those artists who will directly influence their own work. All students will be required to purchase and maintain a portfolio and sketchbook. Each student's work will be required to have an accompanying written summary of their work. Students will be responsible for those supplies outside of "normal" department provisions. Students will be required to do work outside the classroom setting.

Advanced Drawing/Painting II 4060

Instructor: Mr. Clark

Grades 11-12

1 trimester Prerequisite: Every potential Advanced Drawing/Painting student must have completed both Intro. 2D, Adv. 2D, Intro. To Drawing and Intro. To Painting with a B- average and or have the permission of the instructor.

1 semester, 1 credit

Students will continue to rely heavily on various Drawing Mediums. Students will explore the areas of Figurative/Portrait Drawing, The influences of Symbolism, Expressionism and Pop Culture will be discussed. Students will continue to study those artists who will directly influence their own work. All students will be required to purchase and maintain a portfolio and sketchbook. Each student's work will be required to have an accompanying written summary of their work. Students will be responsible for those supplies outside of "normal" department provisions. Students will be required to do work outside the classroom setting.

Advanced Art: Studio Art 4004

Instructor: Mr. Clark

Grade 12 only 1 trimester, 1 credit

Prerequisites: Art Majors. Seniors only, Permission of instructor "Must maintain a B average in previous art classes OR have permission of Instructor. Each student will explore various career opportunities in the field of visual arts. Each student will use this time to develop a portfolio in preparation for post-high school opportunities. Each student will also select possible opportunities in the arts, research those opportunities and develop strategies for pursuing a career in those areas of interest. Students will be required to do work outside of the classroom setting. Students will be required to maintain a "journal" of their work, studies, interviews and findings which will be presented at the conclusion of the trimester

AP Art History 4025

Grades 11-12

2 trimesters, 2 credits

Prerequisite: Intro 2 D Art, Adv 2D Art (minimum of 3 art classes, preferably more), along with many history classes. Must be a college bound student wanting to major in Art and Design or have a sincere interest in it.

AP Art History is designed to provide the same benefits to secondary school students as those provided by an introductory college course in art history. In the course, students examine major forms of artistic expression from the ancient world to the present and from a variety of cultures. They learn to look and analyze works of art within their historical context, and to articulate what they see or experience in a meaningful way. A meaningful way to experience works of art is learning to frame an understanding that relates how and why works of art communicate visual meaning.

The main objectives of AP curriculum in Art History are to develop in students:

- the ability to apply fundamental art and art historical terminology.
- an appreciation for the process of making and displaying art.
- an understanding of purpose and function of art.
- the ability to analyze works of art in context of historical evidence and interpretation, examining such issues as politics, religion, patronage, gender, and ethnicity.
- an understanding of cross-cultural and global nature of art.
- the ability to perform higher order thinking skills and articulate visual and art historical concepts in verbal and written forms.

AP Art History should be a chosen elective for those students, 11 and 12th grade, wishing to pursue a visual arts career and or visual arts studies at the collegiate level.

Visual Communication I 4086

Instructor: Mrs. Cesare

Grades 11-12

1 trimester, 1 Credit

Prerequisite: Completion of Intro to 2D Art, and teacher recommendation

"Must maintain a B average in previous art classes and have permission of Instructor."

Students will explore the various areas of graphic design such as typography, illustration, logo design, packaging design, environmental design, and advertising. Students will gain a working knowledge of Adobe Illustrator. This course also includes: (1) Art Production, (2) Art History, (3) Art Criticism, and (4) Aesthetics

Visual Communication II 4086

Instructor: Mrs. Cesare

Grades 11-12

1 trimester, 1 credit

Prerequisite: Successful completion of Visual Communication I & teacher recommendation

"Must maintain a B average in previous art classes and have permission of Instructor."

Visual Communications II is a more in-depth study of Visual Communication and Design within the Adobe Illustrator program. Projects included: illustration of a children's story/book, poster, design of book or magazine cover, re-design existing package design, design Frankfurt themed T-shirt, and personal mark/ logo.

Digital Design (Computer Graphics/Arts) 4082

Instructor: Mrs. Cesare

Grades 10-12

1 trimester, 1 credit

Prerequisite: Intro to 2 Dimensional Art, "Must maintain a B average in previous art classes and have permission of Instructor."

Students will focus on the use of a computer as a new artistic medium. Students will gain a working knowledge of the following programs: Paint, Adobe Illustrator, and Adobe Photoshop. This course also includes the study of Western Art History through Postmodernism and art of the 21st century. . Students will apply their knowledge of this history of art in addition to the elements and principles of art to create computer generated art. Composition, aesthetics, art criticism, and creative expression are discussed within each project.

Digital Photography I 4062

Instructor: Mrs. Cesare

Grades 9-12

1 trimester, 1 credit

Digital Photography introduces students to the “digital darkroom environment,” the computer lab. This course focuses on: the history of photography, photography careers, observing how the elements and principles of design are a part of photography, the workings of digital vs. film cameras, use of scanner and Adobe Photoshop, file management, photography vocabulary, image editing (workflow process), composition, aesthetics, and analyzing and responding to their own work and the work of others.

Digital Photography II 4062

Instructor: Mrs. Cesare

Grade 10-12

1 trimester, 1 credit

Prerequisite: Intro to 2 Dimensional Art and Digital Photo I

"Must maintain a B average in previous art classes OR have permission of Instructor."

Digital Photography II assignments are a continuation of the basic photography principals covered in Beginning Digital Photography. Students will work to sharpen their skills in the following areas: computerized photo enhancement, photo composition, aesthetic awareness and judgment, express ideas imaginatively (creative expression), awareness of photographic careers/study of famous photographers, understanding of how graphic media reflects, records, and shapes history and plays a role in every culture, and analyze and respond to their own work and the works of others.

Digital Photography III 4062

Instructor: Mrs. Cesare

Grade 10-12

1 trimester, 1 credit

Prerequisite: Introduction to 2D Art and Digital Photo I and II

"Must maintain a B average in previous art classes OR have permission of Instructor."

Digital Photography III assignments are a continuation of the basic photography principals covered in prior Digital Photography classes. Students will continue to work to master their skills in Adobe Photoshop and create visually pleasing and effective images. Students will research current photographers and their work. Students will create and maintain a digital portfolio of their strongest photographs as well as respond to, analyze and make critical assessments about their work.

Creating A Digital Portfolio (College Bound Students)

Instructor: Mrs. Cesare 4082

Grade 12

1 trimester, 1 credit

Prerequisite: Intro and Advanced Art and Digital Design Classes (only juniors and seniors)

"Must maintain a B average in previous art classes OR have permission of Instructor."

Students will work on creating a digital portfolio by photographing, scanning and importing strongest pieces of a wide variety of their artwork into a aesthetically pleasing powerpoint presentation. The goal is for students to have strong portfolio that communicates and persuasively sells their talents to prospective colleges for admission.

Music Department

Band Classes

(Frankfort Hotdog Band)

Beginning/Intermediate/Advanced Concert Band

4160 / 4168 / 4170

Grades 9-12

3 trimesters, 3 credits

Prerequisite: Middle School Band and/or Teacher Approval

This Ensemble will focus on over-all improvement of musicianship and performances through traditional and advanced band literature, as

well as solo and ensemble performances. Performance at Fall, Christmas, and Spring Concerts required. Students will also be required to perform at ISSMA Organizational Festival. Students will be expected to perform at home basketball with the Pep Band, as well as home football games. Performances include Solo & Ensemble, Advanced Repertoire for Fall, Christmas, and Spring Concerts, and Christmas Parade. An additional uniform fee for purchase or rental may be required in this course.

(Percussion)

Instrumental Ensemble 4162

Grades 9-12 students with percussion experience

2 trimester, 2 credits (1st and 2nd trimester)

Prerequisite: Must be on Percussion list

Percussion Ensemble will focus on marching band drumline first trimester and big broadcast/solo and ensemble performances second trimester. The group will consist of several small ensembles as well as a large ensemble with all members also learning solos on snare drum and a keyboard instrument. Students in this class may only enter this class by audition and acceptance. Required performances will include Fall Concert, home football and basketball games, Big Broadcast, Christmas Concert, Christmas Parade, and Solo & Ensemble Festival.

(Jazz Band)

Jazz Ensemble 4164

Grades 9-12 Students

1 trimesters, 1 credit (2nd trimester)

Prerequisite: None

Jazz band will focus on several different genres of music, including Jazz, Big Band, Stage Band, Pop music, etc. The band will act as the backup band for the show choir second trimester. All students will learn basic techniques in improvisation. Jazz band is open to anyone who wants to broaden his or her instrumental experience as a well-rounded musician. Students will be expected to perform at the Christmas (2nd trimester), Show Choir Competitions, and/or Spring (3rd trimester) Concerts.

(Mariachi Band)

Instrumental Ensemble 4162

Grades 9-12

1 trimester, 1 credit (3rd trimester)

Prerequisite: None

Students in this course study music through the fundamentals of playing an instrument and singing. Students evaluate, practice, and perform Mariachi, a traditional music of Mexico. Emphasis is placed on development of note reading skills, aural skills, rhythmic patterns, and intonation and tonalities inherent to the music. Students develop individual instrumental and vocal proficiency in order to contribute to the ensemble.

(Color Guard)

Dance Performance 4146

Grades 9-12

1 trimester, 1 credit (1st trimester)

Prerequisite: None

Color Guard class is designed to focus on visual aspects of music with the use of body, flags, rifles, and sabers. The curriculum will be based on learning basic flag techniques as well as rifle and saber technique. Color guard will also incorporate dance as a part of visual effect. All students in this class are expected to attend and perform during all home football games as well as various marching events such as parades. Students in this class may be required to audition in the spring, prior to the trimester of the class. Performances may include Purdue Band Day, Butler Band Day, various Parades, football pep band, and/or cheer block. The colorguard will also perform at Big Broadcast. An additional uniform fee for purchase or rental may be required in this course.

Orchestra Classes

(Frankfort String Orchestra)

Intermediate / Advanced Orchestra 4172 / 4174

Grades 9-12

3 trimesters, 3 credits

Prerequisite: Middle School Orch and/or Teacher Approval

The Frankfort String Orchestra is open to students in grades 9 - 12 with permission of the director. Emphasis will be placed on refining string technique, tone quality, and musicianship. Members are expected to display increasing musical proficiency and maturity. Performances include the Fall Concert, Winter Concert, Organizational Contest and Spring Concert, as well as several optional performing opportunities. Rehearsals and performances are required as partial fulfillment of the course syllabus.

Choral Classes

(Fortissimo)

Advanced Chorus 4188

Grades 9-12

3 trimesters, 3 credits

Prerequisite: AUDITION ONLY

This is an audition-only mixed-voiced show choir that performs each trimester and also travels and represents FHS in competitions throughout the year. Classroom time is focused on musicianship skills, music literacy, and vocal technique. Specific activities include, Solo & Ensemble, IMEA Festival and Clinic, and various Show Choir Competitions. Extra-curricular rehearsals and performances are required and are part of the academic grade. A small additional participation fee/fundraising requirement is required for this course. 3 trimesters required.

(Chorale)

Beginning/Intermediate Chorus 4182 / 4186

Grades 9-12

3 trimesters, 3 credits

Prerequisite: None

This is a mixed-voice concert choir that will perform each trimester and also travel to a destination such as Nashville, NYC, etc. every other year. Class time is spent working on basic vocal technique, musicianship skills, and music literacy. Specific activities include Solo & Ensemble and IMEA Festival and Clinic. Extra-curricular rehearsals and performances are required and are part of the academic grade. 3 trimesters are encouraged, but not required.

(Class Voice Lessons)

Applied Music 4200

Grades 9-12

1 trimester, 1 credit

Prerequisite: None

This course offers the opportunity to receive small group or individual instruction designed to develop performance skills and vocal technique. A variety of music methods and repertoire are utilized in listening, analyzing, interpreting, and performing. Students will perform individually throughout the course, including at solo and ensemble contest.

General Music Classes

Music Theory & Composition I 4208

Grades 9-12

1 trimester, 1 credit

Prerequisite: None

This is a course for the serious music student. This class will do a more in-depth study of music notation, scales, tonality, keys, modes,

intervals, and transposition. Class offering will be determined by minimum enrollment.

Music Theory, Advanced Placement 4210

Grades 9-12

2 trimesters, 2 credits

Prerequisites: Music Theory I OR Teacher Recommendation

This is an advanced course in music theory and analysis to prepare for the AP exam in the spring. This class will involve a more in-depth study of music notation, scales, tonality, key and modes, intervals, transposition, sight-singing and aural skills.

Beginning Piano I 4204

Grades 9-12

1 trimester, 1 credit

Prerequisite: Teacher Interview

This course is for students interested in studying piano skills at a beginning level. The class will be taught in a small group setting to allow for individual skill advancement. Basic music knowledge is recommended and will be added to throughout the term. Weekly playing tests and a final composition project using Garageband and Sibelius will make up a majority of the class.

Intermediate Piano II 4204

Grades 9-12

1 trimester, 1 credit

Prerequisite: Beginning Piano AND Teacher Recommendation

This course is for somewhat advanced piano students and will focus on advanced piano playing, such as sight-reading, playing chord charts, and playing by ear. Melodic dictation, composition, and accompanying will also be stressed throughout the class.

Applied Music: Beginning Guitar 4200

Grades 10-12

1 trimester, 1 credit

Prerequisite: Teacher Interview

This class is designed to provide instruction to develop and refine performance skills on the guitar. A variety of music methods and repertoire is utilized to refine students' abilities in performing, creating, and responding to music.

Music History and Appreciation: History of Rock 4206

Grades 9-12 students

1 Trimester Class, 1 credit per trimester, 1st, 2nd, or 3rd trim

Prerequisite: For non music students

History of Rock is going to take a look at the origin and progression of music that has resulted in today's music in America. Beginning with the Big Band Era, we will study the developments in culture and technology that fed the music industry. Then, through the 50s and 60s we will get to know the greats such as the Beatles and the Beach Boys. The 70s brought us Led Zeppelin and Pink Floyd. Then we will progress on through the 80s, 90s, and the music of today. This class will lead to an in-depth understanding of music today and what has influenced it.

Music History and Appreciation: World Music 4206

Grades 9-12 students

1 Trimester Class, 1 credit per trimester, 1st, 2nd, or 3rd trim

Prerequisite: For non music students

World Music is about music of many popular cultures around the world. A huge part of this class will be spent on Music of the Americas. We will study music from North to South America, then around the world to Africa, Europe, and Asia. We will study the Ethnic Music and Folk Music of each region, gaining a perspective of the vast differences, similarities, and influences that each culture has with the others.

Theatre Arts

potential employment or further education through audition, interview or presentation of a portfolio. Students also attend and critique theatrical productions and volunteer to support theatre in their community.

Theatre Arts A/Intro to Acting 4242

Grades 9-12

1 trimester, 1 credit

Prerequisite: Successful completion of CORE courses

Theatre Arts is based on the Indiana Academic Standards for Theatre. Students enrolled in Theatre Arts read and analyze scripts, create theatre pieces, learn about scenic design and construction, and develop acting skills. These activities incorporate elements of theatre history, production, culture, analysis, response, creative process, and integrated studies. Additionally, students explore career opportunities in the theatre, critique theatrical productions, and recognize the responsibilities and the importance of individual theatre patrons in their community. **EMPHASIS ON PERFORMANCE.**

Theatre Arts B/Theatre Appreciation 4242

Grades 9-12

1 trimester, 1 credit

Prerequisite: Successful completion of CORE courses

Theatre Arts is based on the Indiana Academic Standards for Theatre. Students enrolled in Theatre Arts read and analyze scripts, create theatre pieces, learn about scenic design and construction, and develop acting skills. These activities incorporate elements of theatre history, production, culture, analysis, response, creative process, and integrated studies. Additionally, students explore career opportunities in the theatre, critique theatrical productions, and recognize the responsibilities and the importance of individual theatre patrons in their community. **EMPHASIS ON THEATRE APPRECIATION.**

Advanced Acting 4250

Grades 10-12 students

1 trimester/1 credit

Prerequisites: Theatre Arts

Advanced Acting is based on the Indiana Academic Standards for Theatre. Students enrolled in Advanced Acting research, create, and perform characters through script analysis, observation, collaboration and rehearsal. These activities should incorporate elements of theatre history, culture, analysis, response, creative process and integrated studies. Additionally, students explore career opportunities in the theatre by attending plays, meeting actors and discussing their work, and becoming theatre patrons in their community.

Technical Theatre 4244

Grades 9-12 after CORE classes

1 trimester, 1 credit

Prerequisite: Successful completion of CORE classes

Technical Theatre is based on the Indiana Academic Standards for Theatre. Students enrolled in Technical Theatre actively engage in the process of designing, building, managing, and implementing the technical aspects of a production. These activities should incorporate elements of theatre history, culture, analysis, response, creative process, and integrated studies. Additionally, students explore career opportunities in the theatre, critique theatrical productions, and recognize the responsibilities and the importance of individual theatre patrons in their community.

Advanced Technical Theatre 4252

Grades 10-12

1 trimester, 1 credit, up to 3 trimesters

Teacher Approval Only

Advanced Technical Theatre is based on the Indiana Academic Standards for Theatre. Students enrolled in Advanced Technical Theatre actively lead and supervise in the process of designing, building, managing, programming, drafting, and implementing the technical aspects of a production. These activities should incorporate elements of theatre history, culture, analysis, response, creative process, and integrated studies. Additionally, students investigate technical theatre careers then develop a plan for

Foreign Language Department

Foreign language requirements for colleges and universities differ from one to another. Many colleges will require 2 years of a foreign language. However, students should be able to test out of some and possibly all of the college requirements by taking a minimum of three years with four years being preferable. To enroll in foreign language as a freshman, a student must have a "C" average in 8th grade English. A minimum of 3 years in one language or two years in 2 languages is required for Core 40 diploma with academic honors.

French I 2020

Grades 9-12

2 trimesters, 2 credits

Upon successful completion of French I students will be able to:

- respond to and give oral directions and commands and to make routine requests in the classroom and in public places;
- understand and use appropriate forms of address in courtesy expressions and be able to tell about daily routines and events;
- ask and answer simple questions and participate in brief guided conversations related to their needs and interests;
- read isolated words and phrases in a situational context, such as menus, signs, and schedules;
- comprehend brief written directions and information;
- read short narrative texts on simple topics; and
- write familiar words and phrases in appropriate contexts and respond in writing to various stimuli.

Students will also learn:

- about nonverbal communication, such as gestures and body language;
- about awareness of current events in the cultures;
- the major holidays and geographical features of the French-speaking countries;
- greeting and leave taking behaviors in a variety of social situations;
- the appropriate way to respond to introductions and use courtesy behaviors; and
- appropriate etiquette in a variety of social settings.

French II 2022

Grades 9-12

2 trimesters, 2 credits

Prerequisites: French I (with at least a C average) and/or teacher recommendation.

Upon successful completion of French II students will be able to:

- ask questions regarding routine activities;
- participate in conversations on a variety of topics;
- relate a simple narrative about a personal experience or event;
- interact in a variety of situations to meet personal needs, such as asking permission, asking for or responding to an offer of help, and expressing preferences pertaining to everyday life;
- understand main ideas and facts from simple texts over familiar topics;
- read aloud with appropriate intonation and pronunciation; and write briefly in response to given situations, for example postcards, personal notes, phone messages, and directions, as well as write letters using culturally appropriate format and style.

Additionally, students will become:

- familiar with major geographical features, historical events, and political structures of French-speaking countries;
- familiar with different aspects of the culture, including the visual arts, architecture, literature and music, using French where appropriate;
- able to extend and respond to hospitality as a host or a guest; and
- aware of time expectations, such as arriving for appointments and social engagements.

French III 2024

Grades 10-12

2 trimesters, 2 credits

Prerequisites: Completion of French I and II (with at least a C average) and/or teacher recommendation.

Students successfully completing French III will be able to:

- respond to factual and interpretive questions and interact in a variety of social situations, such as expressing regrets, condolences, and complaints, and using more than rote memory formula phrases;
- read for comprehension from a variety of authentic materials, such as advertisements in newspapers and magazines and cartoons and personal correspondence;
- read short literary selections of poetry, plays, and short stories;
- complete authentic forms and documents and take notes that require familiar vocabulary and structures;
- write paraphrases, summaries, and brief compositions;
- describe different aspects of the culture, using the French where appropriate, including: (1) major historical events, (2) political structures, (3) value systems, (4) visual arts, (5) architecture, (6) literature, and (7) music; and
- seek help in a crisis situation and participate appropriately at special family occasions, such as birthdays, weddings, funerals, and anniversaries.

Spanish I 2120

Grades 9-12

2 trimesters, 2 credits

- Spanish I students will have the same objectives as French I students, but in the Spanish language.

Spanish II 2122

Grades 9-12

2 trimesters, 2 credits

Prerequisites: Spanish I or Heritage Speakers (with at least a C average) and/or teacher recommendation.

- Spanish II students will have the same objectives as French II students, but in the Spanish language.

Spanish III 2124

Grades 10-12

2 trimesters, 2 credits

Prerequisites: Completion of Spanish I and II or Heritage Speakers and Spanish II (with at least a C average) and/or teacher recommendation.

- Spanish III students will have the same objectives as French III students, but in the Spanish language.

Spanish IV 2126

Grades 11, 12

2 trimesters, 2 credits

Prerequisites: Successful completion of Spanish I, II, and III or Heritage Speakers, Spanish II, and Spanish III (with at least a C average) and/or teacher recommendation.

Spanish IV will enable students to:

- respond to factual and interpretive questions, interact in complex social situations, and express opinions and make judgments;
- give presentations on cultural topics including: (1) traditions, (2) historical and contemporary events, and (3) major historical and artistic figures;
- paraphrase or restate what someone else has said;
- read for comprehension from a variety of longer authentic materials, such as newspapers and magazine articles, novels, and essays, as well as make judgments about what is read;
- write well-organized compositions on a given topic; and
- begin using the language creatively in writing simple poetry and prose.

Students will also be:

- aware of the relationship between various art forms in at

- least one major historical period;
- aware of the major literary, musical, and artistic periods and genres of at least one of the cultures in which Spanish is spoken;
- able to adjust speech appropriate to the situation and audience; and
- able to participate appropriately in a variety of specific circumstances which could include public meetings, attending concerts, and using public transportation.

Spanish V 2128

Grade 12

1 trimesters, 1 credits

Prerequisites: Spanish I, II, III, and IV or Heritage Speakers, Spanish II, Spanish III, and Spanish IV (with at least a C average) and teacher recommendation.

Spanish V will allow students to receive a third trimester of Spanish instruction, effectively providing them with an entire year of instruction their Senior year. The class will focus on conversation, reading, and film. Grammar review in anticipation of Seniors taking language placement tests for college entrance will occur by means of the literature and film we study. **If you want to have a full year of Spanish your Senior year, sign up for Spanish IV and Spanish V as well.**

Spanish for Heritage Speakers 2190

Grade 9-12

2 trimesters, 2 credits

This two trimester course is designed to allow Spanish speaking students to forego Spanish I and to allow them to explore more advanced material in Spanish. This is the best place to start for students who have grown up speaking Spanish. Students in Spanish for Heritage Speakers will

- understand and analyze heritage culture as a part of their own cultural identities
- read and listen to nonfiction and informational communications for comprehension, analysis and synthesis
- read and listen to literary communications for comprehension, analysis and synthesis
- use effective and appropriate strategies in preparation of written and oral communications
- apply effective writing strategies to written communications
- apply effective speaking strategies to oral communications
- appropriately apply elements of language, structure, and mechanics to complete a variety of language tasks
- identify word relationships, origins, and functions unique to the heritage language
- use technology to expand knowledge of the heritage language and culture as well as to enrich works produced in the heritage language.

Note: If a student has spoken Spanish as a primary language at home and desires to study Spanish, we recommend that she/he begin with all available sections of Spanish for Heritage Speakers and then take upper level Spanish classes based on teacher recommendation. Spanish I is not an appropriate class for someone who already speaks Spanish well.

Mathematics Department

Algebra I is a graduation requirement for all students. Students who take Algebra I in the eighth grade will receive high school credit and grades earned become a part of the official High School transcript.

Algebra I FY A, AB, B 2520

Grades 9-12

3 Trimesters, 2 credits

This course is a continuation of the eighth grade sequence in mathematics. All of the Algebra I standards are divided among three trimesters which offers students extra time to understand the Algebraic concepts. Topics covered include real numbers, equations, inequalities, graphing, functions, systems of equations, exponents, polynomials, radicals, quadratics and data analysis.

Algebra I X, Y 2520

Grades 9

2 trimesters, 2 credits

This course is a continuation of the eighth grade sequence in mathematics with emphasis placed on algebraic skills. This two trimester course goes at a quicker pace than the 3 trimester course. Topics covered include real numbers, equations, inequalities, graphing, functions, systems of equations, exponents, polynomials, radicals, quadratics and data analysis.

Geometry 2532

Grades 10-12

2 trimesters, 2 credits

Prerequisite: Algebra I

Students with 8th grade Algebra must have a "B" average

This course is a study of both two and three-dimensional geometry. Concepts include parallel and perpendicular lines and planes, congruence and similarity, triangles and trigonometry, transformations, polygons, circles, 3-dimensional solids and constructions.

Geometry, Honors 2532

Grade 9; Grade 10 with Teacher Recommendation ONLY

2 trimesters, 2 credits

Prerequisite: Algebra 1

Students with 8th grade Algebra must have a "B" average. Students with 9th grade Algebra must have a teacher recommendation.

Honors geometry is a largely proof-based course. Topics include reasoning, direct and indirect proof, parallel lines and planes, congruence, similarity, measurement, polygons, right triangle trigonometry, circles, coordinate geometry, surface area and volume. Honors geometry is more in-depth survey of both two and three-dimensional geometry and is more rigorous than a standard geometry course. Student enrolled in Honors Geometry should realize that there is a considerable amount of work required outside of class.

Algebra II 2522

Grades 10-12 - Required for CORE 40

2 trimesters, 2 credits

Prerequisite: Geometry

Algebra II will build upon skills learned in Algebra I and Geometry. Students will focus on systems of equations, quadratic equations, conic sections, logarithms, exponential functions, cubics, and transformations of graphs.

Algebra II, Honors 2522

Grades 10-11

2 trimesters, 2 credits

Prerequisite: Geometry

Students must have earned a minimum of a "B" in Geometry

This course prepares students for success in or Dual-Credit Pre-Calculus. Topics include a review of advanced algebra concepts, functions and graphing, exponential and logarithmic functions, non-linear equations and inequalities, conic sections, matrices and determinants, induction, and sequences and series.

Trigonometry 2566

Grades 11-12

1 trimester, 1 credit

Prerequisite: Algebra II

Trigonometry is a one trimester class that focuses on right triangle properties, functions, identities, and trigonometric equations. Topics that will be included are: Trigonometric ratios and functions, angles and right triangles, trigonometric identities, functions of two angles, half angles, inverse functions, solving oblique triangles, polar coordinates, and vectors.

Probability and Statistics 2546

Grades 11-12

1 trimester, 1 credit

Prerequisite: Grade of C+ in Algebra II A & B

Statistics and Probability is a one-trimester course that develops appreciation for, and skill in, applying statistical techniques in the decision-making process. Topics that should 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 should be included. Practical examples based on real experimental data are used throughout.

***Dual Credit MATH136/Pre-Calculus A 2564**

Grades 11-12

1 trimester, 1 credit (3 College Credits)

Prerequisite: Grade of B- Algebra II

This is a college level pre-calculus course. It includes functions, quadratic, polynomial, radical, and rational equations, radicals, complex numbers, systems of equations, matrices, rational fractions and exponential and logarithmic functions, and conic sections. The student can earn 3 credits through Ivy Tech Community College.

***Dual Credit MATH137/Pre-Calculus B 2568**

Grades 11-12

1 trimester, 1 credit (3 College Credits)

Prerequisite: Grade of B- Algebra II

This is a college level pre-calculus course. It includes right triangle trigonometry, oblique triangles, vectors, graphs of trigonometric functions, trigonometric identities and equations and complex numbers in rectangular and polar/trigonometric forms, and rectangular and polar coordinates. The student can earn 3 credits through Ivy Tech Community College.

AP Calculus (AB) 2562/*Dual Credit MATH211

Grade 12

2 trimesters, 2 credits (4 College Credits)

Prerequisite: Pre-calculus with a B+ average or better or recommendation of the teacher

Calculus AB introduces the concepts and applications of differential and integral calculus, including limits at a level comparable to that of a first semester university course. Course topics include limits and continuity, techniques of differentiation, applications of the derivative including related rates and optimization, techniques of integration, applications of integration including areas and volumes, linear motion, and separable differential equations. Use of graphing calculator technology to assist in problem solving is also strongly emphasized. This course will prepare students to take the AP Calculus AB examination.

AP Calculus (BC) 2572**Grade 12****1 trimester, 1 credit****Prerequisite: Advanced Placement Calculus (AB)**

Calculus BC extends the Calculus AB curriculum to include more topics generally taught in the second trimester of a university calculus sequence. These topics include improper integrals; the application of calculus to polar, parametric, and vectors equations; Taylor series; slope fields and Euler's methods of solving differential equations; and additional techniques of integration. This course, in conjunction with the Calculus AB sequence, will prepare students to take the AP Calculus BC examination. Students who take the BC examination will also receive an AB subscore indicating their competence on the topics which are in the AB curriculum but not in the BC.

AP Statistics 2570**Grade 11 or 12****2 trimesters, 2 credits****Prerequisite: Pre-calculus with a B+ average or better or recommendation of the teacher**

The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes:

1. Exploring Data: Describing patterns and departures from patterns
2. Sampling and Experimentation: Planning and conducting a study
3. Anticipating Patterns: Exploring random phenomena using probability and simulation
4. Statistical Inference: Estimating population parameters and testing hypotheses

Students who successfully complete the course and exam may receive credit, advanced placement or both for a one-semester introductory college statistics course.

Mathematics Lab/Algebra ISTEP Lab 2560**Grade 12****1 trimester/1 credit**

Basic Skills Development will be directed toward those students who have passed Algebra I (with 2 credits) and have not passed the Algebra I ISTEP. The focus of the class will be to prepare the student to re-take the Algebra I ISTEP and to complete the Algebra ISTEP waiver.

Business Math A & B 4512**Grades 11-12****Elective, or 2 math credits for the General Diploma Only****2 trimesters, 2 credits****Prerequisite: For "A"-successful completion of Algebra I, for "B"-successful completion of Business Math "A" – Math Credit**

Business Math is a business course designed to develop the ability to solve real world problems in order to become productive citizens and workers in a technological society. Areas of study to be included are number relationships and operations; and measurements. Problem-solving applications will be used to analyze and solve business problems for such areas as taxation; savings and investments; payroll records; cash management; financial statements; purchasing; sales; inventory records; and depreciation. Students receiving credit from a math course of geometry or higher are discouraged from taking this course. Personal financial aspects will include banking, credit, investments, budgeting, payroll, and insurance. Technology will be used in this course.

Physical Education/Health

All students must complete PE 9 I and II and Health (1 trimester). **PE classes are limited to one per trimester.** Please do not take more than one PE elective per trimester. Students may earn up to 8 PE credits toward a diploma.

Physical Education I (Boys and Girls) 3502

Grade 9 required
1 trimester, 1 credit

Physical Education I emphasizes a personal commitment to lifetime activity and fitness for enjoyment, challenge, self-expression, and social interaction. This course provides students with opportunities to achieve and maintain a health-enhancing level of physical fitness and increase their knowledge of fitness concepts. This program includes skill development and the application of rules and strategies of complex difficulty in at least three of the following movement forms: (1) health-related fitness activities (cardio respiratory endurance, muscular strength, muscular endurance, flexibility, and body composition), (2) aerobic exercise, (3) team sports, (4) individual and dual sports, (5) outdoor pursuits, (6) aquatics, (7) dance, and (8) recreational games. Ongoing assessment will include both written and performances-based evaluations. **A uniform is required.**

Physical Education II (Boys and Girls) 3544

Grade 9 required
1 trimester, 1 credit

Physical Education II continues the emphasis on health-related fitness and developing the skills and habits necessary for a lifetime of activity. It includes at least three different movement forms without repeating those skills covered in Physical Education I. Movement forms may include: (1) health-related fitness activities (cardiorespiratory endurance, muscular strength and endurance, flexibility, and body composition), (2) aerobic exercise, (3) team sports, (4) individual and dual sports, (5) gymnastics, (6) outdoor pursuits, (7) self-defense, (8) aquatics, (9) dance, and (10) recreational games. Ongoing assessment includes both written and performance-based evaluations. This course will also include a discussion of related careers. **A uniform is required.**

Health Education I (Coed) 3506

Grade 10
Required for graduation
1 trimester, 1 credit

Students are provided with opportunities to explore the effect of health behaviors on an individual's quality of life including the structure of all body systems. This course assists students in understanding that health is a lifetime commitment by analyzing individual risk factors and health decisions that promote health and prevent disease. Students are also encouraged to assume individual responsibility for becoming competent health consumers. A variety of instructional strategies are used to further develop health literacy.

Advanced Health and Wellness (Coed) 3500

Grades 10-12
Prerequisite: Must have a C- or better in Health I
1 trimester, 1 credit

Advanced Health Education is an elective course that offers secondary students an in-depth study of the ten areas as described in the Indiana Health Standards Guide. The scientific components of health are expanded and explored. This course focuses on health concerns and health risk appraisals, which might include: (1) individual wellness plans, (2) health promotion, (3) chronic and communicable diseases, (4) stress management, (5) personal fitness, (6) management of sports injuries, (7) death and dying, (8) first aid, and (9) substance abuse. Careers in health are addressed within the context of the course.

Elective Physical Education: Lifeguard Training 3560

Grades 10-12, (Coed)
1 trimester, 1 credit for certification
1 trimester, 1 credit for lifeguarding PE classes
Age 15 required by law

Prerequisites: PE I & II, Must complete Fitness Swim
(For those students wishing to receive Red Cross lifeguard certification, or any student interested in becoming a PE teaching assistant.) Course will include training in and possible certification as a lifeguard and CPR for the professional rescuer. Students will be required to serve as a lifeguard for PE classes at least 1 trimester after they receive their certification.

Elective Physical Education: Beginning Swimming 3560

Grades 9-12, (Coed)
1 trimester, 1 credit
This course is designed to help students learn how to swim. It will give students the confidence to swim in shallow and deep waters. This class will also help to teach the importance of being fit.

Elective Physical Education: Fitness Swim 3560

Grades 10-12, (Coed)
1 trimester, 1 credit
Prerequisites: PE I and II

This class will focus on activities that can be done for a student's entire life in order to maintain a healthy lifestyle through fitness training in the pool. Activities will focus on muscular and cardiovascular endurance training as well as having a focus on flexibility and some muscular strength. As a result, the student should maintain a healthy body composition.

Elective Physical Education: Advanced Physical Conditioning 3560

Grades 10-12 (Coed)
1 or 2 trimesters, 1 credit per trimester
Prerequisites: PE I & II, Teacher Recommendation

The immediate purpose of this class is to develop the various qualities that play a part in physical fitness. The program followed in this class is designed to develop strength, explosive power, flexibility, agility, coordination, quickness, speed, muscular endurance, and cardiovascular endurance. Development of the above is necessary to achieve maximum performance in physical activities and athletic events. By improving and developing these qualities we feel we make it possible for a person to begin to realize his potential as far as physical development and actual performance in athletic events. The program is designed to be a self-improvement program. Participant is shown how to develop the various qualities of physical fitness and how to measure his improvement. **A uniform is required which can be purchased at the bookstore.**

Elective Physical Education: Cross training 3560

Grades 11-12 (Co-ed)
1 trimester, 1 credit per trimester
Can be taken once a year

Prerequisites: Successful completion of APC and teacher approval
Cross training is an advanced level fitness class. The focus of this class is on constantly varied, high intensity movements. A combination of weightlifting, gymnastics (body weight), and monostructural (cardio) movements will establish fitness across broad time and modal domains.

Physical Education/Teaching Assistants 0520

Grades 11, 12, (Coed)
1 trimester, .5 credit
Prerequisites: PE I & II, Health, Teacher Recommendation, Lifeguard Training Preferred

Open to juniors or seniors who excel in physical education and demonstrate leadership qualities. Students submit applications to instructors. Selected students will assist with physical education classes.

Elective Physical Education: Cardio Fitness 3560

Grades 10-12 (Co-Ed)

1 or 2 Trimesters, 1 credit per trimester

Prerequisites: PE I & II

Cardio Fitness will focus on cardiovascular and muscular endurance activities that can be done throughout a student's entire life in order to maintain a healthy lifestyle. By focusing on these activities and flexibility, students will be able to work towards a healthy body composition and overall wellness. Training philosophies, individual fitness tracking with training logs, endurance sport-specific nutrition, and other aerobic fitness principles will be discussed. Activities will vary with the time of year but can include running, rowing, exercise biking, aqua jogging, and other endurance activities.

Elective Physical Education: Lifetime Sports 3560

Grades 10-12, (Coed)

1 trimester, 1 credit

Prerequisites: PE I & II

THIS COURSE CAN ONLY BE TAKEN ONCE.

Lifetime Sports will emphasize the importance of lifetime physical activity. This class will focus on sports and activities that students can enjoy after high school and throughout life to ensure a healthy lifestyle. Examples include: tennis, badminton, basketball, volleyball, swimming, skating, bowling, etc. An additional fee may be required for bowling and skating. **A uniform is required.**

Science Department

Biology I FY 3024

Grade 10, required

3 trimesters, 2 credits

Biology I provides a study of the structures and functions of living organisms and their interactions with their environment through regular laboratory and field investigations. At a minimum, this study explores the functions and processes of cells, tissues, organs, and systems within various species of living organisms and the evolution, roles, and interdependencies of organisms within populations, communities, ecosystems, and the biosphere. Students have opportunities to: (1) gain an understanding of the history of the development of biological knowledge, (2) explore the uses of biology in various careers, and (3) cope with biological questions and problems related to personal need and social issues.

Biology 1, Honors 3024

Grade 9

2 trimesters, 2 credits

Eligibility determined by: Passing Algebra 1 in middle school and successful completion of ICP-A with ICP teacher approval

Major biological concepts such as cell physiology, genetic continuity, evolution, ecology, and the unity of life are stressed. Much class time is devoted to laboratory work. I is designed to meet the requirement of one year of life science. This class will cover all aspects of regular Biology 1. Curriculum will be compacted to provide more time for in depth study of current topics or presentation of additional topics not usually found in the regular classroom. Students will complete at least one independent research paper and project during the year.

AP Biology 3020

Grades 11-12

Course offered on even years

2 trimesters, 2 credits

Prerequisite/s: Successful completion of Biology I and either Chemistry I or Physics I

Biology II, Advanced Placement, is comparable to a college or university general biology course. The major themes of the course include: The process of evolution drives the diversity and unity of life, Biological systems utilize free energy and molecular building blocks to grow, reproduce and to maintain dynamic homeostasis, Living systems store, retrieve, transmit, and respond to information essential to life processes, Biological systems interact, and these systems and their interactions possess complex properties The student will prepare for and take the Advanced Placement Biology Exam. Successful performance on this exam may earn college credit, depending on the policy of the college or university.

Chemistry I 3064

Grades 10-12

2 trimesters, 2 credits

Prerequisite: C average in Algebra I and Biology I

Chemistry I is a challenging science course that deals with the nature and properties of matter. Topics include physical and chemical changes of matter, atomic theories, Kinetic Theory of Matter, gas laws, the characteristics of acids, bases, salts, and molecular compounds, and the way energy moves through matter. Supportive laboratory work is designed to relate theories to common sense and authentic experiences. Students have opportunities to (1) gain an understanding of the history of chemical discoveries, (2) explore the ways that chemistry impacts various careers, (3) consider chemical questions and problems related to personal needs and social issues, and (4) learn to practice safe laboratory procedures.

Integrated Chemistry and Physics 3108

Grade 9

2 trimesters, 2 credits

Integrated Chemistry and Physics introduces the fundamental concepts of scientific inquiry, the structure of matter, chemical reactions, forces, motion, and the interactions between energy and matter. The course will serve students as a laboratory-based

introduction to possible future coursework in chemistry or physics, while ensuring a mastery of the basics of each discipline. The ultimate goal of the course is to produce scientifically literate citizens capable of using their knowledge of physical science to solve real world problems to make personal, social, and ethical decisions that have consequences beyond classroom walls.

AP Chemistry/Dual Credit CHEM105; 3060

Grades 11-12

Course offered on odd years

2 trimesters, 2 credits (5 College Credits)

Prerequisite: B average in Chemistry I and successful completion of Algebra II (or currently enrolled in Algebra II)

Advanced Placement Chemistry is designed to be the equivalent of the general chemistry course taken during the first year of college.

This class differs from Chemistry I in depth of understanding that students should obtain on the fundamentals of chemistry. The content includes: (1) structure of matter: atomic theory and structure, chemical bonding, molecular models, nuclear chemistry; (2) states of matter: gases, liquids and solids, solutions; and (3) reactions: reaction types, stoichiometry, equilibrium, kinetics and thermodynamics. Greater emphasis is placed on chemical calculations and the mathematical formulation of chemical principles. The large variety of laboratory work is a major part of the class. Students scoring 3 or higher on the AP Exam may use this class to obtain college credit in general chemistry. It can serve as a way to achieve college credit or get into college classes that require general chemistry as a prerequisite.

Chemistry II: Organic and Biochemistry 3066

Course offered on even years

Grades 11-12

1 trimester, 1 credit

Prerequisites: B average in Chem I and B average in Biology I, or teacher recommendation

This class addresses the topics of organic chemistry and biochemistry from the point of view of medicinal drugs. New drugs are frequently discovered in plants from all over the world. These active drugs are usually organic chemicals that exhibit biochemical effects on patients that are treated with them, or the infectious agents that are involved. We will use this starting point to investigate the nature of organic chemicals and the biological processes they affect.

Environmental Science, General Environmental Science 3010

Grades 11-12

1 trimester, 1 credit

Prerequisites: Successful completion of Biology and ICP or Chemistry

A Laboratory based science course designed to show connections between a variety of science disciplines including biology, chemistry and geology. It gives students a realistic picture of the applications of science and human interaction with the environment. The aim of the course is to increase student awareness of environmental challenges while increasing a student's critical thinking skills. Topics that will be covered during the trimester include: Land & Water Management, Population & the impacts on the environment, Energy Resources & Consumption, and Pollution.

AP Environmental Science, 3012

Grades 11-12

2 trimesters, 2 credits

Prerequisites: C average in Biology, Chemistry and Algebra 1

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them.

Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. Yet there are several major

unifying constructs, or themes, that cut across the many topics included in the study of environmental science. For a detailed view of topics covered in AP Environmental Science visit the College Board website where a detailed list is provided. Students scoring a 3 or higher on the AP Exam may use this class to obtain college credit in environmental science.

Earth and Space Science, Astronomy 3044

Grades 11-12

1 trimester, 1 credit

Prerequisite: Successful completion of Biology and ICP or Chemistry

The focus will move beyond our own atmosphere into space and beyond. Students will learn about our universe and the tools used to study it. They will learn how the Earth's path around the sun changes our seasons, affects the tides, and even influences our weather. Students will familiarize themselves with the planets within their own solar system, the life cycles of stars, and other universal curiosities. Stars, constellations, and galaxies will no longer be an untold mystery.

Anatomy & Physiology 5276

Grades 11-12

1 trimester, 1 credit

Prerequisite: Successful completion of Biology and ICP or Chemistry

1 trimester, 1 credit

This class is designed to give students an in-depth understanding of the structure and function of the many systems of the human body. Laboratory work is used to reinforce these concepts. Many dissections will be completed.

Biology II, Genetics 3026

Grades 11-12

1 trimester, 1 credit

Prerequisite: Successful completion of Biology and ICP or Chemistry

This class is designed to cover such topics as chromosome structure and function, Mendelian genetics, genetic defects, and advances in the field of genetic study.

Biology II, Zoology 3026

Grades 11-12

1 trimester, 1 credit

Prerequisite: Successful completion of Biology and ICP or Chemistry

Zoology provides extended laboratory, field, and literature investigations into the internal structures, functions, and processes of various species within the animal kingdom. Students will study the environmental interactions of these organisms. Participants will be expected to study and handle live specimens, complete a series of dissections and possibly an insect collection. A conservation biology research project will be at the culmination of the course.

Physics I 3084

Grades 11-12

2 trimesters, 2 credits

Prerequisites: Successful completion of Algebra II or a "B" Average in Geometry

Physics I introduces students to the fundamental concepts of physics. Broad themes such as the conservation of energy and the fundamental forces of nature are included, as are more specific concepts and laboratory experiments from mechanics, heat and thermodynamics, sound, light, electricity and magnetism, and atomic and nuclear physics. The course will trace the development of our understanding of the physical world, looking not only backwards to the major historical advancements to date, but also forward to the scientific and technological problems we hope to solve in the future. Substantial emphasis will be placed on applications of physics in understanding everyday phenomena, in forming public policy, and in a variety of careers.

Science Research, Independent Study 3008

Grades 11-12

1 trimester, 1 credit

Prerequisites: 2 years of Core 40/Academic Honors science course work, admission only with special permission

Science Projects and Techniques provides opportunities for the independent in-depth study of one or more specific scientific problems. Students develop a familiarity with the laboratory procedures used in a given educational, research, or industrial setting or a variety of such settings. Students enrolled in the course produce a product, such as a science fair project, a publishable scientific paper, or some other suitable presentation of their findings.

Science Internships, please see Work Based Learning Internships

Students may select to intern with a health professional or conduct research with a university professor in a lab.

Project Lead the Way-Principles of Biomedical Sciences 5218

Grades 9-12

2 trimesters, 2 credits

Prerequisite: Student must have a C in previous science course and completion of (or concurrently taking) Algebra I; Open to Freshman - Seniors

Students investigate various health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. They determine the factors that led to the death of a fictional person, and investigate lifestyle choices and medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, medicine, and research processes. This course provides an overview of all the courses in the Biomedical Sciences program and lay the scientific foundation for subsequent courses. This course is designed for 9th or 10th grade students. Successful completion of all 4 courses in the PLTW Biomedical science sequence will earn 4 Biotechnology credits. A stanine score of 6 or higher on the national end of course assessment can earn IUPUI credit.

Project Lead the Way-Human Body Systems 5216

Grades 10-12

2 trimesters, 2 credits

Prerequisites: Successful completion of Principles of Biomedical Sciences; juniors and seniors may enroll without taking Principles of Biomedical Sciences if they have earned a C or higher in other science courses with teacher approval; may be taken concurrently with Principles of Biomedical Sciences with teacher approval

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal manikin, work through interesting real world cases and often play the roles of biomedical professionals to solve medical mysteries. This course is designed for 10th, 11th or 12th grade students. Successful completion of all 4 courses in the PLTW Biomedical science sequence will earn 4 Ivy Tech Biotechnology credits. A stanine score of 6 or higher on the national end of course assessment can earn IUPUI credit.

Project Lead the Way-Medical Interventions 5217

Grades 11-12

2 Trimesters, 2 Credits

Prerequisite: Successful completion of Principles of Biomedical Sciences & Human Body Systems (may take concurrently with Human Body Systems as a sophomore – senior).

Students investigate a variety of interventions involved in the prevention, diagnosis and treatment of disease as they follow the life of a fictitious family. The course is a "How-To" manual for maintaining overall health and homeostasis in the body. Students explore how to prevent and fight infection; screen and evaluate the code in human DNA; prevent, diagnose and treat cancer; and prevail

when the organs of the body begin to fail. Through these scenarios, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. This course is designed for 11th or 12th grade students. Successful completion of all 4 courses in the PLTW Biomedical science sequence will earn 4 Ivy Tech Biotechnology credits. A stanine score of 6 or higher on the national end of course assessment can earn IUPUI credit.

Project Lead the Way-Biomedical Innovation – (BI) 5219

***Dual Credit BIOT107**

Grades 11-12

2 Trimesters, 2 Credits (Students could earn 3 College Credits)

Prerequisite: Completion of Medical Interventions (may take concurrently)

Students design innovative solutions for the health challenges of the 21st century. They work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health. They have the opportunity to work on an independent project with a mentor or advisor from a university, hospital, research institution, or the biomedical industry. Throughout the course, students are expected to present their work to an audience of STEM professionals. This course is designed for 12th grade students. Successful completion of all 4 courses in the PLTW Biomedical science sequence will earn 4 Ivy Tech Biotechnology credits.

Social Studies Department

All students must complete at least six (6) credits in social studies including two trimesters of World History, 2 in U. S. History, and one trimester of U. S. Government. Students on the Academic Honors or CORE 40 track must complete Economics. If students are on the Academic Honors Diploma track they are expected to complete Honors World History and Honors U. S. History.

World History & Civilization (A&B) 1548

Grades 10-12

2 trimesters, 2 credits

This two-trimester course emphasizes key events and developments in the past that influenced peoples and places in subsequent eras. In the first trimester, ancient world history, students will examine ancient civilizations that thrived between the time periods of 3000 BC to 1200AD. In the second trimester, modern world history, students will study the civilizations that thrived from 1200 AD to present day. In this class, students will not only discover where and why these civilizations formed, but also explore the history, culture, daily life and the impact these ancient civilizations have on the current cultures of the world.

World History & Civilization, Honors 1548

Grade 10

2 trimesters, 2 credits

Prerequisites: Teacher recommendation, at least a “B” average in English 9, and a minimum of a 2.7 GPA

Honors World History is a two-trimester class designed to challenge college bound students in 10th grade social studies. Honors World History will start with human beginnings and cover a wide range of topics up to current events throughout the world. Topics to be covered include ancient Greece and Rome, medieval Europe, early Americas, the Renaissance, the industrial revolution, and the 20th century to name a few. Students in Honors World History will be expected to think critically in completing essays, engaging in debate, as well as actively participating in classroom discussion. Willingness to read textbook material as well as literature is a requirement. Students will also be evaluated on numerous “creative projects” throughout the year.

U.S. History 1542

Grade 11

2 trimesters, 2 credits

This course is our regular offering for U.S. history. In the first trimester, students will examine our nation's development from Revolutionary War times through the Roaring '20s. The second trimester will cover the development of the United States from the Great Depression to the present. Lectures, role-playing, debates, questions and answers, maps, films, and computer programs will be used to examine our nation's emergence as a world power in the twentieth century. General discussions will be arranged to enable each student to make decisions on his/her own.

U.S. History, Honors 1542

Grade 11

2 trimesters, 2 credits

Prerequisite: World History teacher recommendation and a minimum of a 2.7 GPA

Honors U.S. History class is designed to meet the requirements for those juniors who are college bound. It is to be a more intensive, challenging approach to the study of our nation's past, present, future growth as a sovereign power in the world community. The first trimester will cover the history of the United States from the Revolutionary War through the Roaring '20s, while the second half of the course will focus on the history of our country from the Great Depression to the present. Role-playing, debates, discussions, individual as well as group projects, and heavy emphasis placed on research and writing opinion and historical essays will be part of the curriculum. This course is designed to develop a student's critical thinking skills.

U.S. Government 1540

Grade 12 required

1 trimester, 1 credit

This course is an examination of our Federal System of government along with its systems of checks and balances and division of powers. Students will examine the Constitution, the Executive, Legislative, and Judicial branches of government to determine the powers, duties and effect upon our lives. Special emphasis will be geared towards the Election Process, Electoral College, Lobbyists, and Interest Groups and their impact upon the individual. Use of simulations, role-plays, films, debates, papers, mock campaign, and discussions will allow the student to better understand his/her role in the governing process.

Psychology 1532

Grades 11-12

1 trimester, 1 credit

Prerequisite: Must be on college prep curriculum. Students must have a GPA no lower than 3.0 or have written teacher permission to enroll in this course

This elective course is open to academic-minded, college-bound juniors and seniors. This will be an in-depth study of one's own behavior with special emphasis on: child development (language, emotions, and intelligence), personality development (the four types - inherited or learned), memory (short term vs. long term), stress management (coping skills), abnormal behaviors (schizophrenia, bipolar disorder, paranoia, psychotics, mania, phobias, hyper-activity, mental retardation, autism, obsessive-compulsive disorders, causes and therapies). Also, famous psychologists like Pavlov, Watson, Skinner, Freud, Bandura, and Rogers will be studied. Extensive use of films, experiments (group and individual), readings, case studies, and discussion will help explain the complexities of human behavior. This course requires a large amount of in-class participation.

Sociology 1534

Grades 11-12

1 trimester, 1 credit

Prerequisite: Must be on college prep curriculum. Students must have a GPA no lower than 2.0 or have written teacher permission to enroll in this course

Sociology allows students to study human social behavior from a group perspective. The sociological perspective is a method of studying recurring patterns in people's attitudes and actions and how these patterns vary across time, cultures, and in social settings and groups. Students describe the development of sociology as a social science and identify methods of research. Through research methods such as scientific inquiry students examine society, group behavior, and social structures. The influence of culture on group behavior is addressed through institutions such as the family, religion, education, economics, community organizations, government, and political and social groups. The impact of social groups and institutions on group and individual behavior and the changing nature of society will be examined. Influences on group behavior and social problems are included in the course. Students also analyze the role of individuals in the community and social problems in today's world.

Economics 1514

Grade 12

1 trimester, 1 credit

The economics class is a college bound academic oriented class that focuses on the major elements of both microeconomics and macroeconomics concepts. Students will participate in a variety of academic activities that explore the evolution of economic systems, the operation of companies in a free market system, and examine the differences between theory and practice in economic systems. The course will utilize numerous simulations and projects that will reinforce knowledge, interpret data, and develop analytic skills.

Applied Economics 1504

Grade 12

1 trimester, 1 credit

This course is designed to meet the economics requirement for seniors with an emphasis on financial literacy. Students will participate in a variety of financial activities about saving and investing, credit, budgeting, etc. The second part of the course will focus on microeconomic and macroeconomic concepts, such as exploring the evolution of economic systems, the operation of companies in a free market system, and examine the differences between theory and practice in economic systems. The course will utilize numerous simulations and projects that will reinforce knowledge, interpret data, and develop analytical skills. This course meets all Indiana academic standards for economics.

***AP Government & Politics/Dual Credit POL101 1560**

Grade 12

2 trimester, 2 credits (3 College Credits)

Prerequisites: Must be on college prep curriculum. Students must have a GPA of 3.0 or have written permission to enroll in this course.

The AP Government & Politics is a two trimester course that provides an analytical perspective on government and politics in the United States. This AP course is a highly structured, very demanding college-level course. Students are required not only to thoroughly read the college-level text, also to augment this material through research and reading of supplemental articles and then critically apply the findings to the political nature of current governmental policies and analyze the ramifications of these policies. Students who successfully complete the course will receive three credits in Ivy Tech POL 101. Students are also encouraged to complete the AP Government and Politics Exam offered in May.

***AP United States History/Dual Credit HIST101 1562**

Grade 11

2 trimesters, 2 credits (3 College Credits)

Prerequisites: Must be on college prep curriculum. Students must have a GPA of 3.0 or have written permission to enroll in this course.

AP United States History is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in United States history. This course prepares students for intermediate and advanced college courses. The first trimester will begin with the Age of Discovery and end with the Civil War/Reconstruction. The second trimester will cover the period from the Civil War to the 2000s. At the beginning of May the students will take the Advanced Placement exam in United States History.

Ethnic Studies 1516

Grades 9-12

1 trimester, 1 credit

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

Indiana Studies 1518

Grades 9-12

1 trimester, 1 credit

Indiana Studies is an integrated course that compares and contrasts state and national developments in the areas of politics, economics, history, and culture. The course uses Indiana history as a basis for understanding current policies, practices, and state legislative procedures. It also includes the study of state and national constitutions from a historical perspective and as a current foundation of government. Examination of individual leaders and their roles in a

democratic society will be included and student will examine the participation of citizens in the political process. Selections from Indiana arts and literature may also be analyzed for insights into historical events and cultural expressions.

Hot Dog Radio & TV (HDN) Department

Intro to Hot Dog Network - Radio TV 1 5986

Grades 9 – 12

1 Trimester, 1 Credit

Prerequisite: None

Introduction to Communications is a course that specializes in identifying and using modern communication to exchange messages and information. This course explores the application of the tools, materials, and techniques used to design, produce, use, and assess systems of communication. Students will produce graphic and electronic media as they apply communication technologies. This course will also explore the various technical processes used to link ideas and people through the use of electronic and graphic media. Major goals of this course include an overview of communication technology; the way it has evolved, how messages are designed and produced, and how people may profit from creating information services and products. Students will explore mass media communication processes including radio and television broadcasting, publishing and printing activities, telecommunication networks, recording services, computer and data processing networks, and other related systems. Using the base knowledge student will use the design process to solve design projects in each communication area.

Hot Dog Network Intro to Video/Graphics Editing – Radio TV 1 5986

Grades 9 – 12

1 Trimester, 1 Credit

Prerequisite: None

Students will learn the basics of Photoshop and the Adobe Cloud suite. After completion of the course, students will have a basic knowledge of graphic creation and video editing. During the class, students will create projects that utilize the Adobe Cloud software and can be used in various HDN productions.

Hot Dog Network Productions – Radio TV 1 5986

Grades 10-12

1 trimester, 1 Credit (Max of 4 Credits)

Prerequisite: Introduction to HDN or HDN Intro to Video Editing

Teacher Recommendation Required

The Advanced Telecommunications class is responsible for providing content for the daily announcements, Hot Dog Chatter, and various social media platforms at FHS. Also, “after-school television productions,” including Hot Dog sporting events, theatre productions, music department productions, and the Senior Honors Evening. A commitment to working outside of school hours is expected of students in this class. And as in all HDN classes, an understanding and emphasis on the “group process” are required and are the keys to the success of this production class.

Hot Dog Network Announcements – Radio TV II 5992

Grades 9-12

1 trimester, 1 Credit (Max of 6 trimesters for credit)

Prerequisite: Introduction to HDN or HDN Intro to Video Editing Network

This Advanced Telecommunications class is responsible for “The Daily Announcements”, a five-minute, first-period production airing weekdays to the FHS student body. The first responsibility of the crew is to compose news, weather, sports, birthday, and lunch copy. Once the copy is completed, the producer calls for a rehearsal where the talent and technical skills learned in the Intro to Telecommunications class are put to practical use. An emphasis on the “group process” is applied in this class, in order for efficient use of class time and skills. Expectations are clearly defined for those students experiencing leadership as well as crew membership roles.

***Dual Credit Speech 101/Advanced Speech and Communication 1078**

Grades 11-12

1 trimester, 1 credit (3 College Credits)

Prerequisite: Completed Speech with “B” or above or Teacher Recommendation

This Advanced Public Speaking course, offered in conjunction with Ivy Tech of Lafayette, is for college-minded students interested in earning college credit. The course will introduce the student to the fundamental concepts and skills necessary for effective public speaking, including audience analysis, outlining, research, delivery, critical listening and evaluation, and use of presentation aids and appropriate technology. During the course of the trimester, the student will present five speeches, including two informative speeches, a speech of persuasion, a process/demonstration speech, and a small group presentation. By the conclusion of the trimester, the student will be trained and versed in effective public-speaking methods and will have acquired the confidence to speak in a variety of social situations. A dress code will be required of the speaker. If absent on the day of a speech, the speaker must have the speech ready the day he/she returns or else forfeit the grade.

Hot Dog Network Peer Tutor 0520

Grades 11-12

1 trimester, 1 credit

Prerequisite: HDN Announcements and/or HDN Productions Teacher Recommendation Required

Being assigned as a Intro to HDN and/or HDN Intro to Video/Graphics peer tutor provides an opportunity to the student to serve alongside the instructor in a leadership role, thus providing for greater learning efficiency in the classroom. The student is expected to assist the instructor in directing and supervising the basics students during hands-on experiences with the various audio and video pieces of equipment. The student must understand that as a peer tutor, maximum learning efficiency is obtained through maintaining a professional demeanor with and distance from the intro students.

Pathways

The Indiana College and Career Pathways provide an aligned sequence of courses that can lead to industry-recognized credentials, technical certification, or an associates or baccalaureate degree at an accredited college or university for careers that are high wage and/or high demand in the state of Indiana.

Pathway: Advanced Manufacturing	Credits	Pathway: Business Admin: Marketing	Credits
Preparing for College and Careers	1	Preparing for College and Careers	1
Intro to Engineering Design (PLTW or NonPLTW)	2	Introduction to Business	1
Advanced Manufacturing I	4	Principles of Marketing	2
Total	7	Strategic Marketing	2
**Optional: Intro to Engineering Design (PLTW or Non PLTW)	2	Total	6
** Optional: Principals of Engineering (PLTW)	2	**Optional: Business Law and Ethics	2
**Optional: Advanced Manufacturing II	4	**Optional: Fashion Merchandising	2
Pathway: Auto Services Technology	Credits	Pathway: Business Admin: Merchandising	Credits
Preparing for College and Careers	1	Preparing for College and Careers	1
Auto Tech IA	1	Introduction to Business	1
Auto Tech IB	1	Principles of Marketing	2
Auto Tech IC	1	Fashion Merchandising	2
Auto Tech IIA	1	Total	6
Auto Tech IIB	1	**Optional: Strategic Marketing	2
Auto Tech IIC	1	**Optional: Business Law and Ethics	2
Total	7		
		Pathway: Business Admin: Sports Mrkting	Credits
Pathway: Business Admin: Accounting/Mngmt	Credits	Preparing for College and Careers	1
Preparing for College and Careers	1	Introduction to Business	1
Introduction to Business	1	Principles of Marketing	2
Accounting I	2	Sports and Entertainment Marketing	2
Principles of Business Management	2	Total	6
Total	6	**Optional: Strategic Marketing	2
**Optional: Business Law and Ethics	2	**Optional: Business Law and Ethics	2
**Optional: Advanced Accounting	2		
		Pathway: Construction Trades	Credits
Pathway: Business Admin: Entrepreneurship	Credits	Preparing for College and Careers	1
Preparing for College and Careers	1	Intro to Construction	2
Introduction to Business	1	Construction Technology I	6
Principles of Marketing	2	Total	9
Principles of Business Management	2		
Total	6	Pathway: Cosmetology	Credits
**Optional: Business Law and Ethics	2	Preparing for College and Careers	1
		Cosmetology I and II	9
		Total	10
		**Optional: Introduction to Business	1

Pathways

Pathway: Criminal Justice	Credits	Pathway: Health Sciences: Nursing	Credits
Preparing for College and Careers	1	Preparing for College and Careers	1
Criminal Justice	12	Interpersonal Relationships	1
Total	13	Health Science Education II	6
**Optional: Interpersonal Relationships	1	Total	8
		**Optional: Nutrition and Wellness	1
Pathway: Education Professions	Credits	**Optional: Child Development	1
Preparing for College and Careers	1		
Child Development	1	Pathway: Tractor Trailer Operations	Credits
Advanced Child Development	1	Preparing for College and Careers	1
Interpersonal Relationships	1	Tractor Trailer Operations	6
Education Professions I	2	Total	7
Total	6		
**Optional: Education Professions II	2	Pathway: Welding Technology	Credits
		Preparing for College and Careers	1
Pathway: Engineering/Engineering Tech	Credits	Introduction to Manufacturing	1
Preparing for College and Careers	1	Intro to Engineering Design	2
Intro to Engineering Design (PLTW or NonPLTW)	2	Welding Technology	3
Principals of Engineering (PLTW)	2	Total	7
Civil Engineering and Architecture	2		
Engineering Design and Development	2		
Total	9		
Pathway: Health Science: Biomedical	Credits		
Preparing for College and Careers	1		
Principals of Biomedical Sciences	2		
Human body Systems	2		
Medical Interventions	2		
Biomedical Innovations	2		
Total	9		
Pathway: Health Sciences: EMS	Credits		
Preparing for College and Careers	1		
Emergency Medical Services	6		
Total	7		

