

Sophomore Class Scheduling

**NORTH MONTGOMERY HIGH
SCHOOL**

Graduation Requirement	Pathway Options
1 High School Diploma	Meet the statutorily defined diploma credit and curricular requirements
2 Learn and Demonstrate Employability Skills	Students must complete at least one of the following: <ul style="list-style-type: none"> • Project-Based Learning Experience, OR • Service-Based Learning Experience, OR • Work Based Learning Experience
3 Postsecondary-Ready Competencies	Students must complete at least one of the following: <ul style="list-style-type: none"> • Academic or Technical Honors Diploma Designation • ACT- College Ready Benchmarks • SAT- College Ready Benchmarks • ASVAB – Earn at least minimum AFQT score • State/Industry Recognized Credential or Certification • Federally Recognized Apprenticeship • Career-Technical Education Concentrator • AP/Dual Credit courses or CLEP Exams (at least 3) • Locally Created Pathway

#1: Diploma Requirements



North Montgomery
High School

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

Schools may have additional local graduation requirements that apply to all students (not required for students with an IEP).

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

**SAT scores updated September, 2017

***WorkKeys assessment titles updated, 2018

Core 40 with Academic Honors (minimum 47 credits)

For the **Core 40 with Academic Honors** designation, students must:

- Complete all requirements for Core 40.
- Earn 2 additional Core 40 math credits.
- Earn 6-8 Core 40 world language credits (6 credits in one language or 4 credits each in two languages).
- Earn 2 Core 40 fine arts credits.
- Earn a grade of a C- or better in courses that will count toward the diploma.
- Have a grade point average of a "B" or better. (3.00 + GPA)
- Complete one 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 the approved dual credit list.
 - C. Earn two of the following:
 1. A minimum of 3 verifiable transcripted college credits from the approved dual credit list,
 2. 2 credits in AP courses and corresponding AP exams,
 - D. Earn a composite score of 1250 or higher on the SAT and a minimum of 560 on math and 590 on the evidence based reading and writing section.**
 - E. Earn an ACT composite score of 26 or higher and complete written section

Core 40 with Technical Honors (minimum 47 credits)

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

- Complete all requirements for Core 40.
- Earn 6 credits in the college and career preparation courses in a state-approved College & Career Pathway and one of the following:
 1. Pathway designated industry-based certification or credential, or
 2. 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. (3.00 + GPA)
- Complete one of the following,
 - A. Any one of the options (A-E) of the Core 40 with Academic Honors
 - B. Earn the following minimum scores on WorkKeys: Workplace Documents, Level 6; Applied Math, Level 6; and Graphic Literacy, 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.

Honors Diploma Options

ACADEMIC HONORS	TECHNICAL HONORS
Complete all Core 40 Requirements	Complete all Core 40 Requirements
Earn C- or higher in all classes with overall GPA of 3.00	Earn C- or higher in all classes with overall GPA of 3.00
Earn 2 Fine Arts Credits Earn 2 Additional Math Credits Earn 6 World Language Credits	Earn 6 credits in a CTE Pathway, <u>and</u> either: <ul style="list-style-type: none">● College credits in pathway classes, or● Industry certification in pathway classes
Complete 1 of the following: <ul style="list-style-type: none">● 2 AP Classes● 2 dual college credit classes● 1 AP and 1 dual college credit classes <p>(Students can replace this requirement with qualifying SAT or ACT benchmark scores as indicated on the Diploma Requirement Chart)</p>	Complete 1 of the following: <ul style="list-style-type: none">● 2 AP Classes● 2 dual college credit classes● 1 AP and 1 dual college credit classes <p>(Students can replace this requirement with qualifying SAT or ACT benchmark scores as indicated on the Diploma Requirement Chart)</p>

Graduation Pathway Cheat Sheet

Graduation Requirement	Details
#1. High School Diploma	Meet diploma and curricular requirements
#2. Learn and Demonstrate Employability Skills	Students must complete at least one of the following: <ul style="list-style-type: none"> ● Project Based Learning Experience, OR ● Service Based Learning Experience, OR ● Work Based Learning Experience
#3. Postsecondary-Ready Competencies	Students must complete at least one of the following: <ul style="list-style-type: none"> ● Earn an Academic or Technical Honors Diploma ● ACT English 18 -or- Reading 22, AND ACT Math 22 -or- Science 23 ● SAT EBRW 480 AND Math 530 ● Earn at least a 31 on the ASVAB ● Industry Certification From State Approved List (earned in several CTE classes) ● Take 3 AP or Dual Credit Courses (1 must be in Core Area) with grade of C or better ● Take 3 classes in an official CTE Pathway with grades of C or better (NMHS list below)

CTE Pathway Options @ NMHS (must earn C or better in these classes and must take in the order listed)

- **Agriculture - Animal Science**
 - Principles of Agriculture, Animal Science, Advanced Life Science- Animals
 - Advanced Life Science-Animals and Agribusiness Management (phased out after class 2024)
- **Agriculture - Landscape**
 - Principles of Agriculture, Horticultural Science, Landscape and Turf Management
 - Horticultural Science and Landscape I (phased out after class 2024)
- **Business - Accounting**
 - Principles of Business Management, Accounting Fundamentals, Advanced Accounting
- **Business - Management and Administration**
 - Principles of Business Management, Marketing Fundamentals, Accounting Fundamentals
- **Business --Marketing** (class 2025 and beyond)
 - Principles of Business Management, Marketing Fundamentals, Digital Marketing (offered beginning 2024-2025)
- **Biomedical Sciences**
 - Principles of Biomedical Science, Human Body Systems or Anatomy/Physiology, Medical Interventions
- **Culinary Arts**
 - Principles of Culinary and Hospitality, Nutrition, Culinary Arts
- **Industry and Digital Manufacturing**
 - Principles of Industry 4.0 and Digital Manufacturing, Robotics Design and Innovation, Smart Manufacturing Systems
- **Education Careers** (students take all 3 of these classes together junior or senior year for a total of 6 credits)
 - Principles of Teaching, Child and Adolescent Development, Teaching and Learning
- **At least 1 year of any West Central CTE Program (taken junior and/or senior year)**
 - Automotive Services, Business Admin, Cosmetology, Criminal Justice, Construction Trades, Cybersecurity/IT, EMT, Fire & Rescue, HVAC, Industrial Career Academy, Precision Machining, Pre Nursing CNA, Radio/TV, Welding Technology

#2: Employability Skills

- Students must complete one of the following:
 - **Project Based Learning Experience**
 - NMHS class with project focus (Any class in the areas of FACS, Agriculture, Manufacturing, Business)
 - **Service Based Learning Experience**
 - Community Involvement (church, scouts, 4H), Extra Curricular, Athletic Participation
 - **Work Based Learning Experience**
 - Employment, Any West Central CTE program

MUST BE DOCUMENTED AND VERIFIED

#3: Post-Secondary Readiness

Available Options- Must meet 1	Details
Honors Diploma	Earn an Academic or Technical Honors Diploma
ACT Benchmarks	English 18 OR Reading 22 AND Math 22 OR Science 23
SAT Benchmarks	EBRW 480 AND Math 530
ASVAB	Earn at least a 31 on the ASVAB
Industry Certification	From State Approved List
3 AP or Dual Credit Courses	3 AP or Dual Credit Courses (1 must be in Core Area) with average grade of C or higher
CTE Concentrator	Complete classes (from State defined list) in a CTE Pathway with average grade of C or higher
Apprenticeship	From Federally Approved List (Currently no MoCo options for this)

CTE Concentrator Options @ NMHS

- **Agriculture - Animal Science**
 - Principles of Agriculture, Animal Science, Advanced Life Science, Animals
- **Agriculture - Landscape**
 - Principles of Agriculture, Horticultural Science, Landscape and Turf Management
- **Business - Accounting**
 - Principles of Business Management, Accounting Fundamentals. Advanced Accounting
- **Business - Management and Administration**
 - Principles of Business Management, Marketing Fundamentals, Accounting Fundamentals
- **Business --Marketing**
 - Principles of Business Management, Marketing Fundamentals, Digital Marketing
- **Biomedical Sciences**
 - Principles of Biomedical Science, Human Body Systems or Anatomy/Physiology, Medical Interventions
- **Culinary Arts**
 - Principles of Culinary and Hospitality, Nutrition, Culinary Arts
- **Industry and Digital Manufacturing**
 - Principles of Industry 4.0 and Digital Manufacturing, Robotics Design and Innovation, Smart Manufacturing Systems
- **Education Careers** (students take all 3 of these classes together junior or senior year for a total of 6 credits)
 - Principles of Teaching, Child and Adolescent Development, Teaching and Learning

CTE Concentrators through West Central

Available Junior and Senior Year

- **Automotive Services** - located downtown Crawfordsville
- **Business Administration** - located at Ivy Tech Crawfordsville
- **Cosmetology** - located at Freestyle Academy in Lebanon, no school provided transportation available
- **Criminal Justice** - located at Crawfordsville HS
- **Construction Trades** - location TBD
- **Cybersecurity/IT** - located at Ivy Tech Crawfordsville
- **EMT** - located at Southmont HS
- **Fire & Rescue** - located at Southmont HS
- **HVAC** - located at Crawfordsville HS
- **Industrial Career Academy/Advanced Manufacturing** - located at Ivy Tech Crawfordsville
- **Precision Machining** - located in Lebanon, no school provided transportation available
- **Pre-Nursing (CNA)** - located at Ivy Tech Crawfordsville
- **Radio/TV** - located at Western Boone HS
- **Welding Technology** - located at NMHS

Weighted Grades

A weighted GPA is calculated by awarding additional points to classes that are considered more challenging

Tier 1 Courses No Additional Weight	Tier 2 Courses Additional Weight: +.5	Tier 3 Courses Additional Weight: +1
All courses not listed as Tier 2 or Tier 3	Honors English 9, 10 Honors Eng 12/Ivy Tech ENGL 111 Honors Algebra 1, 2 Honors Geometry Precalculus Honors Trigonometry Honors Honors Biology I Honors Chemistry I Spanish IV PLTW MI, BI Chem II (ACP) Advanced Accounting	AP Calculus AB AP Calculus BC AP Human Geography AP US History AP Art History AP Physics

Latin Recognition

A tiered system that recognizes students for the rigor of their academic program as well as their success in the program:

- **Summa Cum Laude- “with highest distinction”**
 - 4.2+ weighted GPA
 - Academic or Technical Honors Designation
 - Complete 8 Tier 2 or 3 courses
- **Magna Cum Laude- “with great distinction”**
 - 4.1+ weighted GPA
 - Academic or Technical Honors Designation
 - Complete 6 Tier 2 or 3 courses
- **Cum Laude- “with distinction”**
 - 4.0+ weighted GPA
 - Academic or Technical Honors Designation
 - Complete 4 Tier 2 or 3 courses

Latin Honors will be determined after third trimester of senior year and students will be recognized at graduation.

Name _____
(Last) (First)

Circle One: Core 40 Technical Honors Academic Honors

*Circle the courses that you plan to take. All courses are identified by the number of credits - (1) or (2). Selections must add to (14). Then write in three alternate choices where indicated.***English (required)**English 10 (2)
English 10, Honors (2)
Retake: English 9A (1)**Math (required)**Geometry (2)
Honors Geometry (2)
(teacher approval required)
Honors Algebra II (2)

If you are retaking Algebra A T3, you have two options (Circle 1):

-Algebra I B & Geom A & B (3)
(You will have 2 math classes second semester, but will then be caught up)-Algebra B only (1)
(You will only take 1 semester of math Sophomore year, but might have to double up in later years)**Science (required)**Chemistry I (2)
Chemistry I, Honors (2)
Int. Chem/Physics (2)
Retake: Biology A (1)**Additional Science Options:***(You may choose from this category too, but it will not replace your Chemistry requirement. This is an optional advanced science class.)*Adv. Science - Oceans I (SCUBA CLASS) (2)
(application required)

Principles of Biomedical Science (2)

Human Body Systems (2)
(Prereq: Principles of Biomed)**Health (required)**

Health and Wellness (1)

Social Studies:World History/Civilization (2)
(You must sign up for this class if you did not take it in grade 9)AP Geography (2)
(AP application required)**World Language:**

Spanish I (2)

Spanish II (2)

Spanish III (2)

English Electives:

Genres of Literature (1)

Creative Writing (1)

Film Literature (1)

Student Media:
Yearbook _____
(Indicate how many semesters you would like to take Yearbook: 1-2)**Music:**

Concert Band (2)

Intermediate Chorus (2)

Advanced Chorus (2)
(audition required)

Music History and Appreciation (1)

Music Theory and Composition (1)

Musical Theatre (1)

Physical Education*Students must earn their 2 PE credits by the end of Sophomore year. If you will not have earned at least 1 PE credit freshman year (either through the class or your sport), you must sign up for PE I and PE II.*

Adv. PE - Sports (1)

Lifetime Activities (1)

Aerobics (1)

Lifeguarding (1)

Strength and Conditioning Sem 1 (1)

Strength and Conditioning Sem 2 (1)

PE I (1)

PE II (1)

Art:AP Art History (2)
(application required)

Ceramics I (1)

Drawing (1)

Fiber Arts (1)

Intro 2D Art (1)

Adv. 2D Art (1)

Intro to 3D Art (1)

Painting (1)

Photography (1)
(Prereq: Visual Communications)

Visual Communications (1)

Visual Communications II (1)

- Name and Diploma Type
- Required English
- Required Math
- Required Science
- Pay attention to any notes written under a class.
 - “Prereq” (prerequisite) means a class you must take before being eligible
- PE - If you will not earn any PE credits freshman year (from class or a sport), you must sign up for PE. **Everyone must fulfill their PE requirement by the end of Sophomore year!**

Business:

- Accounting Fundamentals (2)
(Prereq: Principles of Business Management)
- Digital Applications & Responsibility (1)
- Principles of Business Management (2)
- Marketing Fundamentals (2)
(Prereq: Principles of Business Management)

FACS:

- Child Development (1)
- Intro to Fashion and Textiles (1)
- Intro to Housing and Interior Design (1)
- Interpersonal Relationships (1)
- Principles of Culinary and Hospitality (2)
- Nutrition (2)
(Prereq: Principles of Culinary and Hospitality)

Engineering and Technology Education:

- Introduction to Engineering Design (2)
(dual credit)
- Intro to Construction (1)
- Intro to Transportation (1)
- Principles of Industry 4.0 Digital Man (2)
(dual credit)
- Robotics Design and Innovation (2)
(dual credit)
(Prereq: Principles Industry 4.0 Man)

Agricultural Education:

(all Ag classes dual credit)

- Animal Science (2)
(Prereq: Principles Ag)
- Horticultural Science (2)
(Prereq: Principles Ag)
- Principles of Agriculture (2)

Charger TV/Announcements:

- Digital Media (1)

Study Hall:

(does not count as a grade or credit toward graduation)

- Study Hall Sem 1 (1)
- Study Hall Sem 2 (1)

You must also write down 3 alternate choices:

- 1. _____
- 2. _____
- 3. _____

**Graduation Pathway Planning:
Postsecondary Readiness**

Circle how you intend to meet the Postsecondary Readiness requirement for graduation:

- Academic Honors Diploma
- Technical Honors Diploma
- West Central CTE Program:
 - Auto
 - Business
 - Construction Trades
 - Cosmetology
 - Criminal Justice
 - Cybersecurity/IT
 - EMT
 - Fire/Rescue
 - HVAC
 - Precision Machining
 - Pre Nursing CNA
 - Radio/TV
 - Welding
- NMHS CTE Class Sequence:
 - Agriculture
 - Business
 - Biomedical Science
 - Culinary Arts
 - Digital Manufacturing
 - Education Careers

(Check the "Graduation Pathway Cheat Sheet" document to see which classes you need to take to complete the CTE sequence)

- Finish selecting your classes.
- Look at your T3 schedule to make sure you don't sign up for an elective you will take then.
 - Courses listed on your transcript under "in progress"
- The numbers after all your circled classes must add to 14.
- List 3 Alternates (2nd choice electives different from what you circled)
- Complete Postsecondary Readiness Planning

Electives Fair!

January 19 in the Gym. Talk to the teachers to learn about elective class options. Ask questions so you can make good decisions about your classes!

DURING ADVISORY AND THROUGH ALL LUNCH SHIFTS

School Counselor Q&A

January 19 - Table at electives fair, will be set up through last lunch

January 20 - Table in Commons during all lunch shifts

ALL SCHEDULING PAPERWORK AND APPLICATIONS AVAILABLE DURING THIS TIME

Due Date

Bring completed scheduling paperwork

January 23

- **Counselors will be seeing students in English 9 classes beginning January 23 (and continuing January 24).**
- **Students that do not have English 9 this trimester will be called down from another class beginning January 23 and into the following week.**

What needs filled out and turned in?

1. **Green Scheduling Request form**
2. **Applications for the following classes if you are requesting:**
 - **AP Geography**
 - **AP Art History**
 - **Oceans I**
3. **Alternative PE credit form if you plan to earn your second PE credit during Sophomore year**

SCHOOL COUNSELORS

Mrs. VanScoyoc

Director of Student Services

Counselor (students with last names N-Z)

bvanscoyoc@nm.k12.in.us

Mrs. Vellner

Counselor (students with last names A-M)

cvellner@nm.k12.in.us

A copy of these slides will be emailed to students and parents.