

Freshman

Class of 2022



Your Freshman Year!

- Types of Diplomas

- Core 40

- Minimum graduation requirement for all students

- Academic Honors

- The academic honors diploma is recommended for students wanting to pursue a rigorous, advanced course of study during their high school years.

- Must maintain a 3.0 GPA (B Average) and no lower than a C in any course

- This is highly recommended for students who want to go to a 4 year University such as IU or PU

- Technical Honors

- Focuses on Academics and Technical skills

Your Freshman Year!

- What is a credit?
 - A credit is earned by passing a course
 - Each class you take counts towards graduation, so you must pass your classes in order to earn credits!
- How many credits do you need?
 - Core 40 Diploma – 42 Credits
 - Academic & Technical Honors Diplomas – 47 Credits

Your Freshman Year!

- What is grade point average (GPA)?
 - An average of the grade points you earn in all of the classes that you will take in high school.
 - Good grades = higher GPA.
- Why is your GPA important?
 - Determines eligibility for college, scholarships, and AP courses and much more!
 - In order to earn a high GPA, you must start off with strong grades your Freshman year.

Weighted Grades

*****NEW*****

- North Montgomery will be moving to a weighted grades system of calculating GPA's.
 - A weighted GPA is calculated by awarding additional points to classes that are considered more challenging than the basic curriculum.
- As a freshman, the following classes will be weighted:
 - Honors English 9
 - Honors Biology
 - Honors Geometry (if you took Algebra in Grade 8)

Cum Laude System

- A tiered system that recognizes students for the rigor of their academic program as well as their success in the program:
 - Suma Cum Laude- “with highest distinction”
 - 4.2+ weighted GPA
 - Academic or Technical Honors Diploma
 - Complete 8 Tier 2 or 3 courses
 - Magna Cum Laude- “with great distinction”
 - 4.1+ weighted GPA
 - Academic or Technical Honors Diploma
 - Complete 6 Tier 2 or 3 courses
 - Cum Laude- “with distinction”
 - 4.0+ weighted GPA
 - Academic or Technical Honors Diploma
 - Complete 4 Tier 2 or 3 courses

These Honors will be determined at the end of the Senior year and students will be recognized at graduation.

English

Class	Credits/Trimester
English 9	2
English 9, Honors	2

Math

Algebra 1 (2)

Honors
Geometry (2)

Science

Class	Credits/Trimester
Biology	2
<p>Biology explores biological concepts through scientific laboratories and exploration. The focus in general biology is to learn biology and explore how science works.</p>	
Honors Biology	2
<p>Honors Biology explores the same topics as Regular Biology but with more depth and rigor. Students must have good writing skills and must be prepared to think critically. Honors Biology focuses on scientific research and communication, and prepares students for upper level life science classes.</p>	

Physical Education -

2 credits required for graduation

Class	Credits/Trimester
Physical Education	2

Social Studies

Class	Credits/Trimester
Geography/History of the World	2
You must take this course either your 9 th or 10 th grade year	

World Language

Class	Credits/Trimester
French I	2
Spanish I	2

You must have A's or B's in 8th grade English to take a World Language in 9th grade.

Electives

- What is an elective?
 - Extra courses taken to fulfill graduation requirements
- Why take an elective class?
 - Explore your interests.
 - Lighten a demanding class schedule.
 - Have fun studying something you love.

Science Electives

Class	Credits/Trimester
PLTW Principles of Biomedical Science	2
<p>If science or the medical field (doctor, nurse, x-ray tech, etc.) interests you then this is the class for you as you will investigate the death of Anna Garcia as a forensic scientist who receives autopsy reports about what her post-mortem examination finds as you learn about heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. You will perform a wide variety of online activities, labs, and scientific investigations as you learn about basic biology and how that can lead to problems with the human body, but also how that knowledge can help people live longer, healthier lives.</p> <p>*This is an advanced science option.</p>	

English Electives

Class	Credits/Trimester
Genres of Literature	1
<p>Genres of Literature explores the genre of Young Adult literature and themes using multiple different avenues. There are discussions, creative projects, films, music and many other projects to help students regain a passion for reading outside of class.</p>	
Poetry	1
<p>Students will have the opportunity to explore a wide variety of poetry by classic as well as contemporary poets. In addition they will be expected to read, analyze, and write poetry on a weekly basis.</p>	

Music Electives

Class	Credits/Trimester
Band	3
Students explore many styles and uses of music through performance.	
Beginning Choir	3
This is a non-auditioned group that anyone can be a member of and which performs several times throughout the year. The course will include an introduction to basic vocal technique, beginning music theory, and basic sight-reading skills. There is a movement element in this course, and a willingness to dance is expected.	
Music History and Appreciation	1
Students receive instruction designed to explore music and major musical styles and periods through understanding music in relation to both Western and Non-Western history and culture. Activities include analyzing and describing music; evaluating music and music performances; and understanding relationships between music and the other arts, as well as disciplines outside of the arts	

Business Electives

Class	Credits/Trimester	
Digital Applications & Responsibility		1
<p>This course prepares students to use computer technology in an effective and appropriate manner. Students develop knowledge of word processing, spreadsheets, presentation and communications software. Students establish what it means to be a good digital citizen and how to use technology appropriately.</p>		
Intro to Business		2
<p>This is an entry level business course that covers basic economics, management and marketing.</p>		
Intro to Computer Science		1
<p>This course will empower you to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun.</p>		

Agriculture Electives

Class	Credits/Trimester
Intro to Ag, Food, and Natural Resources	2
<p>The nature of this course is to provide students with an introduction to <u>ALL</u> Agriculture classes. An activity and project-based approach is used.</p>	

Art Electives

(may choose only one from this category)

Class	Credits/Trimester
Intro 2D Art	1
Students will develop the fundamental skills needed for a solid foundation in the visual arts. The elements and principles of design will be introduced through the exciting exploration of various 2-D media and techniques.	
Digital Design	1
Students learn computer graphics and gain firsthand experience with technology and techniques used by professionals in various areas of graphic design and advertising fields.	

Family and Consumer Sciences Electives

Class	Credits/Trimester
Intro to Culinary Arts & Hospitality	1
<p>Introductory course for all students interested in learning basic culinary skills. This course covers a wide variety of topics including investigating food and hospitality related careers, safety and sanitation, nutrition, etiquette, and customer relations. Students are able to practice their culinary skills in laboratory experiences.</p>	
Intro to Fashion & Textiles	1
<p>Students interested in the fashion industry will learn about investigating fashion related careers, fashion history, fashion designers, application of elements and principles of design, and clothing care. Learn how to properly operate a sewing machine, as well as complete various sewing projects.</p>	

Engineering and Technology Electives

Class	Credits/Trimester
Intro to Engineering Design: Project Lead the Way (Must have As and Bs in 8 th grade Math to take this course)	2
<p>This class focus is to introduce students to all aspects of engineering. The students will learn to create things in a computer modeling software, work on design projects and learn how to transfer technical information from designer to builder.</p>	
Intro to Manufacturing	1
<p>Learn hands on portion of manufacturing with the mill, lathe, band-saw, and many other shop tools. They also will learn the business aspect of manufacturing through marketing, product analysis, and creating a business model in manufacturing.</p>	
Intro to Transportation	1
<p>The transportation class is focused on power, energy & transportation. The students can expect to work with robots, electricity, model rockets & gearing.</p>	

Count the numbers in (parentheses)
after the classes you've circled.

Do they add to 15?

If not, make corrections!

Alternates

- On the back side please select two additional classes you would like to take IF we cannot schedule you into those you circled on the front.
- Please do not choose classes you circled on the front.
- It is not possible to give everyone their first choice so we want to know what else you are interested in taking!

Schedule Request Sheets

- Take them home and discuss options with your parents.
- Students and parents should sign the completed request forms.
- Due February 2