TABLE OF CONTENTS

Course Descriptions

Connersville High School

Mission Statement
Principal's Message

Connersville High School's Mission

The CHS mission is to provide a safe environment where all students acquire skills and knowledge to become productive members of society.

Students and Parents,

We hope you find this Connersville High School Career Planner helpful. Taking the right coursework is critical so that you are challenged to learn and be prepared for the future. This Career Planner is a great resource that provides you with options in planning an education that will help you meet your goals.

Students should develop a four-year plan of courses according to their individual interests, abilities, and goals. Each year, the plan should be reviewed and modified using input from parents, teachers, and counselors. In particular, share the requirements for graduation with your parents or guardians, because they will offer you invaluable advice in choosing career pathways, selecting courses, and planning future goals.

Connersville High School offers a selection of rigorous coursework to prepare you for post-secondary education, a career in the military, and/or a satisfying job after graduation. We offer over 90 dual credits and currently offer three Early College High School pathways (Business, Liberal Arts, Science and Math) that will allow students the opportunity to earn up to one year of college credits. We challenge you to set high standards for yourself and select courses and activities that will help you achieve to your fullest potential. The decisions and choices you make as a student at CHS will have a profound and long-lasting effect on your future.

Randal Judd,
Principal

GRADUATION REQUIREMENTS

Please refer to the graduation worksheet that is listed in this Career Planner.

POLICY REGARDING TRANSFER STUDENTS FROM SCHOOLS NOT ACCREDITED BY THE STATE OF INDIANA

1. This policy applies to students from a school that is not accredited by the State of Indiana, including a private, parochial, or home school.
2. When a student from a school that is not accredited by the state of Indiana wishes to enroll at Connersville High School, he or she must present a transcript and a description of courses from the previous school. The student may also be asked to present work samples for review. It is the responsibility of the student to provide the above materials to the school.
3. At the discretion of Connersville High School, the student will be placed temporarily in classes until all information and records are reviewed.
4. The Connersville High School department heads and counseling coordinator will review the above information and make a decision regarding transfer of credit. The student may be required to pass an exam. Other factors to be taken into the decision-making process regarding transfer of credit include the student's grade for each non-accredited course, a thorough course description, and the alignment of the course to be transferred with the Connersville High School curriculum.
5. Any credit accepted from a non-accredited school will be recorded as a "P" (pass) on the student's Connersville High School transcript.
6. Grade point average will be computed for grades earned at Connersville High School. It will not include grades earned at the non-accredited school.
7. The above policy is in compliance with the Fayette County School Corporation Policy 5.11: STUDENTS TRANSFERRING FROM PRIVATE SCHOOLS.

CURRICULUM

By providing more than 135 courses as outlined in this booklet, the school recognizes that students need diverse and flexible instruction in both basic skills needed for every day life and in more specialized subjects designed to prepare them for further professional or vocational training or occupations. The courses are designed to meet the needs of students with a wide range of abilities, interests, and goals.

CHANGE OF SCHEDULE/WITHDRAWING FROM A CLASS

Typically, no class changes will be made after the first week of each semester. Changes will be made in extenuating circumstances with approval of counselor, parents, teachers, department heads, and principal.

WITHDRAWING FROM CLASS

Withdrawing from a class after the semester begins may result in a W-F.

DEFINITIONS/CLARIFICATIONS

ACP: (Advanced College Project) is a cooperative program between Indiana University and CHS. It gives high school seniors a chance to take college classes in their own high school. Classes may be taken for both high school and college credit. Classes are one semester. The cost of tuition will be the current rate.

AP: (Advanced Placement Courses) Several Advanced Placement classes are offered. These classes are an opportunity for students to pursue college-level studies. College credit may be earned depending upon the student's success in the examinations, which are given in the spring.

COMMENCEMENT: Only students who have completed all requirements for a high school diploma are eligible to participate in graduation exercises.

CREDIT: Credit is earned by the satisfactory completion of a semester's work, which usually is one credit. Two credits equal one year's work.

DUAL CREDIT: The Fayette County School Corporation and Ivy Tech Community College, Ball State, Vincennes University, Purdue University and Indiana University have developed dual-credit arrangements for some CHS and WTCC courses. The courses earning dual credit are marked in this career planner. A student successfully completing a dual credit class will earn college credit from the partnering college. There is no cost to the student for dual credit, unless otherwise noted.

ECHS: (Early College High School) is a program designed for students to earn up to 1 year of college credits in a specific pathway to transfer as a block of credits.

ELECTIVE: This is a course students are not required to take but are free to choose as their abilities, interests, and goals determine.

ES: (Enriched sequence courses) All classes that are ES are accelerated courses. All ES classes require a great deal of effort and work, and students should keep this in mind when selecting any of these classes.

FULL-TIME STUDENT: A student must be enrolled for a minimum of 7 class periods in order to be considered a full-time student.

GRADE REPORT: At the end of each grading period, students receive a grade report. This report serves to inform parents of the progress the student is making in his/her classes. Students are responsible for delivering grade reports to their parents.

GRADING PERIOD: A grading period is nine weeks, two per semester.

PREREQUISITE: A prerequisite is a course that must be completed before certain other courses can be taken. Prerequisites are set up to insure that a student will get the maximum benefits from a course or series of courses.

RANK IN CLASS: Rank in class at CHS is determined by dividing the total number of grade points earned by the total number of credits attempted. AP and dual credit classes receive more weight when calculating class rank. (Valedictorian and salutatorian are based on 8 semesters of work.)

REQUIRED COURSE: This is a course that all students must take in order to graduate as determined by the State Board of Education and local school board.

SEMESTER: A school year is divided into two 18-week semesters at CHS.

HONOR GRADUATE

Connersville High School recognizes and honors those students who qualify as honor graduates. A student must be on the honor roll for 7 consecutive semester honor rolls and have a G.P.A. of 3.6 or higher at the end of 7 semesters.

ACADEMIC AWARDS (HONOR ROLL) FOR STUDENTS

Objectives of Academic Awards and Program:

1. To place academic achievement in a position of prestige.
2. To recognize student academic achievement.
3. To provide students with incentives for academic achievement.
4. To demonstrate to students the intrinsic value of knowledge and the pursuit of it.
5. To encourage students by making academic achievement a prized accomplishment.

Qualifications:

Any student is eligible for an award who:

1. Is enrolled as a student in Connersville High School.
2. Is maintaining the specified grade point average (GPA) of 3.0 in 6 classes at the end of the semester.
3. Is taking a minimum of 6 credited classes.
4. In order to receive academic recognition from Connersville High School, the Fayette County School Corporation, or the Board of School Trustees, a student must have attended a school accredited by the state of Indiana his or her sophomore, junior, and senior years. Academic recognition also includes valedictorian and salutatorian. For example, a student who enters and attends Connersville High School as a junior or senior after attending a non-accredited school as a freshman and sophomore, would not be eligible to earn the distinction of valedictorian or salutatorian or any other academic honor associated with class rank or grade point average.
5. An incomplete will make the student ineligible for the semester honor roll unless it is a result of a serious medical problem.

Presentation:

A certificate upon completion of the first semester will recognize honor students. The spring semester will be recognized in the fall of the next school year.

NATIONAL HONOR SOCIETY
CHS Selection Procedures
Membership in National Honor Society is an honor bestowed upon a student.

1. During the fall semester, Juniors and Seniors with a cumulative minimum GPA of 3.6 and with at least 12 completed ES, dual credit or "honors" credits on their transcript will qualify to begin the selection process. Students must have been enrolled at CHS for one semester prior to consideration.
2. The discipline and permanent records will be searched. Athletic or academic suspensions, arrests or known police reports, or other significant disciplinary infractions will remove the candidate from consideration. This is due to the character component of NHS, which also includes behavior outside of school.
3. The entire faculty, including administrators, are asked to provide comments on students on the factors of service, leadership and character. These comments are compiled for the faculty council to use in addition to the student provided information form.
4. At this point, qualifying candidates will be asked to complete an application and return it by a strict deadline.
5. The faculty council considers the application, faculty comments and transcripts of the candidates.
6. The faculty council members take all of the above into consideration and votes on each student. Majority rules.

If you have any questions about NHS eligibility please contact Mrs. Baumer, NHS sponsor.

STUDENT COUNCIL AND STUDENT GOVERNMENT

Student Council is a self-nominated group of freshman, sophomore, junior and senior representatives. Student Council plans several extracurricular activities. Student Government is an elected body from each SRT that has the opportunity to deal with student issues that may arise during the school year.

CLASS COUNCILS

Each class has a self-selected group of student representatives. The purpose is to raise money for senior-year activities, such as senior prom.

CONNERSVILLE HIGH SCHOOL ECA WAIVER PROCESS

The following requirements are necessary for an ECA waiver:

Option I: Complete all Core 40 and Academic Honors/Technical Honors Courses with a C or better.

or Option II:

1. Retake the ECA in the subject area(s) not passed at least (1) time every year.
2. Participate in remediation opportunities as provided by the school.
3. Maintain 95% attendance rate with excused absences not counting.
4. Maintain a C average in 24 core credits required by the state of Indiana for graduation.

8 credits in English	4 credits in Math
4 credits in Social Studies	1 credit in Health
4 credits in Science	1 credit in Physical Education

2 additional credits in English, Math, Science, Social Studies or Technology.

5. Show improvement from one ECA test to another.
6. Receive a written recommendation that will be given to the principal from the department chair of the deficient subject area(s).

If a student does not complete all of Option I or Option II, the student will not be able to participate in the waiver process. If a student does not pass the ECA and does not complete one of the two waiver options, he/she will not earn a high school diploma. However, the student may receive a Certificate of Course Completion if all course requirements are met. A student receiving a Certificate of Course Completion will not be allowed to participate in Commencement ceremonies.

COUNSELING MEETINGS WITH PARENTS

AUGUST AND SEPTEMBER - SENIOR CONFERENCE
Each senior is scheduled with a counselor to check graduation requirements and to share ideas about future plans. Parents are encouraged to attend.

SEPTEMBER - SENIOR CONNECTION
This meeting will focus on college planning and financial aid topics.

OCTOBER - WHITEWATER VALLEY COLLEGE NIGHT
Representatives of higher education opportunities will be available to share information. This program is for all grade levels. Connersville and Rushville alternate hosting this event.

OCTOBER-DECEMBER – SOPHOMORE AND JUNIOR CONFERENCE
An individual conference is held with each sophomore & junior. This conference will review current status and plans for the next one or two years. Parents are encouraged to attend.

JANUARY - FINANCIAL AID CONNECTION
This meeting will provide senior parents with a line-by-line explanation of the Free Application for Federal Student Aid. The FAFSA is the key document in the financial aid process.

FEBRUARY - SCHEDULING CONFERENCES AND LOCAL SCHOLARSHIPS
Individual conferences are available to help students make good scheduling decisions.

COLLEGE ADMISSION TESTING

Connersville High School is a national test center for the following testing companies:

American College Testing and The College Board

The American College Testing provides examinations called ACT. The ACT is offered in September, October, December, February, April, and June at CHS. Applications to take the ACT must be completed online before a deadline date. Online registration is available by going to www.actstudent.org. The CHS Test Center number is 177270. The CHS School Code number is 150-630. The ACT has testing sections of English, Math, Reading, and Science Reasoning. A composite score is also provided.

The College Board provides examinations called the PSAT and SAT. The PSAT is a practice test for the SAT that is given to college-bound sophomores and juniors each fall. The junior-year PSAT results are used to determine winners of scholarships from the National Merit Scholarship Corporation. The SAT is a test used by colleges for admission and placement decisions. The SAT is offered in October, November, December, January, March, May, and June at CHS. Applications to take the SAT must be completed online before a deadline date. Online registration is available by going to www.satcollegeboard.com. The CHS Test Center number is 15-190. The CHS School Code number is 150-630. Both the PSAT and SAT have testing sections of critical reading, math, and writing.

WEB SITES

CHS has several web site links that are helpful in college, career and financial aid planning. Go to http://fayettein.chs.schooldesk.net and click on Programs, then Guidance Dept.

IVY TECH COMMUNITY COLLEGE
"TAKE A COURSE ON US" SCHOLARSHIP

The "Take a Course on us" scholarship makes many courses available to eligible high school seniors. This will give you a change to find out if Ivy Tech is the right place for you or to take a college course that may be transferable to another college or university. Seniors can take a college course tuition-free* at Ivy Tech in Richmond or Connersville. Please note that the "Take a Course On Us" scholarship is only available to high school seniors who have successfully completed Ivy Tech's Accuplacer assessment test or have scored appropriately on the PSAT, SAT, or ACT. Eligible students may register for a total of one tuition free course during the senior year of high school.

*You will need to purchase your own textbook and supplies.

To be eligible for the "Take a Course on Us" scholarship you must:

1. Fill out this application, have your guidance counselor sign it, and return it to Stephanie Alexander (parent's signature also required if student is under 18)
2. Successfully complete the Accuplacer assessment test or submit PSAT, SAT, or ACT scores
3. Complete an Application for Admission at http://www.Ivytech.edu/richmond
4. Contact Stephanie to visit the campus and officially register for your class

ACCUPLACER ASSESSMENT TESTING – **Richmond Campus:** 765-966-2656 or 1-800-659-4562, ext. 1202
Connersville Instructional Center: 765-825-9394 or 1-800-659-4562, ext. 6102

If you have questions, please call Stephanie Alexander at **765-966-2656** or **1-800-659-4562**, ext. **1216** or email **salexand@ivytech.edu**

Please fax or mail this application to Stephanie Alexander at Ivy Tech

---

TAKE A COURSE ON US – Mail or fax to: Ivy Tech Community College – 2357 Chester Boulevard – Richmond, IN 47374 – Fax # 765-962-8741

_____ _____

FIRST NAME M.I. LAST NAME EMAIL ADDRESS

_____ _____

STREET ADDRESS CITY STATE ZIP

_____

SOCIAL SECURITY NUMBER (OPTIONAL) PHONE NUMBER DATE OF BIRTH YEAR OF GRADUATION

By signing this form, I acknowledge that I am waiving the requirement for requesting specific information disclosure for the duration of the Take A Course on Us eligibility and that I do hereby give Ivy Tech Community College permission to release admissions, registration, schedule, attendance and grade information to my parents/guardians, high school guidance counselor and principal.

_____ _____

STUDENT SIGNATURE DATE PARENT SIGNATURE DATE

High School Verification

I verify that this student is enrolled at _____High School and the student is authorized by the school to take a course at Ivy Tech Community College during the student's senior year.

_____

COUNSELOR SIGNATURE DATE EDUCATIONAL GOAL (INTENDED COLLEGE, AREA OF INTEREST)

IVY TECH COMMUNITY COLLEGE
"TAKE A COURSE ON US" SCHOLARSHIP FACT SHEET

PURPOSE OF TAKE A COURSE ON US

To allow high school seniors the opportunity to take one course at Ivy Tech during their senior year. Students must purchase books and supplies, tuition is free. The four semesters of eligibility are the fall and spring semester of the senior year, and the summer semesters on either side of the senior year.

BENEFITS OF TAKE A COURSE ON US

- Opportunity to preview what college is really like
- A chance to explore potential career choices
- Increase familiarity with Ivy Tech and our programs
- Obtain college credits that could be transferable to another college or university
- Opportunity to begin pursuing an Ivy Tech degree or certificate while still in high school
- Opportunity to get a head start on college

ELIGIBILITY REQUIREMENTS – ONE OF THE FOLLOWING

- Ivy Tech's Accuplacer Assessment Test OR
- SAT minimum score of 460-reading section, 460-writing section, and 460-math section OR
- ACT minimum score of 17-English section, 18-Mathematics section, and 18-Reading section* OR
- PSAT minimum score of 46-Reading, 46-Writing, 46-Math

*ACT minimum scores effective fall 2011

TYPES OF CLASSES AVAILABLE

- General education classes (for example but not limited to) English Composition, Public Speaking, Biology, or Psychology
- Technology courses in any program area (for example but not limited to) Financial Accounting, Business Law, Microcomputers and Woodworking Fundamentals

OTHER CRITERIA

- Student must complete admissions application
- Student must attend an individual advising and registration session to enroll in class
- Student must purchase own text book

IMPORTANT DATES

- Early advising and registration for the Summer 2015 semester begins **March 16, 2015**
- Early advising and registration for the Fall 2015 semester begins **March 16, 2015**
- Early advising and registration for the Spring 2016 semester begins **September 14, 2015**

QUESTIONS? CONCERNS?

Please contact Stephanie Hill Alexander any time at **966-2656** or **1-800-659-4562**, ext. **1216** or via email at **salexand@ivytech.edu**

CORE 40 WORKSHEET

GRADUATING CLASS 2016 and Beyond

Students in Indiana high schools are encouraged to work toward completing the Core 40 requirements in order to be the best possible applicant to Indiana colleges or to enter the workforce. Those who meet Core 40 requirements and qualify for financial aid may receive a higher award. **Please note: Connersville High School has a 40 credit graduation requirement.**

English/Language Arts (8 credits)
English 9 1-2 _____ _____
English 10 1-2 _____ _____
English 11 1-2 _____ _____
English 12 1-2 _____ _____

Social Studies (6 credits)
World History or Geography/Hist. of the World 1_____
World History or Geography/Hist. of the World 2_____
U.S. History 1 or
U.S. History Adv. Place. S1 _____
U.S. History 2 or
U.S. History Adv. Place. S2 _____
Government _____
Economics _____

Mathematics (6 credits in grades 9-12)
Algebra 1 A-B _____ _____
Geometry 1-2 _____ _____
Algebra 2 A-B _____ _____
Students must take a math or quantitative reasoning course each year in high school

Science (6 credits)
Biology 1-2 _____ _____
Chem. 1-2 or
Physics 1-2/Int. Chem/Physics 1-2 _____ _____
Two additional Core 40 science credits _____ _____

Physical Education (2 credits)
PE (2 semesters) _____ _____

Health (1 credit)
Health Education or _____
Family & Consumer Science _____ _____ _____

Directed Electives (5) from World Languages, Fine Arts, CHS Career/Technical
List: _____ _____ _____ _____ _____

Electives (6) Career/Pathway Academic Sequence
List: _____ _____ _____ _____ _____ _____

Core 40 with Technical Honors-47 credits
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. Pathway designated industry-based certification or credential, or
2. Pathway dual credits from the lists of priority courses Resulting in 6 transcripted 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 <u>one</u> 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.

Core 40 with Academic Honors-47 credits
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 <u>one</u> of the following:
A. Earn 4 credits in 2 or more AP courses and take corresponding AP exams
B. Earn 6 verifiable transcripted college credits in dual credit courses from priority course list
C. Earn two of the following:
   1. A minimum of 3 verifiable transcripted college credits from the priority course list,
   2. 2 credits in AP courses and corresponding AP 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

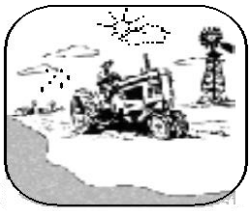
EXPLORING CAREER PATHWAYS

What Are Career Pathways?

Career Pathways are groups of related occupations that require different levels of training and education. People working in a career pathway share similar talents, abilities, interests, aptitudes, and experiences. Career pathways can help a person identify a career goal without being locked into a specific occupation.

Why Are Career Pathways Important?

Career pathways provide career awareness and allow students to set realistic career goals. By exploring career pathways, students expand their career choices. Students also become aware of the variety of careers available in their own community. By utilizing career pathways while still in high school, students can develop an educational plan to enroll in classes that will enhance their chances of reaching their chosen occupation.





What If My Career Goal Changes?

The average worker may change occupations four to seven times during his/her work life. In fact, your future occupation may not even now exist! Career pathways allow you to learn more about the many careers in which you are interested. You are never locked into a specific occupation. If you decide one is not for you, you may find other related occupations in the same pathway, or you may decide to explore a completely different pathway. At any rate, you will have learned things you can take with you as you continue on your individual career journey.

Where Can I Find More Information?

- Talk with your counselor.
- Investigate career-related links found on the CHS Guidance Department website: Fayettein.chs.schooldesk.net/Programs/guidance department
- Check out CHS opportunities such as job shadowing, college field trips, internships, co-ops, and Career Day.
- Take the "Get to Know Yourself" Interest Survey on the next page.

"Get to Know Yourself" Career Interest Survey

1. In each section, check all items that apply to you. 2. Count the number of items checked in each section and write the total at the bottom of the section. 3. Turn to the next page to find the CHS Career Pathway(s) you fit into.

Activities That Sound Interesting To Me
- ❑ Preparing medicines in a pharmacy
- ❑ Helping sick people
- ❑ Working with animals
- ❑ Helping with sports injuries
- ❑ Studying anatomy and disease
- ❑ Performing surgery

Personal Qualities That Describe Me
- ❑ Compassionate and caring
- ❑ Good listener
- ❑ Calm
- ❑ Conscientious and careful
- ❑ Patient

In My Free Time I Would Enjoy
- ❑ Volunteering in a hospital
- ❑ Taking care of pets
- ❑ Exercising and taking care of myself

School Subjects I Do Well In
- ❑ Math
- ❑ Health
- ❑ Biology
- ❑ Chemistry

Total boxes checked_____ 1.

Activities That Sound Interesting To Me
- ❑ Predicting weather
- ❑ Predicting or measuring earthquakes
- ❑ Growing crops or gardening
- ❑ Studying rocks and minerals
- ❑ Raising animals
- ❑ Working in a chemistry lab

Personal Qualities That Describe Me
- ❑ Like hands-on activities
- ❑ Nature lover
- ❑ Physically active
- ❑ Problem solver
- ❑ Observant

In My Free Time I Would Enjoy
- ❑ Hiking
- ❑ Participating in FFA or 4-H
- ❑ Experimenting with a chemistry set

School Subjects I Do Well In
- ❑ Math
- ❑ Geography
- ❑ Agriculture
- ❑ Science

Total boxes checked_____ 2.

Activities That Sound Interesting To Me
- ❑ Reading or writing stories
- ❑ Taking dance lessons
- ❑ Taking photographs
- ❑ Acting in a play or movie
- ❑ Listening to or playing music
- ❑ Drawing a picture

Personal Qualities That Describe Me
- ❑ Imaginative
- ❑ Creative
- ❑ Outgoing
- ❑ Like hands-on activities
- ❑ Performer

In My Free Time I Would Enjoy
- ❑ Acting in a play
- ❑ Painting pictures, drawing
- ❑ Working on the school newspaper

School Subjects I Do Well In
- ❑ Art
- ❑ Choir, chorus, band
- ❑ Journalism
- ❑ Drama

Total boxes checked_____ 3.

Activities That Sound Interesting To Me
- ❑ Putting things together
- ❑ Designing buildings
- ❑ Working on mechanical things
- ❑ Using math to solve problems
- ❑ Reading diagrams or blueprints
- ❑ Using tools

Personal Qualities That Describe Me
- ❑ Practical
- ❑ Like working with my hands
- ❑ Logical
- ❑ Good at following instructions
- ❑ Observant

In My Free Time I Would Enjoy
- ❑ Building a model airplane
- ❑ Drawing a sketch of a house
- ❑ Working on cars

School Subjects I Do Well In
- ❑ Math
- ❑ Industrial technology
- ❑ Science
- ❑ Drafting

Total boxes checked_____ 4.

Activities That Sound Interesting To Me
- ❑ Interviewing people
- ❑ Working with computers
- ❑ Typing letters, forms, banners, etc.
- ❑ Repairing or building a computer
- ❑ Working with numbers
- ❑ Organizing files and paperwork

Personal Qualities That Describe Me
- ❑ Accurate
- ❑ Independent
- ❑ Organized
- ❑ Computer literate
- ❑ Like to be around people

In My Free Time I Would Enjoy
- ❑ Being in a speech contest
- ❑ Designing an internet webpage
- ❑ Volunteering at a local business

School Subjects I Do Well In
- ❑ Language arts
- ❑ Business
- ❑ Computers
- ❑ Math

Total boxes checked_____ 5.

Activities That Sound Interesting To Me
- ❑ Helping people solve problems
- ❑ Working with children
- ❑ Protecting people
- ❑ Preparing food
- ❑ Being involved in politics
- ❑ Solving a mystery

Personal Qualities That Describe Me
- ❑ Friendly
- ❑ Open
- ❑ Outgoing
- ❑ Good at making decisions
- ❑ Good listener

In My Free Time I Would Enjoy
- ❑ Tutoring young people
- ❑ Helping with a community project
- ❑ Coaching youth in a sport

School Subjects I Do Well In
- ❑ Speech
- ❑ Social studies
- ❑ Child development
- ❑ Law

Total boxes checked_____ 6.

*adapted from Krista Flowers, Mid Rivers Tech Prep Consortium

Results of "Get to Know Yourself" Career Interest Survey

The box with the highest total is the career pathway that best represents your individual interests, abilities, and talents. However, do not limit yourself to one career pathway. Many people have strengths in several areas. Be sure to investigate occupations and opportunities in the THREE career pathways in which you scored highest.

Below is a list of the Career Pathways illustrated by the interest survey. Rank these Career Pathways according to your scores on page 8.

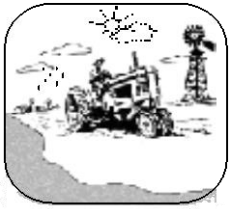
Box 1

Health Services

Total Boxes Checked_____

Rank_____

Box 2



Agriculture, Natural Resources & Environment

Total Boxes Checked_____

Rank_____

Box 3

Arts, Media, & Communication

Total Boxes Checked_____

Rank_____

Box 4

Industrial & Engineering Technology

Total Boxes Checked_____

Rank_____

Box 5

Business Technology, Management & Marketing

Total Boxes Checked_____

Rank_____

Box 6

Social and Consumer Services

Total Boxes Checked_____

Rank_____

What are the Six Career Pathways?

Agriculture, Natural Resources & Environment

Are you a nature lover? Do you enjoy working outdoors? Do you like hands-on activities? Do you have an interest in working with plants, soils or animals?

This pathway is related to utilizing and protecting the earth in all areas: land, water, and air. Occupations include farmer, surveyor, plant/soil scientist, commodity broker, wastewater treatment worker, fish and game warden, food engineer, conservation officer, oceanographer, and meteorologist.

Arts, Media & Communication

Are you creative, imaginative, innovative, original? Do you communicate ideas well?

This pathway is related to arts in all areas: performing, visual, literary, and media. Occupations include artist, dancer, graphic designer, journalist, digital media designer, architect, author, video editor, TV news anchor, radio broadcaster, and public relations specialist.

Business Technology, Management & Marketing

Are you organized, competitive, enthusiastic, and self-confident? Do you have leadership skills? Do you enjoy working with computers?

This pathway is related to management and support of the modern business. Occupations include secretary, manager, PC technician, computer programmer, bank teller, accountant, insurance agent, sales associate, sales representative, and Corporate Executive Officer (CEO).

Health Services

Do you enjoy science and understanding how the body works? Do you like to care for people and animals that are sick? Are you calm in emergency situations?

This pathway is related to all areas of the medical field. Occupations include nurse, physician, dentist, optometrist, veterinarian, physical therapist, dental hygienist, X-ray technician, psychologist, biochemist, chiropractor, and pharmacist.

Industrial & Engineering Technology

Do you have mechanical aptitude? Do you like working with your hands? Do you like to see how things work? Do you like to solve problems?

This pathway is related to the design, development, maintenance, and transportation of physical products, structures, and systems. Occupations include drafter, tool & die operator, civil engineer, mechanical engineer, machinist, aircraft mechanic, pilot, aerospace engineer, carpenter, electrician, plumber, and construction worker.

Social & Consumer Services

Are you outgoing and friendly? Do you enjoy politics and government? Do you like doing things that make life better for others?

This pathway is related to economic, political, social, and consumer services. Occupations include police officer, social worker, lawyer, teacher, government representative, chef, counselor, flight attendant, financial planner, and member of the clergy.

Available With IVY Tech Community College

The Fayette County School Corporation and IVY Tech Community College have developed dual-credit agreements for some CHS courses. A student successfully completing a dual credit course will earn high school and college credit. **There is no tuition cost to the student for dual credit at Ivy Tech**. There is a minimal cost to the student for textbook rental. Some courses are designated as Indiana Core Transfer Library (CTL). These courses will transfer to all Indiana public colleges/ universities. A current CTL course list can be found at www.transferin.net. The courses earning dual credit are listed below and marked in this Career Planner.

	IVY Tech Course Title (3 credit hours)	CHS Course Title	Accuplacer *Writing Sentence Skills	Accuplacer *Reading	Accuplacer *Math	*Testing Requirements
AG	AGRI 102 Ag Bus. & Farm Mgt.	Agriculture Business Mgt.	None	None	None	No Testing Requirements
	AGRI 115 Natural Resources Mgt.	Natural Resources Mgt.	None	None	None	No Testing Requirements
	AGRI 116 Survey of Horticulture	Horticulture Science	None	None	None	No Testing Requirements
	AGRI 103 Animal Science	Animal Science	None	None	None	No Testing Requirements
	AGRI 104 Food Science	Food Science	None	None	None	No Testing Requirements
	AGRI 105 Plant & Soil Science	Plant and Soil Science	None	None	None	No Testing Requirements
	LAND 103 Landscape Management I	Landscape Management	None	None	None	No Testing Requirements
BUS	CINS 101 Intro to Micro Comp. (CTL) & *IVYT 101 First Year Seminar (1 cr. hr.)	Information Com. & Tech. (2 sem.)	80+ None	76+ None	None None	PSAT 46, SAT 460, or ACT 19 No Testing Requirements
	BUSN 101 Intro to Business (CTL)	Principles of Business Mgt. (2 sem.)	80+	76+	None	PSAT 46, SAT 460, or ACT 19
	BUSN 102 Business Law	Business Law & Ethics (2 sem.)	80+	76+	None	PSAT 46, SAT 460, or ACT 19
	ENTR 101 Entrepreneurship & the Enterprise	Entrep. & New Ventures (1 sem.)	80+	76+	40-52 Elem. Alg.	PSAT 46, SAT 460, or ACT 19
	MKTG 101 Principles of Marketing	Principles of Marketing (1 sem.)	80+	76+	60-120 (Arith)	PSAT 46, SAT 460, or ACT 19
IND TECH	DESN 102 Communications for Mfg.	IED (Int. to Engine. Design)	None	None	None	No Testing Requirements
	DESN 104 Mechanical Graphics	POE (Principles of Engineering)	None	None	None	No Testing Requirements
	Intro to Adv. Mfg. & Logistics	Intro to Adv. Mfg. & Logistics	None	None	None	No Testing Requirements
	Adv. Manufacturing	Adv. Manufacturing	None	None	None	No Testing Requirements
MAT	MAT 136 College Algebra (CTL)	College Algebra-Adv. Math	None	None	74-120 Elem Alg. **AND** 0-85 College Level Math	PSAT 52, SAT 520, or ACT 24
	MAT 135 Finite Math (CTL)	Finite Math-Adv. Math	None	None	74-120 Elem Alg. **AND** 0-85 College Level Math	PSAT 52, SAT 520, or ACT 24
	MAT 137 Trigonometry (CTL)	Trigonometry-Adv. Math	None	None	74-120 Elem Alg. **AND** 0-85 College Level Math	PSAT 52, SAT 520, or ACT 24
	MAT 211 Calculus 1 (CTL)	Calculus	None	None	86-120 College Level Math	No Testing Requirements
SCI	BIOL 105 College Biology (CTL)	EC Biology 1-2	80+	76+	40-52+ (Elem Alg)	PSAT 26, SAT 460, or ACT 19
Social St.	HIST 101 Survey of American History 1	AP US History 1	80+	76+	None	PSAT 46, SAT 460, or ACT 17 Writing / ACT 18 Reading
	HIST 102 Survey of American History 2	AP US History 2	80+	76+	None	PSAT 46, SAT 460, or ACT 17 Writing / ACT 18 Reading
	PSYC 101 Intro to Psychology	Introduction to Psychology	80+	76+	None	No Testing Requirements

***Any combination of these test scores can be used to meet dual credit testing requirements. Many Whitewater Technical Career Center programs offer dual credit. In addition to the courses above, students may also opt to "Take A Course On Us" (see page 6) through an IVY Tech campus or online. Call the Guidance Department for more information (825-1151, extension 229).**

Available With Ball State University or Indiana University

The Fayette County School Corporation and Ball State University and Indiana University have developed dual-credit agreements for some CHS courses. A student successfully completing a dual credit course will earn high school and college credit if they pay for it. **There is a tuition cost to the student for these dual credits set by BSU and IU. However, students who qualify for free or reduced lunch can have the fee waived.** There may be a minimal cost to the student for textbook rental. Some of these courses have been designated as Indiana Core Transfer Library (CTL), and will transfer among all Indiana public college/university campuses. A current CTL course list can be found at www.transferin.net. Courses earning dual credit are listed below and marked in this planner.

	Ball State University or Indiana University or Vincennes Course Title		CHS Course Title
LANG ARTS	W 131	Reading, Writing, Inquiry (CTL) (3 credits)	Advanced Composition ES ACP
	A 202	Literary Interpretation (CTL) (3 credits)	Themes in Lit
	P155	Public Oral Communications (Bloomington Location)	Adv. Speech
	S121	Public Speaking (Richmond Location)	Adv. Speech
JAPANESE	JAPA 101 & 102 Japanese 1 (each 4 credits)		Japanese 3A/Japanese 3B
	JAPA 201 & 202 Japanese 2 (each 3 credits)		Japanese 4A/Japanese 4B

A message from Mr. Judd about dual-credit opportunities and Early College High School:

CHS offers students a chance to earn nearly 100 dual credits. We've been a great dual credit school for a long time. Now, we also offer students the chance to earn up to 30 credits, in a career pathway, if they enroll in our Early College High School (ECHS). The credits will currently transfer as a block of credits toward a degree program at any State University. If students do not enroll in ECHS, they can still earn dual credits, but State Universities do not have to accept the dual credits. Most of our dual credit classes are free, or offered at a greatly reduced price.

Many of our students would not have the chance to pursue higher education without our ECHS program, nor would their families be able to support or help them attend college at the current expense levels. CHS students, who earn college credits before graduating from high school, are gaining the confidence to pursue higher education. They also have a wonderful head start. Students will be able to complete a college degree in less time and for less cost. Students should make wise choices now, for their future!

ECHS Program and Pathways

An ECHS pathway is a collection of dual credit courses required by most universities. The pathway is developed with our higher education partner, Ivy Tech College. When an accepted ECHS student completes the pathway, all state colleges must accept the package of 30 credits towards their degree, so all the courses will transfer to any state college.

If a student does not complete the minimum number of courses in each pathway area, the student has not completed the pathway and the courses will not transfer as a block. If the pathway is not completed, the student may still have earned dual credits, but the college may not accept the credit toward the degree.

The student must also meet the testing requirements, meet the prerequisites for the course and earn at least a C or higher in the course in order to earn the dual credit.

Students are invited to enroll in the ECHS program as early as 8th grade. A student may apply to the program by completing the ECHS application, available in the guidance office. Once a student has been accepted into ECHS, the student will maintain certain standards regarding grades, behavior and attendance.

ECHS members are also expected to attend monthly advisory meetings. The purpose of the advisory meetings is to support the student in their pursuit of a college education with skills needed for high school and college success. Guest speakers and field trips are also part of the advisory program.

CHS has 3 pathways: business, liberal arts, and science/math. The ECHS student will choose one pathway and complete a sequence of classes in that pathway. Students may transfer pathways with approval from the ECHS guidance counselor or ECHS coordinator. These charts are intended to help students understand what courses will be needed during their high school career to complete their chosen pathway. ECHS students will meet with the ECHS counselor to make certain that the requirements of the pathway are met.

ECHS Liberal Arts (30 credits total): This pathway is for students not interested in business, science/math careers or that are undecided. The focus area is in bold, with courses offered at CHS listed below it. In the last 4 focus areas, choose enough credits to add up to at least 24 hours, for a total of at least 30 credit hours.

Written Communication (Need 3 credits)
___ Advanced Composition (IU W131)-3 credit hours

Speaking and Listening (Need 3 credits)
___ Speech (IU P155/S121)-3 credit hours

Quantitative Reasoning (Need to choose 3-9 credits)
___ Finite Math (Ivy Tech MATH 735)-3 credit hours
___ College Algebra (Ivy Tech MATH 136)-3 credit hours
___ Trigonometry (Ivy Tech MATH 137)-3 credit hours
___ Calculus (Ivy Tech MATH 211)-4 credit hours

Scientific Ways of Knowing (Need to choose 3-10 credits)
___ Biology EC (Ivy Tech BIOL 105)-3 credit hours
___Physics EC (Ivy Tech PHYS 101)-3 credit hours
___ Chemistry 1-2 (IVY TECH CHEM 101)-3 credit hours
___ Chemistry 3-4 (IVY TECH CHEM 105)-5 credit hours

Social and Behavioral Ways of Knowing (Need to choose 3-9 credits)
___ AP History 1 (Ivy Tech HIST 101)-3 credit hours
___ AP History 2 (Ivy Tech HIST 102)-3 credit hours
___ Psychology EC (Ivy Tech PSYC 101)-3 credit hours

Humanistic and Artistic Ways of Knowing (3-9 credits)
___Themes in Literature (IU L202)-3 credit hours
___French 3 (Ivy Tech FREN 101 & FREN 103)-6 credit hours
___ French 4 (Ivy Tech FREN 201 & FREN 203)-6 credit hours
___Music Appreciation (Ivy Tech HUMA 118) –3 credit hours

***Ivy Tech offers the opportunity to ECHS members to take two college courses for FREE through the "Take a Course on Us" (TACO U) program. These courses may be taken beginning the summer before the senior year. Please talk with the guidance office for this opportunity to earn up to 6 more free college credits.

ECHS Science and Math Pathway (30 credits total) This pathway is for students seeking a career related to Science or Math. This could include physical therapy, medicine, nursing, and engineering. The focus area is in bold, with courses offered at CHS listed below it. In the last 4 focus areas, choose enough credits to add up to at least 24 hours, for a total of at least 30 credit hours.

Written Communication (Need 3 credits)
__ Advanced Composition (IU W131)-3 credit hours

Speaking and Listening (Need 3 credits)
__Speech (IU P155/S121)-3 credit hours

Quantitative Reasoning (Need to choose 6-9 credits)
__Finite Math (Ivy Tech MATH 135)-3 credit hours
__College Algebra (Ivy Tech MATH 136)-3 credit hours
__Trigonometry (Ivy Tech MATH 137)-3 credit hours
__Calculus (Ivy Tech MATH 211)-4 credit hours

Scientific Ways of Knowing (Need to choose 6-10 credits)
__Biology EC (Ivy Tech Biol 105)-5 credit hours
__Physics EC (Ivy Tech PHYS 101)-3 credit hours
__Chemistry 1-2 (Ivy Tech CHEM 101)-3 credit hours
__Chemistry 3-4 (Ivy Tech CHEM 105)-5 credit hours

Social and Behavioral Ways of Knowing (Need to choose 3-6 credits)
__AP History 1 (Ivy Tech HIST 101)-3 credit hours
__AP History 2 (Ivy Tech HIST 102)-3 credit hours
__Psychology EC (Ivy Tech PSYC 101)-3 credit hours

Humanistic and Artistic Ways of Knowing (Need to choose 3 credits)
__Themes in Literature (IU L202)-3 credit hours
__French 3 (Ivy Tech FREN 101 & FREN 102)-6 credit hours
__ French 4 (Ivy Tech FREN 201 & FREN 202)-6 credit hours
___Music Appreciation (Ivy Tech HUMA 118) –3 credit hours

*** Ivy Tech offers the opportunity to ECHS members to take two college courses for FREE through the "Take a Course on Us" (TACO U) program. These courses may be taken beginning the summer before the senior year. Please talk with the guidance office for this opportunity to earn up to 6 more free college credits.

ECHS Business Pathway

Associate of Applied Science in Business Administration (60 credit Hours)

Student MUST complete 30 hours in the Business Pathway in order for ALL of the credits to transfer as a block of 30 credits toward the Associate of Applied Science Business Administration degree.

IVY TECH COURSE		CHS COURSE	College Credit Hrs.
CINS 101	Introduction to Microcomputers	Digital Applications & Responsibility	3
IVYT 111	Student Success Elective	embedded course within Digital Apps	1
MKTG 101	Principles of Marketing	Principles of Marketing	3
ENTR 101	The Entrepreneur and the Enterprise	Entrepreneurship & New Ventures Capstone	3
BUSN 101	Introduction to Business	Principles of Business Management	3
BUSN 105	Principles of Management	Administrative and Office Management	3
BUSN 201	Business Law	Business Law & Ethics	3

CHOOSE 1 COURSE FROM EACH AREA LISTED BELOW:

COLLEGE COURSE		CHS COURSE	College Credit Hrs.
English Composition			
W131	Reading, Writing & Inquiry	Advanced Composition ACP	3
CHOOSE ONE ELECTIVE COURSE:		**Humanities/Social & Behaviorial Sciences Elective**	
PSYC 101	Introduction to Psychology	Psychology	3
HIST 101	Survey of American History 1	AP US History 1	3
HIST 102	Survey of American History 2	AP US History 2	3
TACO U Must take TWO on-line courses via Ivy Tech			
	Business Administration Elective		3
	Business Administration Elective		3
			Total 31 Credit Hours

*CHS Early College Students may take two on-line courses for FREE

*On-line courses must be during Senior year (including the summer before and after senior year)

**Technical Certificate in Business Administration will be accepted as a block for 31 credit hours at Ivy Tech.

**Ivy Tech has several transfer partners for the Business Administration associate degree

CHS CLUBS

American Sign Language – Students learn the mechanics of ASL, as well as vocabulary to build sentences in the language. Students practice by creating their own sentences, and learning signs to popular songs.

Art Club – Art Club meets once a month after school hours and once a month during SRT. Anyone interested in hands-on activities may join.

Archery Club—The purpose of the Archery Club is to promote, support and practice the sport of archery. The National Archery in the Schools Program (NASP) safety guidelines will be followed. An archery team will be chosen from the club members to compete in school, regional, and state competitions. Practices will be after school.

CHS Book Club – The CHS Book Club is new this year. We meet every other Friday during SRT. We alternate between our meetings between discussion an assigned book, which the entire club agrees upon reading individually over a two week period, and a free discussion meeting when each member can talk about what

they are currently reading and make suggestions to other members based on similar interests. The club is open to all CHS students.

CHS Theatre – CHS Theatre provides students experiences designed to help students express their creativity while exploring all phases of theatre production. Students will be involved in the production and viewing of plays and participate in social activities designed to encourage the appreciation of theatre. All students may join. Enrollment in theatre courses is encouraged.

Class Counsels – Students self-nominate and interview with the sponsor(s) to serve their class by planning and executing social and service events.

Creative Literary Magazine – Students interested in creative writing, photography, & art meet to critique and select work for the yearly publication.

EIAL (Eastern Indiana Academic League) – Six student teams compete in Fine Arts, Social Studies, Math, English, Science and Interdisciplinary rounds. Ability and interest in one or more of these subjects is a must to join a team.

Environmental Club – The purpose of the Environmental Club is to inform the school and community on ways they can get involved and help protect the environment. Students will conduct an environmental service project that will better their community. Students also perform service hours to help their community. During environmental club meetings members present on a topic of environmental concern and discuss what needs to be done to help or improve the issue.

FCA (Fellowship of Christian Athletes) – The mission of FCA is to encourage an atmosphere of Christian fellowship for athletes, coaches, and all whom they influence. FCA is open to all CHS students, whether athletes or not.

FCCLA (Family, Career, and Community Leaders of America) – FCCLA is a local, state, and national club available to students who have taken or are taking Family and Consumer Science classes. FCCLA promotes strengthening families, community involvement and services, leadership and personal development. Dues are $10.00. Must have had a FCS course. State Leadership Conference – May submit projects to be judged at state level + attendance.

FFA (National FFA Organization) – FFA is a local, state and national youth organization dedicated to making a positive difference in the lives of young people by developing their potential for premier leadership, personal growth, and career success through agriculture education (SAE). FFA members must have a Supervised Agriculture Experience (SAE). An SAE is developed during the school year. Students must have an Agriculture class or permission from the FFA advisor.

French Club – French Club invites all students studying French to explore the culture and language outside the classroom. Activities include field trips, food preparation, games, movies, holiday celebrations, and crafts. Dues are $5.00

Hula Hoop Club is a group of students who participate in learning how to "trick hoop." Hula Hoop Club creates a community of hoopers who help each other learn and grow as individuals, as well as a group.

Japanese Club – All Japanese students are invited to experience Japanese activities including cooking, games, movies, festivals, origami, calligraphy, chopstick practice, and Sakura restaurant lunch. Dues are $5.00.

Jr. Red Cross – Students interested in disaster preparedness, disaster response, and first aid certification meet monthly to hear guest speakers and organize community activities.

Key Club – Key Club is a service leadership organization sponsored jointly by the local Kiwanis Club and CHS. Key Club's objective is to develop initiative, leadership ability, and good citizenship practices. Key Club is a student-led organization at the local, district, and international levels and is the largest service organization of its kind. Dues are $10 per member. Key Club meets in the mornings before school.

Magic Club – Magic Club gives students a chance to meet and Play Magic the card game.

Robo Spartans – CHS Robotics Club wants to inspire young people to be the future leaders of science and technology. This program provides engaging exploration in science, engineering, and technology skills. Robo Spartans are involved with the innovation of building life size robots. Also, it will foster well-rounded life capabilities including: self-confidence, communication, and leadership.

SADD stands for Students Against Destructive Decisions which is a peer leadership organization dedicated to preventing destructive decisions, particularly underage drinking, other drug use, impaired driving, and teen violence and suicide. The goal of the club is to be a positive influence on our school and community.

Spanish Club – Open to all students studying Spanish who wish to participate in cultural and language opportunities beyond the classroom. Activities include holiday celebrations, games, movies, cooking, crafts, and cultural field trips.

Spartan Speakers – Spartan Speakers provides students an opportunity to compete nationwide in various styles of verbal expression. Students will use humor, drama, research, and knowledge to showcase their talents. Continually ranked as one of the top teams in the state, the Speech Team is open to everyone who wants to have fun, earn communication skills, win awards, and succeed now and in the future.

Student Council – Student Council includes all members of each class council and plans the major social events each school year.

Student Government – Student Government is an organization that allows students to use and develop their communication skills by working in collaboration with the administration, teachers, and students at Connersville High School. Student Government is an outstanding place for students who wish to make the most of their academic experience while developing leadership skills and building personal character.

AGRICULTURE

ALL STUDENTS IN AGRICULTURES ARE MEMEBERS OF FFA

FRESHMAN COURSE
(First Year in Comprehensive High School Agricultural Education)

INTRODUCTION TO AGRICULTURE, FOOD, AND NATURAL RESOURCES: Grades 9, 10, 11, 12. Elective. Two semesters. Two credits.
Introduction to Agriculture, Food, and Natural Resources is a yearlong course that is highly recommended as a prerequisite and foundation for all other agricultural classes. The nature of this course is to provide students with an introduction to the fundamentals of agricultural science and business.

(Second, Third, and Fourth Year in Comprehensive High School Agricultural Education)

ANIMAL SCIENCE: Grades 10, 11, 12. Elective. Two semesters. Two credits. **(Dual Credit) Ivy Tech.**
Prerequisite: Introduction to Agriculture, Food, and Natural Resources or with permission of teacher.
Animal Science is a yearlong course that provides students with an overview of the field of animal science. All areas that the students study can be applied to large and small animals.

HORTICULTURAL SCIENCE: Grades 10, 11, 12. Elective. Two semesters. Two credits. **(Dual Credit) Ivy Tech.**
Prerequisite: Introduction to Agriculture, Food, and Natural Resources or with permission of teacher.
Horticultural Science is a yearlong course designed to give students a background in the field of horticulture. It addresses the biology and technology involved in the production, processing, and marketing of horticultural plants and products.

Food Science: Grades 10,11,12 Elective. Two Semesters. Two Credits
Prerequisite: Introduction to Agriculture, Food, and Natural Resources (DUAL Credit) IVY TECH
This course is a year-long program that provides students with an overview of food science and its importance. This is an introduction to principles of food processing, food chemistry, nutrition, food packaging, food commodities, food regulations, and careers in the food science industry.

Agriculture Power, Structure and Technology (APT): Grades 10, 11, 12. Elective. Two semesters. Two credits. **(Dual Credit) Ivy Tech.**
Prerequisite: Introduction to Agriculture, Food, and Natural Resources (DUAL Credit) IVY TECH
This course is a two semester, lab intensive course in which students develop an understanding of basic principles of selection, operation, maintenance, and management of agricultural equipment in concert with the utilization of technology.

(Third and Fourth Year in Comprehensive High School Agricultural Education)

Advanced Life Science, Animals: Grades 11, 12. **Core 40/ Academic Honors Science Course** Two semesters. Two credits. **(Dual Credit) Ivy Tech.**
Prerequisite: Full year of Biology and Chemistry or ICP
This course is a standards-based, interdisciplinary science course that integrates biology, chemistry, and microbiology in an agricultural context. . Students enrolled in this course formulate, design, and carry out animal- based laboratory and field investigations as an essential course component. Students investigate key concepts that enable them to understand animal growth, development and physiology as it pertains to agricultural science.

Advanced Life Science, Plants: Grades 11, 12. **Core 40/ Academic Honors Science Course** Two semesters. Two credits. **(Dual Credit) Ivy Tech.**
Prerequisite: Full year of Biology and Chemistry or ICP
This is a two semester course that provides students with opportunities to participate in a variety of activities including laboratory work. Students study concepts, principles, and theories associated with plants and soils. Knowledge gained enables them to better understand the workings of agricultural and horticultural practices. They recognize how plants are classified, grow, function, and reproduce. Students explore plant genetics and the use of plants by humans. They examine plant evolution and the role of plants in ecology. Students investigate, through laboratories and fieldwork, how plants function and how soil influences
This course also counts as a Quantitative Reasoning Course.

SUPERVISED AGRICULTURAL EXPERIENCE (SAE): Grades 11, 12. Elective. Two semesters. Two credits.
Prerequisite: Introduction to Agriculture, Food, and Natural Resources or with permission of teacher.
This course is designed to provide students with opportunities to gain experience in the agriculture field(s) in which they are interested. Students should experience and apply what is learned in the classroom, laboratory, and training site to real-life situations. Students work closely with their agricultural science and business teacher, parents, and/or employers to get the most out of their SAE program. SAE is offered as a Coop Ed. Program where students may be released from a portion of the school day to work in their respective SAE area.

ART

***NOTE: A STUDENT MAY ONLY TAKE TWO ART CLASSES PER SEMESTER.**

INTRO TO 2-D ART: (two dimensional) Grades 9, 10, 11, 12. Elective. One semester. One credit. Lab fee required.
Doesn't matter what order to take 2-D or 3-D.
This course is a semester class that explores the elements and principles of art. Students study color theory and design using a variety of media and techniques to create original art works. Students study selected art works, artists, and periods of art. They read, write, and do simple math problems that are part of the art project or art appreciation. Students must pass this course with a C or better in order to take Drawing, Painting, and Beginning Photography.

INTRO TO 3-D ART: (three dimensional) Grades 9, 10, 11, 12. Elective. One semester. One credit. Lab fee required.
Doesn't matter what order to take 2-D or 3-D.
This course is a semester course that explores the elements and principles of art in the production of art. Students experiment with a variety of media and techniques to create original art works. Students study selected art works, artists, and periods of art. They are asked to read, write and do simple math problems that are part of the art project or art appreciation. Students must pass this course with a C or better in order to take Ceramics, Jewelry, and Advanced 3-D Art.

DRAWING 1-6: Grades 10, 11, 12. Elective. **Up to 6 semesters may be taken with 1 credit per semester**. Lab fee required.
Prerequisite: Credit in 2-D Art. Must have a C or better in 2-D Art and all other prerequisites. Drawing 1 offered 1st semester only--must have Drawing 1 to take Drawing 2.
Students explore drawing as a means of self-expression from preliminary sketches to finished renderings. Students use a variety of materials and techniques to produce drawings. Students develop critical analysis skills through the introduction of selected multicultural works of art. Some writing and solving of math problems will be required.

PAINTING 1-6: Grades 10, 11, 12. Elective. **Up to 6 semesters may be taken with 1 credit per semester**. Lab fee required.
Prerequisite: Credit in 2-D Art. Must have a C or better in 2-D Art and all other prerequisites. Painting 1 offered 1st semester only—must have Painting 1 to take Painting 2.
Students continue to use the elements and principles of art to sketch and then paint, using a variety of media, painting techniques and subject matter. They are also required to study selected works of art, periods of art, and artists. Some writing and math computation will be required.

CERAMICS 1-6: Grades 10, 11, 12. Elective. **Up to 6 semesters of Ceramics** may be taken in succession with one credit per semester. Lab fee required. **Students must buy their own clay**, which is purchased through the art department ($10-$30 additional money is needed.)
Prerequisite: Credit in 3-D Art must hae a C or better. Must take Ceramics 1 prior to Ceramics 2-6. Ceramics 1 offered only 1st semester. Ceramics 2, 3, 4, 5, 6 – prerequisite: Credit in Ceramics 1. Must have a C or better in 3-D Art and all other prerequisites.
Students will explore clay construction techniques, textures, surface design and glazing in creating their own clay works. Students will study selected artists and art history. Some writing and math computation will be required.

ADVANCED 3-D ART: Grades 10, 11, 12. Elective. One semester. One credit. Lab fee required.
Prerequisite: Credit in 3-D Art. Must have a C or better in 3-D Art.
Students explore more in-depth three-dimensional projects. Students develop skills in various media such as basketry and stained glass. Students study selected artists and art history. Some writing and math computation will be required.

JEWELRY: Grades 10, 11, 12. Elective. One semester class. One credit. Lab fee required.
Prerequisite: Credit in 3-D Art. Must have a C or better in 3-D Art.
Students will learn sawing, soldering, finishing, and other basic techniques in constructing jewelry using a variety of materials. Selected works of art and artists are studied. Some writing and math are required.

BUSINESS

BMIT (Business, Management and Information Technology): Career and Technical Education courses

*Students enrolled in BMIT courses have the opportunity to work toward the Technical Honors Diploma.

INTRODUCTION TO BUSINESS 1 & 2: Grades 9-10. Two semesters, two credits.
This course introduces students to the world of business, marketing and entrepreneurship including the concepts, functions, and skills required for meeting the challenges of operating a business in the twenty-first century on a local, national, and international scale. The course further develops business vocabulary and provides an overview of business and the role that business plays in economic, social, and political environments.

PERSONAL FINANCIAL RESPONSIBILITY: Grades 9-12. One semester, one credit.
This course meets all standards of Indiana Personal Financial Responsibility Legislation.
This course helps students build skills in financial responsibility and decision making; analyze personal standards, needs, wants, and goals; identify sources of income, saving and investing; understand banking, budgeting, record-keeping and managing risk, insurance and credit card debt.

ACCOUNTING 1 & 2: Grades 11-12. Elective. Two semesters, two credits.
Students must successfully complete Accounting 1 to enroll in Accounting 2.
This course introduces the language of business using Generally Accepted Accounting Principles (GAAP) and procedures for proprietorships, partnerships, & corporations using double-entry accounting. Emphasis is placed on accounting principles as they relate to both manual and automated financial systems. The course involves understanding, analyzing, and recording business transactions and preparing, analyzing, and interpreting financial reports as a basis for decision-making.

BUSINESS MATH: 1 & 2: Grades 11, 12. Elective. Two semesters, two credits.
Prerequisite: Algebra 1. *This course fulfills a math requirement for the general diploma only or counts as an elective for the Core 40 diploma.* Business Math prepares students for roles as entrepreneurs, producers and business leaders by developing math skills that are a part of any business environment. Content includes math operations related to accounting, banking & finance, marketing, and management.

DIGITAL APPLICATIONS AND RESPOSIBILITY: Grades 9-12. Elective.
Two semesters, two credits. This course is **HIGHLY recommended for all ECHS students. Students must successfully complete semester 1 to enroll in semester 2**.
This course introduces students to the physical components and operation of computers. Technology is used to build student decision-making and problem-solving skills. Students will work extensively with Word, Excel, Access and PowerPoint programs. Students should be given the opportunity to seek an industry-recognized digital literacy certification.
Dual credit is available with Ivy Tech Community College after meeting testing requirements-CINS 101 CTL

****IVYT 111: Student Success in University Transfer**
This course is embedded inside Digital Applications & Responsibility course. Students will be provided with skills and strategies that can help them to become successful in academics and life. Topics will include: increasing awareness of personality type and learning style, explore career options, goal-setting, utilize various resources, explore college academic and social environments, discover different study skills, and examine personal and wellness issues.
Dual credit is available for IVYT 111, First Year Seminar (1 credit hour)

BUSINESS LAW AND ETHICS 1 & 2: Grades 10-12. Elective. Two semesters, two credits. **Students must successfully complete semester 1 to enroll in semester 2**.
This course provides an overview of the legal system in the business setting. Topics covered include: basics of the judicial system and contract, personal, employment and property law. Application of legal principles and ethical decision-making techniques are presented through problem-solving methods and situation analyses.
Dual credit is available with Ivy Tech Community College after meeting testing requirements-BUSN 102

ENTREPRENEURSHIP AND NEW VENTURES CAPSTONE: Grades 11-12. Elective. One semester, one credit.
This course introduces entrepreneurship and develops skills and tools critical for starting and succeeding in a new venture. The entrepreneurial process of opportunity recognition, innovation, value proposition, competitive advantage, venture concept, feasibility analysis, and "go to" market strategies will be explored. Development of a formal business plan is required for this course.
Dual credit is available with Ivy Tech Community College after meeting testing requirements-ENTR 101

PRINCIPLES OF MARKETING: Grades 10-12. Elective. One semester, one credit.
This course provides a basic introduction to the scope and importance of marketing in the global economy. Emphasis is placed on oral and written communications, mathematical applications, problem solving, and critical thinking skills as they relate to advertising/promotion/selling, distribution, financing, marketing-information management, pricing, and product/service management.
Dual credit is available with Ivy Tech Community College after meeting testing requirements-MKTG 101

PRINCIPLES OF BUSINESS MANAGEMENT Grades 11-12. Elective. One semester, one credit.
Students must successfully complete Principles of Business Management to enroll in Administrative and Office Management.
This course focuses on the roles and responsibilities of managers as well as opportunities and challenges of ethically managing a business in the free enterprise system. Students will attain an understanding of management, team building, leadership, problem solving steps and processes that contribute to the achievement of organizational goals. The management of human and financial resources is emphasized.
Dual credit is available with Ivy Tech Community College after meeting testing requirements-BUSN 101 CTL

ADMINISTRATIVE AND OFFICE MANAGEMENT. Grade 11-12. Elective. One semester, one credit.
Advanced Business Management prepares students to plan, organize, direct, and control the functions and processes of a firm or organization and be successful in a work environment. Students are provided opportunities to develop attitudes and apply skills and knowledge in the areas of business administration, management, and finance. Individual experiences will be based upon the student's career and educational goals.
Dual credit is available with Ivy Tech Community College after meeting testing requirements-BUSN 105

PROFESSIONAL CAREER INTERNSHIP: Grade 12. Elective. May earn up to 2 credits per semester.
(This course or Cooperative Education is one of the requirements for the Technical Honors Diploma)**
This course provides students the opportunity to participate in workplace learning that is reflective of a student's career interest. Internships are tailored to the unique needs and interests of the student. A learning agreement outlines the expectations of all parties: student, parent, supervisor, and business. Prospective students must complete an application to apply to the program. Admittance to the program will depend upon grades, attendance, discipline records, and recommendations.

FAMILY AND CONSUMER SCIENCE

The discipline of Family and Consumer Sciences provides the bridge needed by all students to deal with major societal issues such as work-and-family, health care, child and elder care, family and community violence and crime, global economics and politics, and technology usage. The F&CS Education program provides a platform for students to move into a new era by gaining a strong foundation of the knowledge and skills needed for successfully living and working in the 21st century. A project-based approach that utilizes higher order thinking, communication, leadership, and management processes, and fundamentals to college and career success is implemented in order to integrate these topics into the study of each F&CS class.

Successful completion of three of the following five courses fulfills the student's Health and Safety Requirement for graduation: Child Development, Interpersonal Relationships, Nutrition and Wellness, Preparing for College and Careers, and Adult Roles & Responsibilities.

NUTRITION AND WELLNESS: Grades 9, 10, 11, 12. Elective. One semester. Offered 1st and 2nd semester. One credit. Meets Health & Safety Requirement.
Prerequisites: None
Lab fee required.
Nutrition and Wellness is an introductory course 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.

ADVANCED NUTRITION AND WELLNESS: Grades 10, 11, 12. Elective. One semester. Offered 1st and 2nd semester. One credit.
Prerequisites: Nutrition and Wellness; completed with a minimum grade of a "C" average.
Lab fee required.
Advanced Nutrition and Wellness is a course which provides an extensive study of nutrition. This course is recommended for all students wanting to improve their nutrition and learn how nutrition affects the body across the lifespan. Topics include extensive study of major nutrients, nutritional standards across the lifespan, influences on nutrition/food choices, technological and scientific influences, and career exploration in this field. Laboratory experiences will be utilized to develop food handling and preparation skills; food safety and sanitation.

INTRODUCTION TO FASHION & TEXTILES: Grades 9, 10, 11, 12. Elective. One semester. Offered 1st and 2nd semester. One credit.
Prerequisites: None
Lab fee required.
Introduction to Fashion and Textiles addresses knowledge and skills related to design in the fashion, textile, and apparel arena. A project-based approach integrates instruction and laboratory experiences including application of the elements and principles of design; selection, production, alteration, repair, and maintenance of apparel and textile products; and application of technical tools and equipment utilized in the industry. Students will complete multiple projects that integrate personal designs, a sewing machine project, a project that explores color schemes, and projects that utilize hand-sewing techniques.

INTERPERSONAL RELATIONS: Grades 9, 10, 11, 12. Elective. One semester. Offered 1st and 2nd semester. One credit. Meets Health & Safety Requirements.
Prerequisites: None
Interpersonal Relationships is valuable for all students as a life foundation and academic enrichment. This course addresses topics that 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.

ADULT ROLES & RESPONSIBILITIES: Grades 10, 11, 12. Elective. One semester. 1st semester ONLY. One credit. Meets Health & Safety Requirements.
Prerequisites: None

Adult Roles & Responsibilities builds knowledge, skills, attitudes, and behaviors that students will need as they complete high school and prepare to take the next steps toward adulthood in today's society. The course includes the study of interpersonal standards, lifespan roles and responsibilities, individual and family resource management, and financial responsibility and resources.

PREPARING FOR COLLEGE AND CAREERS: Grades 9, 10, 11, 12. Elective. One semester (Offered 1st & 2nd semester). One credit. Meets Health & Safety Requirement.
Prerequisites: None
Preparing for College and Careers addresses the knowledge, skills, and behaviors all students need to be prepared for success in college, career, and life. Topics to be addressed include 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. 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, developing career plans, and developing personal and career portfolios.

CHILD DEVELOPMENT: Grades 9,10, 11, 12. Elective. One semester. Offered 1st and 2nd semester. One credit. Meets Health & Safety Requirement.
Prerequisites: None
Child Development addresses issues of child development from conception/prenatal through age 3. It includes the study of prenatal development and birth; growth and development of children; child care giving and nurturing; and support systems for parents and caregivers; introduction to laboratory/field experiences with children in daycare settings. Real Care Baby project required or alternative project.

INTRODUCTION TO HOUSING & INTERIOR DESIGN: Grades 9,10, 11, 12. Elective. One semester. Offered 1st and 2nd semester. One credit.
Prerequisites: None
Introduction to Housing & Interior Design addresses the selection and planning of designed spaces to meet the needs, wants, values and lifestyles of individuals, families, clients, and communities. Housing decisions, resources and options will be explored including factors affecting housing choices and the types of housing available. Developmental influences on housing and interior environments will also be considered. Basic historical architectural styling and basic furniture styles will be explored as well as basic identification of the elements and principles of design. Design and space planning involves evaluating floor plans while learning to create safe, functional, and aesthetic spaces. Presentation techniques will be practiced to thoroughly communicate design ideas.

FOREIGN LANGUAGE

Foreign language study is an important part of a student's preparation. Students who intend to go to college should select a language as early as possible and continue with its study through high school. If a student's area of study in college has a foreign language requirement (as most do), he/she may fulfill all or part of it here at the high school level where it is more easily learned and is less expensive.

TO BE ELIGIBLE TO SIGN UP FOR FIRST-YEAR FOREIGN LANGUAGE, STUDENTS MUST HAVE A FINAL GRADE OF C IN THEIR LAST ENGLISH CLASS.

JAPANESE 1A-1B: Grades 9, 10, 11, 12. Elective. Two semesters. Two credits.
Japanese 1A-1B will introduce basic phrases, hiragana and katakana writing systems and the basic grammatical structures. Cultural learning will be an integral part of the language learning.

JAPANESE 2A-2B: (ES) Grades 10, 11, and 12. Elective. Two semesters. Two credits.
Prerequisite: Japanese 1A and 1B.
Japanese 2A-2B will concentrate on the expansion of vocabulary, grammar, reading, and writing skills. Kanji will be introduced. As increased language skills are acquired, cultural insight and understanding will be developed.

JAPANESE 3A-3B: (EC) Grades 11, 12. Elective. Two semesters. Two credits.
CHS Prerequisite: Japanese 1A and 1B, 2A and 2B with a C- or above each semester.
Ball State Prerequisite for Japanese 3A: Completion of Japanese 1A, 1B, 2A and 2B with a C- or above.
Ball State Prerequisite for Japanese 3B: Completion of Japanese 3A with a C- or above.
Japanese 3A-3B will concentrate on extensive conversational skills. Kanji learning will continue.
Dual credit is available with Ball State University after meeting prerequisites (Japanese 3A-Japanese 101) and (Japanese 3B-Japanese 102).

JAPANESE 4A-4B: (EC) Grade 12. Elective. Two semesters. Two credits.
CHS Prerequisite: Japanese 3A and 3B with a C- or above each semester.
Ball State Prerequisite for Japanese 4A: Completion of Japanese 3A and Japanese 3B with a C- or above.
Ball State Prerequisite for Japanese 4B: Completion of Japanese 4A with a C- or above.
Japanese 4A-4B will concentrate on extensive conversational skills including informal language. Kanji learning will continue.
Dual credit is available with Ball State University after meeting prerequisites (Japanese 4A-Japanese 201) and Japanese 4B-Japanese 202).

SPANISH ENROLLMENT WILL BE LIMITED TO 150 STUDENTS CHOSEN IN A LOTTERY FROM ALL STUDENTS REQUESTING THIS COURSE.

SPANISH 1A-1B: Grades 9, 10, 11, 12. Elective. Two semesters. Two credits.
Spanish 1A-1B will emphasize listening and speaking skills while introducing students to the basics of grammar in the language. Students will learn introductory reading and writing skills. Students will learn vocabulary dealing with greetings, school, clothing, food, schedules, sports, and activities.

SPANISH 2A-2B: (ES) Grades 10, 11, 12. Elective. Two semesters. Two credits.
Prerequisite: Spanish 1A and 1B.
Students will continue to develop reading, writing, speaking, and listening skills. Students will concentrate on mastering grammar.

SPANISH 3A-3B: (ES) Grades 11, 12. Elective. Two semesters. Two credits.
Prerequisite: Spanish 1A, 1B, 2A and 2B with a C- or above each semester.
Students will expand their ability in all skill areas. Students will produce more original written and spoken work.

SPANISH 4A-4B: (ES) Grade 12. Elective. Two semesters. Two credits.
Prerequisite: Spanish 3A and 3B with a C- or above each semester.
Students will continue to refine their communication skills via listening, speaking, reading, and writing.

FRENCH 1A-1B: Grades 9, 10, 11, 12. Elective. Two semesters. Two credits.
French 1A-1B will emphasize listening and speaking skills while introducing students to the pronunciation and intonation patterns, the basic grammatical structures, and the vocabulary of the language. Cultural insight and understanding will be developed.

FRENCH 2A-2B: (ES) Grades 10, 11, 12. Elective. Two semesters. Two credits.
Prerequisite: French 1A and 1B.
French 2A-2B will begin with a review of Level 1 and 2 concepts. In addition, this course will further expand listening, speaking, and writing skills with concentration upon the mastery of grammar.

FRENCH 3A-3B: (EC) Grades 11, 12. Elective. Two semesters. Two credits.
CHS Prerequisites: French 1A, 1B, 2A and 2B with a C- or above each semester.
Vincennes Prerequisite for French 3A: 2 years of high school French with average grade of C or better.
Vincennes Prerequisite for French 3B: French 101 with a grade of C or better.
Instruction at this level is designed to provide the student with greater use of all the language skill areas. This course will provide a progression from directed to more original composition. **Dual credit is available with Vincennes University after meeting prerequisites (French 3A-French 101) and (French 3B-French 103).**

FRENCH 4A-4B: (EC) Grade 12. Elective. Two semesters. Two credits.
CHS Prerequisites: French 3A and 3B with a C- or above each semester.
Vincennes Prerequisite for French 4A: French 103 with a C or better OR completion of 2 years of high school French, PLUS minimum department test score of 33.
Vincennes Prerequisite for French 4B: French 201
Instruction at this level will provide the student with a broad survey of French literature through selected readings from major authors; and will give the student experience in bettering his communication skills via listening, speaking, reading, and writing.
Dual credit is available with Vincennes University after meeting prerequisites (French 4A-French 201) and (French 4B-French 203).

FOREIGN LANGUAGE STUDY ABROAD: One credit.
This is a three-week cross-cultural immersion experience. Permission of instructor is required.
The acquisition of 1 semester credit in this course is dependent upon the completion of specific criteria in the country of the target language. See instructor for more details.

LANGUAGE ARTS

The English Department believes that all students must develop skills and proficiencies in both language and literature so that upon graduation they may successfully advance to college-level work or enter the workforce. CHS students are required to earn eight semesters of credit in English. Speech can count as one 12th grade credit.

Students qualify for enrollment in Enriched Sequence classes through the recommendation of their English teachers, a writing sample, and standardized test scores. Entry into the Enriched Sequence typically will be made during enrollment to ninth grade. These courses will stress excellence and will be demanding in their content.

SAT PREP: This class is for grades 9-12. Students will learn test strategies and test-taking skills while taking practice SAT tests.

ENGLISH 9: Grade 9. Two semesters. Two credits.
Students will receive instruction in language, literature, composition, grammar, vocabulary, speech and listening. Students will receive extra instruction as needed through the use of the Language Arts Lab.

ENGLISH 9 (ES): Grade 9. Two semesters. Two credits.
Students will receive accelerated instruction in language, literature, composition, grammar, vocabulary, speech and listening. This class requires more outside reading and includes greater emphasis on grammar, composition, and critical thinking than does English 9.

ENGLISH 10: Grade 10. Two semesters. Two credits.
Students will receive continued instruction in language, literature, composition, grammar, vocabulary, speech, and listening.

ENGLISH 10 (ES): Grade 10. Two semesters. Two credits.
This course provides integrated experiences and develops skills in literature, composition and vocabulary. The literature will include short stories, novels, drama and non-fiction. Composition will be primarily literature-based. Grammar, usage, spelling, and language mechanics will be emphasized through composition.

ENGLISH 11: Grade 11. Two semesters. Two credits.
Students receive continued instruction in language, literature, composition, grammar, vocabulary, speech, and listening in an effort to advance their skills in these areas.

ENGLISH 11 (ES): Grade 11. Two semesters. Two credits.
Students in this course will combine a practice of composition with the exploration of American writers to develop an appreciation of American literature. Instruction in vocabulary development, grammar, usage, mechanics, research techniques, literary analysis will be integrated with writing. It requires reading and is intended for college-bound students.

ENGLISH 12: Grade 12. Two semesters. Two credits.
Students continue to advance their skills in reading, writing, speaking, and listening, particularly those skills needed regarding college and career readiness.

EXPOSITORY WRITING: Grade 11 or 12. One semester. One credit.
Prerequisite: Seniors must earn a B or better in the previous semester of English class. Juniors or 3-year seniors must score at or above 50 in the PSAT Critical Reading and PSAT Writing sections (PLAN/Aspire scores may also be used) and have an A in their previous semester of English to be eligible.
Students in this class practice writing in various expository modes. The course is designed for the college-bound student who wishes to prepare for the ACP W131 course. Students will not receive dual credit for this course, however it will give them the skills they need to be successful in Advanced Composition (W131). A senior or junior who meets the requirements may take this course during the fall semester and then take the ACP W131 in the spring semester. A junior may take this class in the fall/spring semester of their junior year and then take the ACP W131 in the spring semester of their junior year or the fall semester of their senior year.

CREATIVE WRITING: Grades 11 or 12. One semester. One credit. Elective.
Prerequisite: Must be junior or senior.
This course uses a workshop approach emphasizing generating ideas and considering the intended audience. Both the writing process and a quality final product will be stressed. This course is designed for students who have a particular interest in writing and whose writing skills are average or above.

ADVANCED COMPOSITION: (ACP W131) Grade 11 or 12. One semester. One credit.
Prerequisite: Students must score at or above the state average in the PSAT Critical Reading (47.5) and PSAT Writing (46.2) sections (PLAN/Aspire scores may also be used). Students may also be eligible if they earn a B or better in Expository Writing or American Literature and are recommended by a CHS English teacher. Juniors must take the Expository Writing class and earn at least a B before they are eligible for the W131 class. Note: A senior who does not meet the requirements may take Expository Writing and then schedule the class for the next semester.
This course combines critical reading, writing, and analytical skills. Students will master the skills of summary, critique, analysis, synthesis, and documentation that will be needed for success in college and beyond. **This class is a dual credit Advanced College Project (ACP) course and students may opt to take the course for 3 credit hours through Indiana University.**

THEMES IN LITERATURE: (ACP L202) Grade 12. One semester. One credit.
Prerequisite: Students must pass Advanced Composition (W131) with a C or better.
Students in this class will further develop skills of literary analysis through close reading and discussion of texts. Several short, critical responses to literature will be required.
This class is a dual credit Advanced College Placement (ACP) course and students may opt to take the course for 3 credit hours through Indiana University.

SPEECH: Grades 9, 10, 11, and 12. One semester. One credit. Elective but meets one 12^{th} grade English requirement.
Students will present speeches that describe, entertain, inspire and persuade through group discussion, manuscript, extemporaneous and impromptu speaking. Instruction in listening, nonverbal communication, research, organizing, presentation, poise, and audience analysis will be offered. Students will be encouraged to participate in and/or attend speech meets and plays.

ADVANCED SPEECH & COMMUNICATION: (P155/S121 Public Oral Communication/Public Speaking): Grades 11, 12. Elective. One semester. One credit.
Prerequisite: Students must have an English teacher recommendation to be eligible to take this course.
Prepares students in the liberal arts to communicate effectively with public audiences. Emphasizes oral communication as practiced in public contexts: how to advance reasoned claims in public; how to adapt public oral presentations to particular audiences; how to listen to, interpret, and evaluate public discourse; and how to formulate a clear response. **This class is a dual credit Advanced College Placement (ACP) course and students may opt to take the course for 3 credit hours through Indiana University.**

THEATER ARTS: Grades 9, 10, 11, and 12. Elective. One semester. One credit.
Instruction will enable students to experience theater as a whole. Theater history, backstage theater, and acting will be explored. Exercises will include character development, stage directions, script writing, theater terms and critiquing. Performance opportunities will include acting scenes, improvisation, and monologues.

THEATER PRODUCTION: Grades 9, 10, 11, and 12. Elective. One semester. One credit.
Prerequisite: A grade of "C" or above in Theater Arts or Advanced Theater Arts or permission of the instructor. (May be repeated for credit.)
Practical hands-on experiences in stagecraft are provided through the preparation and performances of student-directed scenes. Students may be required to attend play rehearsals and performances outside the school day to meet requirements for the course.

Radio/TV/Telecommunications 1-2: Elective. Two semesters. 1 credit per semester.
Prerequisite: Students entering this course MUST be 10th or 11th graders who have at least a B average in core subjects, have completed an application, and have Instructor approval.
This course provides instruction in the fundamentals of television, camera types and operation techniques, characteristics of lenses, studio equipment, audio equipment and use, lighting objective and techniques of TV lighting. Also included are basic script writing, graphics, interviewing, and duties of the producer. Radio/TV 1-2 also includes television techniques, basic techniques and duties in directing, newswriting, and news production; single camera operation for a basic news story; and writing, shooting and editing a basic news story. Students also study Radio and Television history.

Radio/TV/Telecommunications 3-4: Elective. Two semesters. 1 credit per semester.
Prerequisite: This course is open to 11th and 12th graders who have successfully completed Radio/TV 1-2 with at least a B average and have approval from the Instructor.
Through numerous individual and class projects, this course provides students with a more thorough understanding of production techniques and develops better skills in directing, technical directing, selling TV time, and other control skills such as visual effects, video editing, spot production and movie making.

Radio/TV/Telecommunications News Prep: Elective. Two semesters. 1credit per semester
Prerequisite: This course is open to junior and seniors who have at least a B average in previous Radio/TV courses and must have approval from the Instructor.
This course provides students the opportunity to write news scripts, shoot and edit stories, and perform other duties necessary for the production of the daily newscast, CHS Today.

Radio/TV/Telecommunications TV NEWS: Elective. Two semesters. 1 credit per semester
Prerequisite: This course is open to Seniors only who have at least a B average in previous Radio/TV courses and have approval from the Instructor.
TV News provides students the opportunity to study and apply newsgathering techniques and production techniques. Students are responsible for producing the daily newscast CHS Today. Each student will perform every production job during the course.

BEGINNING PHOTOGRAPHY: Grades 10, 11, 12. Elective. One semester. One credit.
Prerequisite: 2D Art passing grade
A one semester class that covers the basics of photography. Topics include the history of photography, famous photographers, operation of a digital camera (including camera settings), composition and framing, sports photography and the basics of Adobe Photoshop. Techniques used to improve photography skills. Students are welcome to use their own cameras or one will be provided.

JOURNALISM: Grades 9, 10, 11, 12. Elective. Two semesters. Two credits.
Prerequisite: Passing English Grade
This class will cover aspects of journalism including history; law; ethics; news, opinion, sports, and feature writing; graphic design; desktop publishing; and photography. First semester will focus mostly on writing and basic computer skills; second semester will concentrate on practical application of skills.

JOURNALISM-CLARION: Grades 9, 10, 11, 12. Elective. Two semesters. Two credits. (May be repeated for credit.)
Prerequisite: Instructor Signature and must of taken Journalism 1 or 2. Plus must have a C or above in English 8/9
Students in this class are responsible for all aspects of publishing the student newspaper. They will establish a production schedule, meet deadlines, interview, write, edit, revise, take photos, design page layouts. Students will also learn and practice teamwork, journalistic ethics, time management, and professionalism.

JOURNALISM-COHISCAN: Grades 9, 10, 11, 12. Elective. Two semesters. Two credits. (May be repeated for credit.)

Prerequisite: Instructor Signature and must of taken Journalism 1 or 2. Plus must have a C or above in English 8/9
Students in this class are responsible for all aspects of funding and publishing the yearbook. Students will be required to sell yearbooks and advertising. They will develop the theme, ladder, and production schedule. They will meet deadlines, interview, write, edit, revise, take photos, design page layouts. Students will also learn and practice salesmanship, long and short-term goal setting, teamwork, journalistic ethics, time management, and professionalism.

LANGUAGE ARTS LAB is for students requiring extra skill development in English/Language Arts. Students are admitted according to department criteria only. Students may repeat this class.

MATHEMATICS

Before choosing mathematics courses, the student should carefully examine the descriptions of these courses. Any questions regarding course selection should be directed to mathematics teachers.

RECOMMENDED COURSES OF STUDY: This chart provides a model on which to build a schedule in mathematics.

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
Geometry ES (8th Grade Alg 1) – College Bound →	Algebra 2 ES →	CollegeAlg/Trig (DC) **OR** Pre-Calc/Trig (ES) →	AP Calc (DC) **OR** AP Stats (ES) **OR** QMR/Finite (DC)
Geometry (8th Grade Alg 1) – Core 40 →	Algebra 2 →	Pre-Calculus/Trig (ES) **OR** AP Stats (ES) →	QMR/Finite (DC) **OR** Bus Math **OR** AP Stats (ES)
Algebra 1 – College Bound →	Geometry ES → Geometry →	Algebra 2 ES → Algebra 2 →	College Alg/Trig (DC) **OR** Pre-Calc/Trig (ES) **OR** AP Stats (ES) **OR** QMR/Finite (DC) CCR Bridge
Algebra 1 (Alg 1 Lab) – Core 40 →	Geometry →	Algebra 2 →	QMR/Finite (DC) **OR** Bus Math **OR** Other Non-Math QR Classes
Algebra 1 →	Math 10 →	Business Math →	Quantitative Reasoning
Algebra 1 – College Bound →	Geometry →	Algebra 2 →	CCR Bridge

ALGEBRA 1 ECA: Grades 10, 11, 12. One semester. One credit.
Prerequisite: Has failed the Algebra 1 ECA.
The course is ONLY for students who still need to pass the Algebra 1 ECA as part of their graduation requirement. The course reviews five critical topics in Algebra 1: relations and functions, linear equations and inequalities, systems of equations and inequalities, properties of exponents and polynomial expressions, and quadratic equations.

QUANTITATIVE MATH REASONING: Grade 12. One semester. One credit. (ECHS)
Prerequisite: Algebra 2, PSAT Score of 46.
Introduces students to the mathematics required for informed citizenship, decision-making, reasoning for evidence, working with real data, and effective communication. Students will solve problems using proportional reasoning, percentages, rate of change, linear and exponential models with applications from statistics and finance.

FINITE MATH: Grade 12. One semester. One credit. (ECHS-Transfer IN 3 credits)
Prerequisites: Geometry and Algebra 2, B average in math, and achieve minimum score in at least 2 categories from the Ivy Tech course placement guidelines.
The course surveys solving and graphing linear equations and inequalities, elementary set theory, matrices and their applications, linear programming, and elementary probability.

Students earn dual credit through Ivy Tech Community College.

ALGEBRA 1: Grades 9, 10, 11, 12. Two semesters. Two credits.
This course is comprised of five critical areas: relations and functions; linear equations and inequalities; quadratic and nonlinear equations; systems of equations and inequalities; polynomial and radical expressions, statistics.

ALGEBRA 2: Grades 10, 11, 12. Two semesters. Two credits.
Prerequisite: Algebra 1/Geometry.
This course explores linear, quadratic, exponential, polynomial, rational, and radical functions; mathematical modeling; solving equations over the set of complex numbers; and solving exponential equations with logarithms. This course can be taken before or after Geometry.

GEOMETRY: Grades 9, 10, 11, 12. Two semesters. Two credits.
Prerequisite: Algebra 1 (Grade 9 – a grade of C or better in 8th grade algebra)
This course is comprised of six critical areas: congruency, similarity, measurement, analytic geometry, circles and polyhedra. This course can be taken before or after Algebra 2.

PRE-CALCULUS/TRIGONOMETRY (ES): Grades 11, 12. Two semesters. Two credits.
Prerequisite: Algebra 2 and Geometry
This course combines material from Pre-Calculus and Trigonometry into one course. Course content includes continued work with functions, complex numbers, polar coordinates and sequences and series. This course provides strong foundations for calculus and higher-level math courses. A graphing calculator is required.

COLLEGE ALGEBRA – ADVANCED MATHEMATICS, COLLEGE CREDIT (EC): Grades 11, 12. One semester. One credit.
Prerequisites: Geometry and Algebra, teacher recommendation, B average in math, and achieve minimum score in at least 2 categories from the Ivy Tech course placement guidelines.
This course presents an in-depth study of functions, quadratic, polynomial, radical, and rational equations, radicals, complex numbers, systems of equations, matrices, rational functions and exponential/logarithmic functions. This course paired with Trigonometric Functions will be taken in place of Pre-Calculus/Trigonometry. These courses are designed for students who will be taking Calculus during their senior year or their first year of college.
Students earn dual credit through Ivy Tech Community College.

MATH 10: Grades 10, 11. Two Semesters. Two Credits. (Math credit only for General Diploma/Elective Credit for CORE 40.)
Prerequisites: Attempted a complete year of Algebra 1.
This course is designed to reinforce and elevate Algebra 1 and 7th and 8th grade mathematics knowledge and skills necessary to successfully complete high school mathematic courses beyond Algebra 1 and essential for passing the state graduation qualifying exam in mathematics.

CCR BRIDGE: Math Ready: Grade 12. Two Semesters. Two Credits. (Counts as math credit for all diploma tracks.)
Prerequisites: Geometry and Algebra 2. PSAT math score less than 45.
This course will include and reinforce the Algebra 1, Geometry, Algebra 2 and Statistics skills necessary to be ready for an entry-level college math course. The course will include an emphasis understanding of math concepts and the WHY behind the procedures to equip students with higher-order thinking skills in order to apply math skills, functions and concepts in different situations. It is NOT designed to prepare students for college-level STEM majors.

TRIGONOMETRIC FUNCTIONS – ADVANCED MATHEMATICS, COLLEGE CREDIT (EC): Grades 11, 12. One semester. One credit.
Prerequisites: College Algebra, teacher recommendation, B average in math, and achieve minimum score in at least 2 categories from the Ivy Tech course placement guidelines.
This course presents an in depth study of right triangle trigonometry, oblique triangles, vectors, graphs of trigonometric functions, trigonometric identities and equations and complex numbers in rectangular and polar/trigonometric forms, rectangular and polar coordinates and conics. This course paired with College Algebra will be taken in place of Pre-Calculus/Trigonometry. These courses are designed for students who will be taking Calculus during their senior year or first year of college.
Students earn dual credit through Ivy Tech Community College

STATISTICS, ADVANCED PLACEMENT (ES): Grade 11, 12. Two semesters. Two credits.
Prerequisite: Algebra 2, teacher recommendation, B average in math, and a combined PSAT verbal/math score of 100.
The major concepts in this course are collecting, analyzing and drawing conclusions from data, conducting studies, probability, statistical inference, and testing hypotheses. This course should be considered by students who will attend college but will not need a background in Calculus. A graphing calculator is required.

ADVANCED PLACEMENT CALCULUS (ES): Grade 12. Two semesters. Two credits.
Prerequisite: Passing grade in College Algebra/Trigonometric Functions or Pre-Calculus/Trigonometry, teacher recommendation, B average in math, and minimum Accuplacer score.
The content of this course has been established by the Advanced Placement College Board. Course topics include: functions, graphs, limits, derivatives and integrals. A graphing calculator is required.

ALGEBRA 1 LAB: Grades 9-12. One semester. One credit.
Algebra Enrichment combines standards from Algebra 1 with foundational standards from the middle grades. Algebra Enrichment is designed as a support course for Algebra 1. As such, a student taking Algebra 1 Lab must also be enrolled in Algebra 1 during the same academic year.

PERFORMING ARTS

INTERMEDIATE GIRLS' CHORUS: Grades 9, 10, 11, 12. Elective. Two semesters. Two credits.
This course will provide a basic knowledge of styles of sacred and secular vocal music, along with singing techniques. Rehearsals and performances will occur during and after school hours. Attendance is required at all rehearsals and performances. (There may be minimal expenses for trips and costumes.) Students who do not meet class expectations may be eliminated from the class at the end of the semester.

VOCAL JAZZ ENSEMBLE: Grades 10, 11, 12. Elective. Two semesters. Two credits.
Prerequisite: Audition yearly and permission of instructor.
Vocal Jazz Ensemble members receive in-depth, first-hand experience in all aspects of the art of entertainment including choreography, musicianship, and showmanship. Candidates must be in excellent physical condition. Attendance is required at all performances and rehearsals. Members will be expected to attend a two-day weekend clinic in the fall. (Cost of this clinic will be $25 or less.)

ADVANCED TREBLE CHORUS (Girls Only): Grades 9, 10, 11, 12. Elective. Two semesters. Two credits.
Prerequisite: Consent of the instructor.
Auditions will be held in the spring for the following year. Advanced Chorus will include sight-singing skills, advanced vocal techniques, and contrasting styles of musical literature representing various periods of music. Attendance at all rehearsals, performances and contests is required. (Robes and outfits will be supplied by the school; however, minimal expenses for trips may occur.) Students who do not meet class expectations may be eliminated from the class at the end of the semester.

CHS MEN'S CHORUS: Grades 9, 10, 11, 12. Elective. Two semesters. Two credits.
This advanced mixed choir is open to any student by audition. The emphasis of this course is advanced acappella repertoire including madrigals, contest selections and other literature from various periods of music. Attendance is required at all rehearsals, contests, and performances. (There may be minimal expenses for trips and costumes)

PIANO/ELEC KEYBOARD: Grades 9, 10, 11, 12. Elective. One semester. One credit. **Class can be repeated for credit.**
Piano/Elec Keyboard is designed to teach the concepts and fundamentals needed to perform on the piano. It will increase musical understanding beyond just reading notes by teaching students a vocabulary of chords and keys, accompaniment patterns, and improvisational techniques. No prior piano skills are necessary.

ADVANCED CONCERT BAND: Grades 9, 10, 11, 12. Elective. 1 credit per semester.
This course includes marching band, concert band, and pep band. Students will refine the fundamentals learned and work to increase the precision and general effect of marching shows and concerts through mastery of the fundamentals. Attendance at Band Camp, basketball games, all rehearsals, and other scheduled performances is required.

CONCERT BAND: Grades 9, 10, 11, 12. Elective. 1 credit per semester.
This course is for those individuals who do not wish to march in the Fall Semester. It consists of performing in a concert band setting as well as basketball games. Students will refine the fundamentals learned and work to increase their knowledge of musical concepts. Attendance at all rehearsals, basketball games, and other scheduled performances is required.

MUSIC THEORY & COMPOSITION: Grades 9, 10, 11, 12. Elective. One semester. One credit.
Prerequisite: Music reading skills.
This course provides a study of the basics of music melody, harmony, rhythm, pitch recognition, and elementary part-writing.

MUSIC HISTORY & APPRECIATION: Grades 9, 10, 11, 12. Elective. One semester. One credit.
This course is designed for students who are interested in studying music but do not wish to perform. Different kinds, styles, and periods of music will be studied.
Three transferable college credit hours are available from Ivy Tech Community College after meeting testing requirements.

PHYSICAL EDUCATION & HEALTH

One semester of Health is required for graduation. Two semesters of Physical Education are required for graduation. Students will complete this requirement in grade 9 or grade 10.

PHYSICAL EDUCATION: Grades 9, 10. Required. Two semesters. Two credits.
The course includes orientation in physical education, physical fitness, and individual team activities. Student evaluation will consist of a participation grade, knowledge tests, skills tests, and testing for the President's Challenge from the President's Council on Physical Fitness and Sports. Activities include badminton, physical conditioning, tennis, volleyball, cardiovascular fitness, swimming and archery.

ELECTIVE PHYSICAL EDUCATION-ADVANCED PHYSICAL CONDITIONING: Grades 10, 11, 12. Elective. One semester. One credit.
This class can be repeated for credit.
Prerequisite: Must have one year of Physical Education and permission from the instructor.
A course in A.P.C. will include an intense high-level program to improve flexibility, strength, power, speed, quickness and agility. The emphasis of the course work is on developing proper and safe techniques of lifting weights to gain the maximum performance level. Students will chart their progress and will be evaluated by the instructor while in the weight room.

HEALTH EDUCATION: Grades 10, 11, 12. Required. One semester. One credit.
Health will provide the basic knowledge, concepts, and skills to develop a healthy attitude and make good decisions regarding interpersonal relationships.

ADVANCED HEALTH, FIRST AID & CPR: Grades 10, 11, 12. Elective. One semester. One credit.
Prerequisite: Age 15.
This is not a basic class as some people might take in one 4-hour class at night. Rather, this class prepares the student for most first aid situations. A lot of time will be spent on choking, rescue breathing, CPR, bleeding, shock, spinal injuries, poisons, and stroke first aid. This is a class that can save lives and help any student interested in the medical field.
LIFETIME SPORTS: Grades 10, 11, 12. Elective. One semester. One credit.
This class can be repeated for credit.
Prerequisite: Must have a full year of Physical Education with a B or above and teacher recommendation.
The class will include sports like basketball, swimming, volleyball, soccer and various other sports.

SCIENCE

INTEGRATED CHEMISTRY/PHYSICS (ICP) 1-2: Grade 9. Elective. Two semesters. Two credits.
This lab-based course explores fundamental chemistry and physics principles. It may be used as an introduction to Chemistry or Physics or as a Core 40 diploma Physical Science requirement.

BIOLOGY 1-2 IS REQUIRED TO GRADUATE.
The State Dept. of Education states that a student must include credits from more than one of the three major science discipline categories—Life Sciences (biology, anatomy, physiology), Physical Sciences (chemistry, physics, ICP, etc.), and Earth/Space Science. In other words, a student may NOT take all life science courses to complete his/her 6 semesters of science.

BIOLOGY 1-2: Grade 10. Two semesters. Two credits. **BIOLOGY 1-2 IS REQUIRED TO GRADUATE**.
Biology 1-2 will focus on developing a basic understanding of Biology. Topics will include basic cell biology, genetics, natural selection, classification and ecology.

PRE-AP BIOLOGY 1-2: (ES) Grade 9,10. Two semesters. Two credits.
Prerequisite: Recommendation of 8th grade science teacher or ICP teacher
Biology 1-2 ES will focus on the same concepts as Biology 1, 2 but at a more rigorous pace. Requires more written work and study outside class in order to prepare students for college course work.

BIOLOGY EARLY COLLEGE 1-2 (EC) /BIOL 105: Grades 11, 12. Two semesters. Two credits.
Prerequisite: Biology 1-2, Chemistry 1-2 and recommendation of instructor.
This dual credit course is the equivalent of a college freshmen majors course and will stress science as a process, the nature of scientific inquiry, and the unifying themes that integrate the major themes in biology.
Five transferable college credit hours are available from Ivy Tech Community College after meeting testing requirements.

HUMAN ANATOMY AND PHYSIOLOGY 1-2: Grades 11, 12. Elective. Two semesters. Two credits. Dual Credit
Prerequisite: Biology 1-2 with a grade of B- or higher.
Human Physiology will focus on the study of the systems of the human body and their relationships to one another.

CHEMISTRY 1-2: (ES)/CHEM 101 Grades 10, 11, 12. Elective. Two semesters. Two credits.
Prerequisite: At least a B in Biology 1-2, at least a C in Algebra or Geometry.
Chemistry 1, 2 is an introductory course which explores and analyzes the structure, functionality, and interactions of matter through rigorous coursework and laboratory analysis. Three transferrable college credit hours are available from Ivy Tech Community College after meeting testing requirements.

CHEMISTRY CHEM 105 3-4 (EC): Grades 11, 12. Elective. Two semesters. Two credits.
Prerequisite: At least a B in Chemistry 1-2 and recommendation of instructor.
Chemistry 105 is an advanced chemistry course that follows the curriculum of the first semester of "Principles of Chemistry" (C105/C125) at Ivy Tech Community College.
It is a dual credit course and students may opt to take the course for 5 credit hours through Ivy Tech.

CHEMISTRY CHEM 106 1-2 (EC): Grade 12. Elective. Two semesters. Two credits.
Prerequisite: Chemistry 105. Course offered only when enrollment permits.
Chemistry 106 is an advanced chemistry course that follows the curriculum of the second semester of "Quantitative Chemistry" (C106/C126) at Indiana University.
It is a dual credit course and students may opt to take the course for 5 credit hours through Ivy Tech.

ENVIRONMENTAL SCIENCE: Grade 10, 11, 12. Elective. Two semesters. Two credits.
Prerequisite: Biology 1-2.
The importance of humans concerning the balance versus the imbalance of the environment will be the focus.

PHYSICS 1-2 (ES): Grades 11, 12. Elective. Two semesters. Two credits.
Prerequisite: At least a B in Algebra and Geometry.
Physics 1-2 will provide an opportunity for extended laboratory and literature investigations of physical phenomena. This course is a study of matter and energy and their transformations. Practical applications of concepts of science and explanation of natural phenomena are reviewed.

PHYSICS 1-2 (EC)/PHYS 101: Grades 11, 12. Elective. Two semesters. Two credits.
Prerequisite: Physics 1-2, recommendation of instructor, and Math 137 Trigonometry. Course offered only when enrollment permits.
Physics 101 is an advanced physics course that follows the Ivy Tech curriculum for Physics 101. Students may take the AP exam at the end of this course.
It is a dual credit course and students may opt to take it for credit hours through Ivy Tech.

EARTH/SPACE SCIENCE 1-2: Grades 10, 11, 12. Elective. Two semesters. Two credits.
Prerequisite: Biology 1-2.
Emphasis will be placed on the sciences of geology, meteorology, astronomy, oceanography, and environmental science. The course will present the basic tenets of each discipline with a hands-on approach.

Advanced Life Science, Animals: Grades 11, 12. **Core 40/ Academic Honors Science Course** Two semesters. Two credits. **(Dual Credit) Ivy Tech.**
Prerequisite: Full year of Biology and Chemistry or ICP (REQUIRE FFA MEMBERSHIP)
This course is a standards-based, interdisciplinary science course that integrates biology, chemistry, and microbiology in an agricultural context. . Students enrolled in this course formulate, design, and carry out animal- based laboratory and field investigations as an essential course component. Students investigate key concepts that enable them to understand animal growth, development and physiology as it pertains to agricultural science. This course stresses the unifying themes of both biology and chemistry as students work with concepts associated with animal taxonomy, life at the cellular level, organ systems, genetics, evolution, ecology, and historical and current issues in animal agriculture. Students completing this course will be able to apply the principles of scientific inquiry to solve problems related to biology and chemistry in highly advanced agricultural applications of animal development.

Advanced Life Science, Plants: Grades 11, 12. **Core 40/ Academic Honors Science Course** Two semesters. Two credits. **(Dual Credit) Ivy Tech.**
Prerequisite: Full year of Biology and Chemistry or ICP (REQUIRE FFA MEMBERSHIP)
This is a two semester course that provides students with opportunities to participate in a variety of activities including laboratory work. Students study concepts, principles, and theories associated with plants and soils. Knowledge gained enables them to better understand the workings of agricultural and horticultural practices. They recognize how plants are classified, grow, function, and reproduce. Students explore plant genetics and the use of plants by humans. They examine plant evolution and the role of plants in ecology. Students investigate, through laboratories and fieldwork, how plants function and how soil influences

SOCIAL STUDIES

WORLD HISTORY & CIVILIZATION 1-2: (ES) Grades 9, 10, 11, 12. Two semesters. Two credits.
World History is a study of the people, cultures, and events that have influenced our past and have helped to shape the future. This course is geared to the college-bound student.

GEOGRAPHY AND HISTORY OF THE WORLD 1-2: Grades 9, 10. Two semesters. Two credits
In Geography and History of the World, specific geographic and historical skills are used to explore global themes.

THE JUNIOR U.S. HISTORY REQUIREMENT CAN BE MET BY TAKING ONE OF THE FOLLOWING CLASSES:

U.S. HISTORY 1-2: Grade 11. Two semesters. Two credits. Required.
U.S. History is a study of the historical events and influences upon the national development of this land. Concentration is placed on the time from Reconstruction to the present.

UNITED STATES HISTORY ADVANCED PLACEMENT 1-2: (ES) Grade 11 ONLY. Two semesters. Two credits.
Must take the AP History exam as a requirement for Academic Honors Diploma or for dual credit.
A.P. History is a college-level course that covers American history from discovery to current times and is designed to prepare students to take the AP examination in the spring. Requires college level reading and advanced vocabulary.
Dual credit is available through Ivy Tech Community College

THE SENIOR SOCIAL STUDIES REQUIREMENT CAN BE MET BY TAKING U.S. GOVERNMENT (REQUIRED) AND ECONOMICS.

U.S. GOVERNMENT: Grade 12. One semester. One credit**.**
U.S. Government is the study of our Constitution with an emphasis on principles and origin of government, the U.S. Constitution and Federalism, political behavior and citizenship, civil liberties and the courts, the Congress and the Presidency.

ECONOMICS: Grade 11, 12. One semester. One credit.
Economics, the study of economic concepts, analyzes the process, events, and institutions of our national and international economy.

THE FOLLOWING ARE SOCIAL STUDIES ELECTIVES:

CURRENT PROBLEMS, ISSUES AND EVENTS 1-2: Grades 11, 12. Two semesters. Two credits. Elective.
Current Events is the study of significant daily issues in an investigative approach. This class can be taken either semester and can be repeated.

PSYCHOLOGY (EC): Grade 11, 12. One semester. One credit. Elective.
Psychology is the scientific study of mental processes and behavior. As an ECHS course, objectives focus on history/scientific method, biological basis of behavior, development, cognition, personality/assessment/stress, abnormal psychology, socio-cultural dimensions of behavior, and psychological thinking.

SOCIOLOGY: Grade 11, 12. One semester. One credit. Elective.
Sociology is the study of group behavior and social relationships. Institutions such as the family and religious, political, and community groups will be studied.

SPECIAL EDUCATION

CFSS (Centerville Fayette Special Services) Special Services for Exceptional Learners provides services at Connersville High School for students with a variety of diagnosed disabilities. These services are provided within the student's home school in Fayette and Centerville-Abington school corporations. Following a referral for an evaluation, admission into these programs is decided by a case conference committee.

PEER TUTORING: Grades 10,11, 12. Elective. A one or two credit course. **Students will not earn a letter grade. Students will receive a pass/fail credit not calculated into their GPA.**

Prerequisite: 2.0 GPA, passed ECA, approval by teacher.

Peer tutoring provides students with an experience to assist students with special needs through a helping relationship with their studies and personal growth and development. The course also provides opportunities for students to develop a basic understanding of individual differences and to explore career options in related fields.

ENGINEERING AND TECHNOLOGY

INTRODUCTION TO CONSTRUCTION: Grades 9, 10, 11, 12. Elective. **Two** semesters. Two credits.

Prerequisite: Must pass 1st semester to enter into 2nd semester. Lab fee's required. Class is limited to 24 students/class.

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, civil engineering & architectural applied math, basic tools and equipment, and safety. Students will demonstrate building construction techniques, including concrete and masonry, framing, electrical, plumbing, dry walling, and HVAC as developed locally in accordance with available space and technologies. Students learn how architectural ideas are converted into projects and how projects are managed during a construction project in this course. Students study construction technology topics such as preparing a site, doing earthwork, setting footings and foundations, building the superstructure, enclosing the structure, installing systems, finishing the structure, and completing the site. Students also investigate topics related to the purchasing and maintenance of structures, special purpose facilities, green construction and construction careers.

INTRODUCTION TO MANUFACTURING: Grades 9, 10, 11, 12. Elective. **Two** semesters. Two credits.

Prerequisite: Must pass 1st semester to enter into 2nd semester. Lab fee's required. Class is limited to 24 students/class.

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 and 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. 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.

INTRODUCTION TO ADVANCED MANUFACTURING AND LOGISTICS: Grades 10, 11, 12. One credit per semester. 2 semesters maximum. 2 credits maximum, **6 Dual Credit and up to 3 certificates. Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diploma.**

Prerequisites: Credit in one of the following courses: Introduction to Engineering and Design (IED) or Introduction to Manufacturing. Must have a grade point average (GPA) of 2.0 or higher.

This is a course that specializes in how people use modern manufacturing and logistics systems and their relationship to society, individuals, and the environment. Students apply the skills and knowledge of using modern manufacturing processes to obtain resources and change them into industrial materials, and products. Students investigate the properties of engineered materials while studying six major types of material processes. Students are introduced to advanced manufacturing, logistics, and business principles that are utilized in today's advanced manufacturing industry. Students gain a basic understanding of tooling, electrical skills, operation skills, inventory principles, MSDS's, chart and graph reading and MSSC concepts. There is also an emphasis placed on the flow process principles, material movement, safety, and related business operations. Students have the opportunity to develop the characteristics employers seek as well as skills that will help them in future endeavors.

Dual credit is available with Ivy Tech Community College. Early College High School (ECHS) Students can earn up to 9 dual credits plus 3 Industrial Certifications.

ADVANCED MANUFACTURING I: Grades 11, 12. 1-3 credits per semester, 3- 9 Dual credits and 2 certificates.

Counts as a Directed Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diploma. This course is aligned with postsecondary courses for Dual Credit.

Prerequisites: Introduction to Advanced Manufacturing.
This is a course that includes two broad areas: Industrial Manufacturing Trends and Technology/Software Controls. Manufacturing Trends covers basic concepts in manufacturing operations and plant floor layout in the production environment. Applications of Computer Numerical Control (CNC) 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. 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. Industrial Technology and Software Controls covers wiring and schematic diagrams. Course content will include basic theories of electricity, electronics, digital technology, and basic circuit analysis. Understanding and using the underlying scientific principles related to electricity, electronics, circuits, sine waves, and Ohm's Law are integral to this course. This course includes MSSC concepts required to earn MSSC certification.
Dual credit is available with Ivy Tech Community College. Early College High School (ECHS). Students can earn 6 dual credits plus 2 Industrial Certifications.

PROJECT LEAD THE WAY (PLTW)
FRESHMAN CAN EARN COLLEGE CREDIT
COURSE # 1: GIRLS ONLY INTRODUCTION TO ENGINEERING DESIGN: Grade 9, 10, 11, 12. Elective. Two semesters. Two credits. **Dual Credit**
Introduction to Engineering and Design is a course which develops student problem solving skills using the design process. Recent studies show that girls are more likely to participate and excel in stem courses if they develop a comfort level and confidence that they can succeed in the fields of engineering and design. Girl only classes are showing higher achievement levels and retention into the STEM areas. Students in this class will develop solutions using elements and principle of designs. They develop hand sketches using 2D and 3D drawing techniques and using state of the Art computer 3D software allowing to open up the world of 3D printing, Laser cutting, and CNC machining. **Dual credit is available with Ivy Tech Community College. Must have a credit in Algebra 1 or grade point average (GPA) of 2.0 or higher.**

FRESHMAN CAN EARN COLLEGE CREDIT
COURSE # 2: INTRODUCTION TO ENGINEERING DESIGN: Grade 9, 10, 11, 12. Elective. Two semesters. Two credits. **Dual Credit**
Introduction to Engineering and Design is a course which develops student problem solving skills using the design process. Students in this class will develop solutions using elements and principle of designs. They develop hand sketches using 2D and 3D drawing techniques and using state of the Art computer 3D software allowing to open up the world of 3D printing, Laser cutting, and CNC machining. FRESHMAN CAN EARN COLLEGE CREDIT
Dual credit is available with Ivy Tech Community College. Must have a credit in Algebra 1 or grade point average (GPA) of 2.0 or higher.

COURSE # 2: PRINCIPLES OF ENGINEERING: Grade 10, 11, 12. Elective. Two Semesters. Two credits. **Dual Credit**
Prerequisite: Pass Introduction to Engineering with a C- or higher.
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 computer coding in developing and presenting solutions to engineering problems.
Dual credit is available with Ivy Tech Community College. Principle of Engineering (POE) is also a Quantitative Math Reasoning course.

WHITEWATER CAREER CENTER

All WCC programs can satisfy six credits of Electives in Core 40 Diploma. These programs can also satisfy the bolded items below of the Core 40 with Technical Honors Diploma. 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:**
    - **State approved, industry recognized certification or credential, or**
    - **Pathway dual credits from the approved dual credit list resulting in 6 transcripted 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, and Math – 75.
    D. Earn the following minimum score(s) on Compass: Algebra – 66, Writing – 70, and Reading – 80.

For more information on each career program offered at WCC, go to www.whitewatercareercenter.org.
The information provided below is subject to change as requirements from postsecondary institutions and credentialing organizations change.

AUTO COLLISION TECHNOLOGY I: Grades 11, 12. Elective. Two semesters. Six credits.
AUTO COLLISION TECHNOLOGY II: Grade 12. Elective. Two semesters. Six credits. Automotive Collision Technology I required.
Automotive Collision Technology students have both classroom and laboratory experiences in all phases of the body repair process. Students examine the characteristics of body metals including the installation of moldings, ornaments, and fasteners with an emphasis on sheet metal analysis and safety. Students also study measurement principles, computerized frame diagnosis, computerized color mixing, and estimation of repair costs. Both personal and environmental safety is stressed following OSHA standards.

Vincennes University Dual Credit available over two years:
AUTO 105 Transportation Fundamentals (2 credits)
BODY 100 Non-Structural Analysis & Damage Repair (3 credits)
BODY 100L Non-Structural Analysis & Damage Repair Lab (4 credits)
BODY 150 Painting & Refinishing (3 credits)
BODY 150L Painting & Refinishing Lab (4 credits)

Industry Certification available for two-year students:
ASE (National Institute for Automotive Service Excellence) certifications

AUTO SERVICE TECHNOLOGY I: Grades 11, 12. Elective. Two semesters. Six credits.
AUTO SERVICE TECHNOLOGY II: Grade 12. Elective. Two semesters. Six credits. Automotive Technology I required.
Students in Automotive Technology learn to maintain and repair all types of vehicles. Students learn about steering and suspension, braking systems, manual transmissions and differentials, automatic transmissions, air conditioning, and engine repair. Mathematical skills will be reinforced through precision measuring activities and cost estimation/calculation activities. Scientific principles taught and reinforced in this program include the study of viscosity, friction, thermal expansion, and compound solutions. Written and oral skills will also be emphasized to help students communicate with customers, students, and teachers. This program is NATEF (National Automotive Technicians Education Foundation) certified.

Ivy Tech Dual Credit available over two years:
AUTI 100 Basic Automotive Service (3 credits)
AUTI 141 Engine Fundamentals & Repair (3 credits)
AUTI 111 Electrical Systems I (3 credits)
AUTI 121 Brake Systems (3 credits)
AUTI 122 Steering & Suspension Systems (3 credits)

Industry Certification available for two-year students:
ASE (National Institute for Automotive Service Excellence) certifications

CONSTRUCTION TECHNOLOGY I: Grades 11, 12. Elective. Two semesters. Six credits.
CONSTRUCTION TECHNOLOGY II: Grade 12. Elective. Two semesters. Six credits. Construction Technology I required.
Construction Technology focuses on classroom and lab experiences involving the formation, installation, maintenance, and repair of buildings, homes, and other structures. A history of construction, with an emphasis on future trends and career options, is also covered. This program provides instruction in reading technical drawings and transforming those drawings into physical structures. The relationship of views and details, interpretation of dimension, transposing scale, tolerance, electrical symbols, sections, materials list, architectural plans, geometric construction, three dimensional drawing techniques, and sketching are presented as well as elementary aspects of residential design and site work. Students examine the design and construction of floor and wall systems and develop layout and floor construction skills. Blueprints and other professional planning documents are also covered. Students will develop an understanding and interpretation of the Indiana Residential Code for one and two-family dwellings and safety practices including Occupational Safety and Health Administration's Safety & Health Standards for the construction industry. Many projects are completed in teams working with Electricity students.

Ivy Tech Dual Credit available over two years:
CONT 101 Introduction to Construction Technology (3 credits)
CONT 102 Construction Materials (3 credits)
BCOT 104 Floor and Wall Layout and Construction (3 credits)
BCOT 105 Roof Construction (3 credits)
BCOT 113 Interior Finishes (3 credits)
BCOT 114 Exterior Finishes (3 credits)

Industry Certification available for two-year students:
HBI (Home Builders Institute) Carpentry Basic certifications

QR:
Construction Technology II satisfies the "Mathematics or quantitative reasoning course" in each year of high school requirement for the CORE 40, AHD, and THD diplomas.

COSMETOLOGY I: Grade 11. Elective. Two semesters. Eight credits.
COSMETOLOGY II: Grade 12. Elective. Two semesters. Eight credits. Cosmetology I required.
Students complete 1500 hours of instruction over two school years to meet licensure requirements by the Indiana State Board of Cosmetology. Students who complete the requirements are prepared to take the state licensing examination. Students must attend Cosmetology I and II to accumulate the hours required, and students must be 18 years old to take the examination. Students demonstrate proficiency in roller control, quick styling, shampooing, hair coloring, permanent waving, facials, manicuring, business and personal ethics, bacteriology, and sanitation. Students must attend summer sessions to complete the required hours.

Vincennes Dual Credits available over two years:
COSM 100 Cosmetology I (7 credits)
COSM 150 Cosmetology II (7 credits)
COSM 200 Cosmetology III (7 credits)
COSM 250 Cosmetology IV (9 credits)

Industry Certification available for two-year students:
Indiana State Board of Cosmetology License

CULINARY ARTS I: Grades 11, 12. Elective. Two semesters. Six credits.
CULINARY ARTS II: Grade 12. Elective. Two semesters. Six credits. Culinary Arts I required.
A variety of opportunities and experiences are used to expose students to the areas of culinary arts and hospitality management. Students gain experience in food safety and personal hygiene; sanitation and safety; regulations, procedures, and emergencies; food storage; basic culinary skills; culinary math; food preparation techniques; menu planning; food cost; use of tools and equipment; and serving. Students showcase their skills when preparing and serving food for events and functions throughout the school year and when operating the WCC "Class Act" restaurant. Intensive laboratory experiences with commercial applications are a required component of this program.

Industry Certifications available:
ProStart National Certificate of Achievement Year I
ProStart National Certificate of Achievement Year II

DIESEL TECHNOLOGY I: Grades 11, 12. Elective. Two semesters. Six credits.
DIESEL TECHNOLOGY II: Grade 12. Elective. Two semesters. Six credits. Diesel Technology I required.
Students learn engine operating principles and theories as well as diesel-fuel systems. The program is designed to provide hands-on training related to diesel engines in tractor trailers, electric generators, farm and construction equipment, diesel-fueled cars and trucks. Topics covered include inspection, troubleshooting, overhaul, and engine replacement procedures. The typical school day is divided between classroom and laboratory experiences concerned with all phases of repair work. Instruction and practice is provided in the diagnostics and repair of engines. The use of technical manuals, hand and power tools, and testing and diagnostic equipment is also studied in the program.

Vincennes University Dual Credit available over two years:
DESL 130 Diesel Engine Systems (3 credits)
DESL/L 130 Diesel Engine System Lab (3 credits)

Industry Certification available for two-year students:
ASE (National Institute for Automotive Service Excellence) certifications

QR:
Diesel Technology II satisfies the "Mathematics or quantitative reasoning course" in each year of high school requirement for the CORE 40, AHD, and THD diplomas.

EDUCATION CAREERS I: Grades 11, 12. Two semesters. Six credits.
EDUCATION CAREERS II: Grade 12. Two semesters. Six credits. Education Careers I required.
Education Careers provides the foundation for employment in education and related careers and for study in higher education. The program uses an active learning approach that utilizes higher order thinking, communication, leadership, and management processes to study education and related careers. Topics include: the teaching profession, the learner and the learning process, planning instruction, learning environment, and instructional and assessment strategies. Students will explore teaching through field experiences in local classrooms, preschools, and other education settings. Students are monitored and evaluated during their field experiences.

Ivy Tech Dual Credits available over two years:
EDUC 101 Introduction to Teaching (3 credits)

Industry Certifications available for two-year students:
Education Fundamentals Certification (Pre-PAC)

ELECTRICITY I: Grades 11, 12. Elective. Two semesters. Six credits.
ELECTRICITY II: Grade 12. Elective. Two semesters. Six credits. Electricity I required.
Electricity includes classroom and laboratory experiences focused on the installation and repair of the electrical and wiring systems of physical structures. This program includes instruction on the reading of technical drawings and their application in construction processes. Topics include the relationship between views and details, interpretation of dimension, transposing scale, tolerance, electrical symbols, sections, material lists, architectural plans, room schedules, and plot plans. Mathematical principles are used to solve electrical problems, including both AC and DC circuits. Students learn about electron theory, Ohm's Law, Watt's Law, Kirchoff's Law, series circuits, series-parallel circuits, electromagnetic induction, current, voltage, resistance, power, inductance, capacitance, and transformers and apply what they have learned to projects in the classroom and in the field. Many projects are completed in teams working with Construction Technology students.

Ivy Tech Dual Credits available over two years:
CONT 127 Electrical Basics (3 credits)
BCOT 129 Residential Wiring (3 credits)

Industry Certifications available for two-year students:
HBI (Home Builders Institute) Wiring Basic certification

QR:
Electricity II satisfies the "Mathematics or quantitative reasoning course" in each year of high school requirement for the CORE 40, AHD, and THD diplomas.

GRAPHIC DESIGN I: Grades 11, 12. Elective. Two semesters. Six Credits.
GRAPHIC DESIGN II: Grade 12. Elective. Two semesters. Six Credits. Graphic Design I required.
Graphic Design students plan, create, and analyze visual solutions to a variety of real world communication challenges. They combine imagery and visual text to effectively deliver messages for a variety of purposes, including advertising, displays, promotional materials, and instructional manuals. They are able to create strong page layout compositions using the foundation principles of design, color theory, and typography. Communication skills are emphasized through the study of effective methods used to design commercial products that impart information and ideas and through group critiques. Students gain experience in Creative Suite 6 industry standard software, including Adobe InDesign, Illustrator, and Photoshop. Students are expected to be comfortable working on a computer.

Vincennes University Dual Credits available over two years:
DESN 120 Computer Illustration (3 credits)
DESN 140 Computer Imaging (3 credits)
DESN 155 Computer Page Layout (3 credits)

Industry Certification available for two-year students:
Adobe certification

HEALTH SCIENCE I: Grades 11, 12. Elective. Two semesters. Six credits.
HEALTH SCIENCE II: Grade 12. Elective. Two semesters. Six credits. Health Science I required.
Health Science students study topics such as human anatomy and physiology, medical terminology, medical ethics, CPR, and practical skills applicable to all health-related occupations. Job shadow experiences are completed at local health care facilities throughout one semester of year one of the program. Job seeking and job maintenance skills, personal management skills, and self-analysis to aid in career selection are also included in year one. Health Science II is an extended laboratory experience at a 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, 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 is an interactive course that provides opportunities for students to gain an understanding of health care services as they relate to individuals, families, communities, nation, and the world.

Ivy Tech Dual Credits available over two years:
HLHS 100 Introduction to Health Careers (3 credits)
HLHS 101 Medical Terminology (3 credits)
HLHS 111 Health and Wellness for Life (3 credits)

Industry Certifications available to two-year students:
CNA (Indiana State Certified Nursing Assistant) certification
Pharmacy Technician certification

INFORMATION TECHNOLOGY I: Grades 11, 12. Elective. Two semesters. Six credits.
INFORMATION TECHNOLOGY II: Grade 12. Elective. Two semesters. Six credits. Information Technology I required.
Information Technology 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. During year two, students learn the concepts of local and wide area networks, home networking, networking standards using the IEEE/OSI model, network protocols, transmission media, and network architecture/topologies. Security and data integrity will be introduced and emphasized throughout this program. The purpose of this program is to offer students the critical information needed to successfully move into a role as an IT professional supporting networked computers.

Vincennes Dual Credits available over two years:
CMET 140 Computer Maintenance I (3 credits)
CMET 185 Computer Maintenance II (3 credits)

Ivy Tech Dual Credits available over two years:
INFM 109 Informatics Fundamentals (3 credits)
ITSP 135 Hardware/Software Support (4 credits)
NETI 105 Networking Fundamentals (3 credits)

Industry Certifications available for two-year students:
A+ certification
Network+ certification
Microsoft Technology Associate (MTA)

PRECISION MACHINE TECHNOLOGY I: Grades 11, 12. Elective. Two semesters. Six credits.
PRECISION MACHINE TECHNOLOGY II: Grade 12. Elective. Two semesters. Six credits. Precision Machine Technology I required.
Precision Machining is designed to provide students with a basic understanding of the precision machining processes used in industry, manufacturing, maintenance, and repair. The program provides instruction and laboratory experience in industrial safety, terminology, tools and machine tools, measurement, and layout. Students will become familiar with print reading and with the setup and operation of power saws, drill presses, lathes, milling machines, grinders. Students will also be exposed to an introduction to CNC (computer controlled) machines.

Vincennes Dual Credits available over two years:
PMTD 110 Manufacturing Processes (2 credits)
PMTD 110L Manufacturing Processes Lab (1 credit)
PMTD 120 General Machines (6 credits)

Ivy Tech Dual Credits available over two years:
MTTC 102 Turning Processes I (3 credits)
MTTC 103 Milling Processes I (3 credits)
MTTC 105 Abrasive Processes I (3 credits)
MTTC 110 Turning and Milling Processes I (3 credits)

Industry Certification for two-year students:
NIMS (National Institute for Metalworking Skills) certifications

QR:
Precision Machining I and II satisfy the "Mathematics or quantitative reasoning course" in each year of high school requirement for the CORE 40, AHD, and THD diplomas.

WELDING TECHNOLOGY I: Grades 11, 12. Elective. Two semesters. Six credits**.**
WELDING TECHNOLOGY I: Grade 12. Elective. Two semesters. Six credits**.** Welding Technology I required.
Welding Technology includes classroom and laboratory experiences that develop a variety of skills in oxy-fuel cutting and shielded metal arc welding. OSHA standards and guidelines endorsed by the American Welding Society (AWS) are used to enforce safety at all times. Instructional activities emphasize properties of metals, safety issues, print 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.

Ivy Tech Dual Credits available over two years:
INDT 114 Introduction to Welding (3 credits)
WELD 100 Welding Processes (3 credits)
WELD 108 Shielded Metal Arc Welding I (3 credits)
WELD 109 Oxy-Fuel Gas Welding & Cutting (3 credits)
WELD 207 Gas Metal Arc Welding (3 credits)

Industry Certification available for two-year students:
AWS (American Welding Society) Sense Level 1 certification

INTERDISCIPLINARY COOPERATIVE EDUCATION (ICE): Grade 12. Elective. Two semesters. Six credits.
This is a program designed for students to enhance their job skills on the job, work a minimum of 15 hours per week in a part-time job, earn money while in high school, and receive 3 credits for each semester of on-the-job work experience. To be considered for the program, students must have a good attendance record, have a good attitude, and be willing to be an excellent employee at the job site. Students will be evaluated by their employer and their ICE teacher. Students should seek jobs that relate to their course pathway.

ACKNOWLEDGMENTS

Career Planner Committee

Jaime Hamm, School Counselor
Amanda Lancaster, Data Entry Secretary

CHS Administrators

Randal Judd, Principal
Scott West, Assistant Principal
Rickie Rose, Assistant Principal
Shane Russell, Dean
Brent Duncan, Athletic Director

CHS School Counselors

Jaime Hamm, Counseling Coordinator
Cathi Sheperd
Crystal Frank

Address comments/questions to: Jaime Hamm, 1100 Spartan Drive, Connersville, IN 47331
E-mail: jhamm@fayette.k12.in.us Telephone: 765-825-1151 ext. 235

CHS SEVEN-PERIOD SCHEDULE	
PERIOD 1	**8:20 – 9:10**
PERIOD 2	**9:15 – 10:05**
PERIOD 3/SRT	**10:10 – 11:30**
CHS TODAY	**11:00 – 11:07**
SRT	**11:07 – 11:30**
LUNCH A	**11:15 – 11:45 (PM WTTC ONLY)**
PERIOD 4/LUNCH	**11:35 – 12:55**
LUNCH B	**11:30 – 12:05**
LUNCH C	**12:00 – 12:30**
LUNCH D	**12:25 – 12:55**
PERIOD 5	**1:00 – 1:50**
PERIOD 6	**1:55 – 2:45**
PERIOD 7	**2:50 – 3:40**

CHS EARLY-RELEASE WEDNESDAYS	
PERIOD 1	**8:20 – 9:07**
PERIOD 2	**9:12 – 9:59**
PERIOD 3/SRT	**10:04 – 10:59 (CHS Today begins At 10:52)**
PERIOD 4	**11:04 – 12:19**
A LUNCH	**10:59 – 11:29**
B LUNCH	**11:24 – 11:54**
C LUNCH	**11:49 – 12:19**
PERIOD 5	**12:24 – 1:11**
PERIOD 6	**1:16 – 2:03**
PERIOD 7	**2:08 – 2:55**