

Course Enrollment

Sophomores

Class of 2025



Things every Sophomore should know...

1. You need at least 40 credits to graduate, some courses are graduation requirements.
2. You need to have complete a graduation pathway.
3. You need 2 PE credits.
4. All forms and documents can be found on on the JHS guidance website
5. Keep track of your dual credit courses.
6. Keep track of your usernames and passwords.
7. If you are failing an AP or Honors class at the end of the first semester you will be moved to the next lower level course in the same subject
8. Don't overlook the several good opportunities that are here for you in the form of career and technical ed.
9. Elective class changes



Graduation Requirements	Graduation Pathway Options
<p>1) High School Diploma (Students must complete the course requirements of one of the following.)</p>	<ul style="list-style-type: none"> • Core 40 designation; • Academic Honors designation; • Technical Honors designation; • General designation.
<p>2) Learn and Demonstrate Employability Skills (Students must complete <i>at least one</i> of the following.)</p>	<p>Learn employability skills standards through locally developed programs. Employability skills are demonstrated by <u>one</u> the following:</p> <ul style="list-style-type: none"> • Project-Based Learning Experience; OR • Service-Based Learning Experience; OR • Work-Based Learning Experience.
<p>3) Postsecondary-Ready Competencies (Students must complete <i>at least one</i> of the following.)</p> <ul style="list-style-type: none"> <input type="checkbox"/> ACT College Benchmarks <ul style="list-style-type: none"> <input type="checkbox"/> ELA (18) <i>or</i> Reading (22), <i>and</i> <input type="checkbox"/> Math (22) <i>or</i> Science (23) <input type="checkbox"/> SAT College Benchmarks <ul style="list-style-type: none"> <input type="checkbox"/> English (480), <i>and</i> <input type="checkbox"/> Math (530) <p>ASVAB AFQT Score</p> <ul style="list-style-type: none"> <input type="checkbox"/> Score of 31 or higher benchmark) 	<ul style="list-style-type: none"> • Honors Designation: Fulfill all requirements of either the Academic or Technical Honors designation; OR • ACT: College-ready benchmarks; OR • SAT: College-ready benchmarks; OR • ASVAB: Earn at least a minimum AFQT score to qualify for placement into one of the branches of the US military; OR • State- and Industry-recognized Credential or Certification; OR • Federally-recognized Apprenticeship; OR • Career-Technical Education Concentrator: Must earn a C <u>average</u> or higher in at least 6 high school credits in a career sequence; OR • AP/IB/Dual Credit/Cambridge International courses or CLEP Exams: Must earn a C <u>average</u> or higher in at least three courses; OR • Locally Created Pathway that meets the framework from and earns the approval of the State Board of Education.

Core 40 Diploma

English	8 credits	Eng 9, 10, 11 and a senior English course
Mathematics	6 credits	Algebra I, Geometry, Algebra II
Social Studies	6 credits	World History (full year) US History (full year) Government & Econ (1 semester each)
Science	6 credits	Must include: Biology I, and ICP, or Chemistry, or Physics, and one other science course
Health	1 credit	1 semester
PE	2 credits	2 semesters
Directed Electives	11 credits	In any combination selected from World Languages, Fine Arts & Career/Technical
Total Credits	40 credits	

Core 40 with Academic Honors Diploma

English	8 credits	English 9, 10, 11 and a senior English course
Mathematics	8 credits	Must Include: Algebra I, Geometry, Algebra II And 2 credits from the following: Pre-calculus/Trigonometry or Trigonometry and Probability and Statistics
Social Studies	6 credits	World History (full year) US History (full year) Government & Econ (1 semester each)
Science	6 credits	Must include: Biology I, and ICP, or Chemistry, or Physics, and one other science course
Health	1 credit	1 semester
PE	2 credits	2 semesters
World Languages	6 or 8 credits	3 years (6 credits) of one language OR 2 years (4 credits) of two different languages
Fine Arts	2 credits	2 semesters of visual art, instrumental music, vocal music or theatre arts
Elective Credits	8	Any combination of electives
Total Credits	47 credits	*Must have GPA of 3.0 by end of senior year *No semester grade below C- in the 47 required credits

Additional considerations for Academic Honors Diploma:

Must complete ONE of the following:

- 2 Year long AP courses and corresponding AP exams –OR–
- Dual HS/college courses resulting in 6 college credits –OR–
- 1 Year long AP course and corresponding AP exam and a dual HS/college course resulting in 3 college credits –OR–
- 1250 or higher on SAT (no score less than 560 Math and 590 EB R/W) –OR–
- ACT composite of 26 or above, must include writing

Core 40 with Technical Honors Diploma

English	8 credits	English 9, 10, 11 and a senior English course
Mathematics	6 credits	Must Include: Algebra I, Geometry, Algebra II
Social Studies	6 credits	World History (full year) US History (full year) Government & Econ (1 semester each)
Science	6 credits	Must include: Biology I, and ICP, or Chemistry, or Physics, and one other science course
Health	1 credit	1 semester
PE	2 credits	2 semesters
Electives	18 credits	Complete a Career-Technical program in a related sequence of courses resulting in 8-10 career-tech credits
Total Credits	47 credits	*Must have GPA of 3.0 by end of senior year *No semester grade below C- in the 47 required credits

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

- Complete all requirements for Core 40.
- Earn 6 credits in the college and career preparation courses in a state-approved College & Career Pathway and one of the following:
- Pathway designated industry-based certification or credential,
or
- Pathway dual credits from the lists of priority courses resulting in 6 transcribed college credits
- Complete one of the following,
- Any one of the 5 options for the Core 40 with Academic Honors
- Earn the following scores or higher on WorkKeys; Reading for Information – Level 6, Applied Mathematics – Level 6, and Locating Information-Level 5.
- Earn the following minimum score(s) on Accuplacer: Writing 80, Reading 90, Math 75.
- Earn the following minimum score(s) on Compass; Algebra 66, Writing 70, Reading 80.

General Diploma

- Beginning with students who enter high school in 2007-2008, completion of Core 40 becomes a graduation requirement.
- A general diploma is only available to students whose parents feel students are unable to complete the Core 40 curriculum.
- To graduate with less than Core 40, a formal Opt-out process must be completed.
- Beginning in fall 2011, Core 40 will be an admissions requirement to attend a public four-year university in Indiana (Core 40 is a minimum requirement – colleges may have additional admissions requirements).

General Diploma

English	8 credits	Eng 9, 10, 11 and a senior English course
Mathematics	4 credits	Must include 2 credits in Algebra I 2 credits in any other Math class.
Social Studies	6 credits	World History (full year) US History (full year) Government & Econ (1 semester each)
Science	6 credits	Biology I and two more science courses
Health	1 credit	1 semester
PE	2 credits	2 semesters
Career Academic Sequence	6 credits	Electives selected to take advantage of career exploration
Electives	3 Credits	Any Combination of Electives
Total Credits	40 credits	

10th Grade Enrollment Decisions

- English
- Social Studies
- Math
- Science
- Foreign Language
- Electives

Considerations for course selection:

- Any English, math, social studies, or science course that you did not pass must be repeated.
- Have you completed health and PE?
- Strength of schedule is very important to four-year colleges. Four college prep classes/semester recommended.
- Career pathway sequence

English Choices for Sophomores

English 10
Or
English 10 Honors

Social Studies Choice for Sophomores

World History

Or

AP World History

Any student enrolling in an AP course is required to take the AP exam
There is a large list of assignments and readings to be done over the summer
and this class takes their first test on the first day of school.

Refer to the course description booklet for a
detailed description of AP World History



Math Choices

Geometry

Geometry, Honors

Algebra II (completes Core 40)

Algebra II, Honors (also Core 40)



Science Choices

Courses	Recommendations
Integ. Chem. and Physics (ICP)	Biology
Chemistry I	Biology I and Algebra I
Chemistry I, Honors	Biology I, Honors and Algebra I, Honors
AP Environmental Science	C- or above in Chemistry I
Anatomy and Physiology	C or above in Bio I & Chemistry I
Plant and Soil Science*	Principles of Ag.
Animal Science*	Principles of Ag. (this class is required for ALS)
Natural Resources*	Principles of Ag.
AP Computer Science	none
Principles of Engineering	Intro. to Engineering
Physics I	Bio I; and ICP or Chemistry I
*May be taken for college credit	

World Languages

French I, II

German I, II, III

Spanish I, II, III

Colleges prefer to see advanced study of one language, however, at least two years of a foreign language are recommended.

Now for:

Electives

Agriculture

All Ag. classes are full year

1. Principles of Agriculture*

*prerequisite for all Ag. classes

2. Power Structures(Ag Mechanics)

3. Animal Science* (this class is required for ALS)

4. Natural Resources*

5. Plant and Soil Science*

6. Agribusiness Management

*counts as a science credit

Art

Full Year Courses

Introduction & Advanced 2D Art**

Drawing I and II

Painting I and II

AP Studio Art, Drawing

AP Studio Art, 2D

****Must take this course before taking any other art course**

First Semester

- Ceramics
- Printmaking

Second Semester

- Sculpture
- Intro to 3D Art
- Adv. Ceramics(must have taken ceramics)

Science related Curriculum

- Principles of the Biomedical Sciences
- Human Body Systems
- All PLTW BioMed courses can be counted as the third year science for all diplomas.

Education Professions

1. Principles of Teaching*
*prerequisite for all Education Courses
2. Child and Adolescent Development

As a Junior you will take Teaching and Learning which is a 2 period Cadet Teaching Experience.

Business Finance Marketing

1. Principles of Business Management*

*This course is a prerequisite for all other Business classes.

2. Marketing Fundamentals

3. Accounting Fundamentals

For Juniors-Strategic Marketing- This course is offered every other year. It is currently scheduled to be offered in the '22-'23 school year.



Exercise Science

Principles of Exercise Science: Are you an athlete or enjoy being physically active? This class is designed for student-athletes, those who have an active lifestyle, and/or those possibly interested in pursuing a career in the medical field. Professions may include but are not limited to: athletic training, physical therapy, chiropractic, strength and conditioning, sports dietetics, personal training, etc. Studies may include the musculoskeletal system, common injuries and injury care, rehabilitation and physical training techniques. This course will offer lab sessions for students to get experience in common athletic training practices i.e. taping, evaluation, treatment, and rehabilitation, progression of exercise, sports performance, etc. Labs may also provide practical application for current student-athletes to learn proper injury prevention and recovery techniques, functional progressions for return to play, and program design.

Additional Courses to be added each year:

Kinesiology

Human Performance

Physical Therapy Capstone

Family and Consumer Science

Principles of Human Services- this class is only available for
Freshmen and Sophomores

Information Technology/Computing

1. Principles of Computing
2. AP Computer Science Principles (counts as science credit)

Juniors-CyberSecurity Fundamentals- Must have Principles of Computing. This class will be offered every other year. It is scheduled to be offered in the '23-'24 school year.

AV Technology And Communication

1. Principles of Broadcasting (Radio/TV interest)
2. Principles of Digital Design (Yearbook interest)
3. Interactive Media- Photo.
4. A/V Production Essentials

Music

Vocal Music

- Choir I
- Choir II
- Choir III Ambassador Singers*

Instrumental Music

- Dance Performance*
(Flag line with Band)
- Band/Intermediate Band*
- Band/Advanced Band*

All are full year courses except Dance Performance

***Audition required**

HEALTH

Health will only be offered online starting in the Summer of 2022. Students may take the class over the summer or during the school year. The course will be offered through Canvas and the grade will be transcribed at the end of the semester.

Health is a graduation requirement. (Students may choose to do the first 2 BioMed classes instead of Health)



Physical Education

- Strength and Conditioning
 - S/C Regular (males/females)
 - S/C Females (females only)

Lifeguard Training

- Check your transcript to make sure you have completed 2 semesters of PE
- Current Health Issues
 - Not a health credit, but rather an elective credit



Technology/Engineering

- Introduction to Engineering Design
- Principles of Engineering (need IED)*
- Computer Integrated Manufacturing (need IED)

* counts as a science credit

3rd year of engineering class rotates:

Computer Int. Man. - '22-'23

Civil Engineering Arch. - '23-'24

Digital Electronics - '24-'25

Adv. Manufacturing/Automotive/Construction

Intro. to Advanced Manufacturing- full year

Intro. to Construction- full year

Intro. to Transportation- one semester



Theatre Arts

- Theatre Arts I and II – first year
- Advanced Theatre Arts I and II – second year

All require an **audition**

*will meet fine art requirement for academic honors diploma

Things to remember.....

- Student schedules change each semester. Order of classes and teachers can change. We cannot accommodate requests for specific teachers or class periods.
- There are several opportunities to change classes, however, many of the popular classes fill up and may close. Selecting the classes you want at registration important.
- Keep track of all dual credit coursework
- You can make changes to your course requests until June 30. After June 30 no changes will be made until AFTER school resumes in August.
- Transcripts are distributed to students at the beginning of each semester. Please check them for accuracy. Transcripts are always available on PowerSchool.
- On the enrollment form Study Hall has a 100 and/or 200 course number. 100 is first semester and 200 is second semester.
- ◆ **For Academic Honors Diploma-Dual HS/college courses resulting in 6 college credits –OR- 2 AP credits and corresponding AP exam and a dual HS/college course resulting in 3 college credits-OR-combination of both**
- ◆ **Remember your passwords**