Munster High School - 4-year Plan Instructions

The completion of the Core 40 is an Indiana graduation requirement. Indiana's Core 40 curriculum provides the academic foundation all students need to succeed in college and the workforce. The courses listed below in YELLOW are required for the Core 40 Diploma, as well as the Academic/Technical Honors Diplomas.

STEP 1:

To begin: place all the classes listed under "Required Courses" in the 4-year plan matrix. Be mindful of which school year some classes must be taken during (for example: US History must be taken during 11th grade.)

NOTES:

Courses that are in only **1 box** are **SEMESTER** long courses (example: Health)

Courses that are listed in **2 boxes** are **YEAR-LONG** courses (for example: English 9).

For "Science Elective": List the actual course name in the boxes in the matrix (for example: list "Earth Space Science" or "Anatomy & Physiology")

Required Courses	
English 9 or Pre-AP	English 9 or Pre-AP
English 10 or *AP Seminar	English 10 or *AP Seminar
English 11 or AP Lang	English 11 or AP Lang
Composition or AP Lit	**World Literature** or AP Lit
Algebra 1	Algebra 1
Geometry	Geometry
Algebra 2	Algebra 2
Biology (or Pre-AP)	Biology (or Pre-AP)
Chem (or Pre-AP) / Physics / ICP	Chem (or Pre-AP) / Physics / ICP
Science Elective	Science Elective
Ancient Civ / or Pre-AP World	**Modern Civ** / or Pre-AP World
US History (11th) or AP	US History (11th) or AP
Government (12th) or AP	Economics (12th) or AP
PE I or **Weights I**	**PE II** or **Weights II**
Health	**Prep for College & Careers (PCC)**
***Personal Finance**	

*Denotes new course

STEP 2:

List any classes you have taken in 8th grade for high school credit or plan to take in Summer School before Freshman year, in the "Summer School or 8th Grade" section at the top.

STEP 3:

If you are working toward an **Academic Honors Diploma**, remember to add the following to your matrix:

2 extra Math Credits (Academic Honors requires 8 credits of Math total)
2 Fine Arts Credits
6-8 Credits World Lanugage (Academic Honors requires 6-8 credits of a World Language)
Additional AP/Dual Credit classes that align with your career goals.

If you are working toward a **Technical Honors Diploma**, remember to add the following to your matrix:

6 Credits in CTE Pathway classes
(Examples: Business Pathway Classes, Engineering Pathway Classes or a program at the ACC.)
Additional AP/Dual Credit classes that align with your career goals.

STEP 4:

Fill in the matrix with additional elective classes for all four years of high school.

Reminders:

Some classes have "Prerequisites" - classes you must take first in order to take the next class. The Course Guide has all the information about prerequisites. *For example: you must take all three Biomedical Science classes in order to apply for the Hospital Internship.*

If you want to attend the ACC during Junior or Senior year, you will only attend MHS for 1st, 2nd and 3rd hour. Make sure to list all 8 "ACC" boxes in your matrix to account for this!

Science:

Anatomy & Physiology	Anatomy & Physiology
AP Biology	AP Biology
Chemistry	Chemistry
AP Chemistry	AP Chemistry
Physics (or Honors)	Physics (or Honors)
AP Physics (Mech)	**AP Physics (Elec & Mag)**
Integrated Chem/Physics (ICP)	Integrated Chem/Physics (ICP)
Earth Space Science	Earth Space Science
AP Environmental Science	AP Environmental Science
Project BIO	Project BIO
Human Genetics	**Zoology**
Botany	**Advanced Microbiology**

Math:

Pre-Calculus (or Honors)	Pre-Calculus (or Honors)
AP Calculus AB	AP Calculus AB
AP Calculus BC	AP Calculus BC
AP Statistics	AP Statistics
Trigonometry	**Probability & Statistics**

Social Studies:

AP Psychology	AP Psychology
AP Human Geography	AP Human Geography
Pre-AP World Hist. & Geog.	Pre-AP World Hist. & Geog.
AP Government	AP Economics
World Geography	**Ethnic Studies**
Psychology	**Sociology**
Indiana Studies	**Advanced Sociology**

World Language:

Spanish I	Spanish I
Spanish II	Spanish II
Spanish III	Spanish III
Adv. Spanish IV	Adv. Spanish IV
AP Spanish V	AP Spanish V
French I	French I
French II	French II
French III	French III
Adv. French IV	Adv. French IV
American Sign Lang I (ASL)	American Sign Lang I (ASL)
American Sign Lang II (ASL)	American Sign Lang II (ASL)

Area Career Center

ACC PROGRAM (Jr or Sr Year)	**ACC PROGRAM (Jr or Sr Year)**
ACC PROGRAM (Jr or Sr Year)	**ACC PROGRAM (Jr or Sr Year)**
ACC PROGRAM (Jr or Sr Year)	**ACC PROGRAM (Jr or Sr Year)**
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ACC PROGRAMS

Automotive Services
Construction - Carpentry
Cosmetology/Barbering
Criminal Justice
Culinary Arts
Radio & Television
Electrical Engineering Maintenance Technician
Dental Careers
Digital Design & Graphic Arts
Early Childhood Education
Healthcare Specialist-C.N.A
Healthcare Specialist-EMT
Welding Technology 1 & 2

Graduation Pathways Classes:

Principles of Biomed. Science	Principles of Biomed. Science
Human Body Systems	Human Body Systems
Medical Interventions	Medical Interventions
Principles of Human Services	Principles of Human Services
Understanding Diversity	Understanding Diversity
Relationships and Emotions	Relationships and Emotions
Princip. of Entrepreneurship	Princip. of Entrepreneurship
New Ventures Development	New Ventures Development
Small Business Operations	Small Business Operations
Intro to Engineering Design	Intro to Engineering Design
Principles of Engineering	Principles of Engineering
Civil Eng. and Architecture	Civil Eng. and Architecture
Digital Electronics	Digital Electronics
Principles of Exercise Science	Principles of Exercise Science
Kinesiology	Kinesiology
Human Performance	Human Performance
AP Computer Science Prin.	AP Computer Science Prin.
AP Computer Science A	AP Computer Science A
Topics in Computer Sci.	Topics in Computer Sci.

Elective Classes:

Band	Band
Choir	Choir
Orchestra	Orchestra
Music Theory	**Piano & Keyboard**
Advanced Speech	**Debate**
Theatre Arts	**Technical Theater**
Creative Writing	**Journalism**
Student Media: Newspaper	Student Media: Newspaper
Student Media: Yearbook	Student Media: Yearbook
AP Studio Art	AP Studio Art
Ceramics I	**Intro to 2D Art**
Ceramics II	**Drawing I**
Ceramics III	**2D Art II**
Painting I	**Painting II**
Photography	**Intro to Sports Officiating**
Physical Conditioning I	**Physical Conditioning II**
Intro to Culinary I	**Intro to Culinary 2**
Peer Tutoring	**Study Hall**
Student Assistant	***Computing Foundations**
Principles of Business Mgmt.	Principles of Business Mgmt.
Marketing Fundamentals	Marketing Fundamentals

Internships:

Hospital Internship	Business Internship
Hospital Internship	Business Internship
STEM Internship PNW	IT Internship
STEM Internship PNW	IT Internship