

Class of 2027

Freshman Course Selection & Career Pathway Guide



Mt. Vernon Twp. High School
www.mvths.org

"Building a Better World, One Ram at a Time!"

Welcome to Mt. Vernon Township High School (MVTHS), home of the Rams! Whether you are arriving from District 80, a private/parochial school, one of the many Feeder Schools in the county or you are new to the Jefferson County area, we welcome you to MVTHS. Our goal is to assist incoming Freshmen in making a meaningful and enjoyable transition to high school. Over the next few months, several activities will take place that will help acquaint students and parents with the transition to MVTHS. Please feel free to contact the high school at any time with questions!

Sarah Watts

Freshman Counselor

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Ryan Maurer

Freshman Academy Principal

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PHONE NUMBERS AND OFFICES

Mt. Vernon Township High School		244-3700
Superintendent's Office	mandrews@mvths.org	246-1710
Principal's Office	rfatheree@mvths.org	246-1750
Athletic Office	senglish@mvths.org	246-1880
Attendance Office	mkoehnke@mvths.org	246-1722
Career Tech. Ed. Office	kandrews@mvths.org	246-1800
Freshman Academy	rmaurer@mvths.org	246-1180
Student Services	jlittlefair@mvths.org	246-1730
Nurse's Office	theinzman@mvths.org	246-1830
Special Education Office	mclodi@mvths.org	246-2100

FRESHMAN TIMELINE

January 23rd-27th	1st Visit - Initial Visit with Feeder Schools and Students
Jan. 30th - Feb. 3rd	2nd Visit - Course selection with students at feeder schools
April 2023	Tentative Orientation/MAP Testing/Tours at current MVTHS campus
July 2023	Registration - you will receive Skyward login information in the mail over the summer
August 2023	Opening Day for Freshmen only, tours of school, meet teachers
	School Begins
September 2023	Open House for all parents

ATHLETICS by season

A calendar of tryouts and summer camps will be given to the students during Orientation in the Spring.

FALL	WINTER	SPRING
Cheerleading – Spring tryouts	Boys' & Girls' Basketball	Boys' & Girls' Track
Boys' & Girls' Cross Country	Boys' & Girls' Bowling	Girls' Soccer
Boys' & Girls' Golf	Boys' Wrestling	Girls' Softball
Girls' Tennis	Cheerleading	Boys' Baseball
Boys' Football	Rockin' Rams – Spring tryouts	Boys' Tennis
Girls' Volleyball	Unified Basketball	Bass Fishing
Boys' Soccer		Unified Bass Fishing
Bass Fishing		
Unified Soccer		

EXTRACURRICULAR ACTIVITIES

Extracurricular activities are extremely popular at MVTHS. Over half of the student body participates in at least one club, sport or activity by the time they graduate. Activities should be an important part of a student's program in high school. MVTHS offers opportunities in almost every field of interest. Through activities, students discover talents and skills, create new friendships, and feel a sense of participation and belonging to the school. We encourage students to participate in at least one extra-curricular activity during the school year. There are many clubs and activities in which a freshman can participate. Students will receive information when they register for classes in the Winter and again during Orientation in the Spring. During Opening Day in August, students will get the chance to learn more about how to get involved.

ACES (Academic Challenge, formerly WYSE)
 Chess Team
 Club Unify
 Creative Writing Club
 Family, Career & Comm. Leaders of America (FCCLA)
 National FFA Organization
 Fellowship of Christian Athletes
 Fiction Addiction Book Club
 First Robotics Club
 Future Business Leaders of America (FBLA)
 Health Occupations Students of America (HOSA)
 Hi-Tri
 JAVA (Art and Literary Magazine)
 Lifesavers
 Korean Culture Club

Math Team
 Mock Trial
 National Honor Society (*join Sophomore year*)
 Operetta (*auditions in December*)
 Ram, White & Blue
 Scholar Bowl
 SkillsUSA
 Speech and Acting Team
 Student Council
 Students Against Destructive Decisions (SADD)
 Theater for Kids (*auditions in September*)
 Thespian Society
 Vernois Publications Group (Newspaper & Yearbook)
 YMCA Youth & Government



FREQUENTLY ASKED QUESTIONS

1. How is my student's placement determined in their academic classes and teams?

Freshman Academy teams are pre-determined by our computer information system. All teams are evenly distributed and taught by highly qualified teachers. Students are not allowed to request a specific team due to personal preference. Individual *course enrollment* may be based on the student's 8th grade teacher recommendations and standardized test scores. Placement decisions (Advanced Int. Algebra, Biology and Honors English) are based on individual MAP scores, recommendation from eighth grade teachers, and parent permission.

2. Can I request a course change in my schedule?

Students and parents are asked to make course selections carefully. The requests you submit are considered a contract with the school. Changes will be made on a limited basis during the registration process in August. Priority will be given to student schedules with incorrect courses, duplicate courses, and enrollment in an incorrect number of credits.

3. When will I get my schedule?

Online Registration will begin in late summer. Once online registration is complete, students will be able to view their schedule online through Skyward. Also, students may come to the school in person during the registration dates in August to receive a printed copy and tour the campus.

5. Should my student take all 7 classes or 6 classes with an academic support class (Study Hall)?

We recommend that all students consider the following before deciding:

- A study hall provides a structured time and place to work on homework assignments, get extra help in specific subjects, receive assistance with organization, or make up missed tests.
- For a student involved in extracurricular activities, a study hall provides extra time for homework completion.
- However, students do not earn a credit in study hall and sometimes need as many credits as possible to stay on track for graduation. (Students need to earn approximately 6 credits a year to stay on track.)

Talk to a counselor for more information on what would be your best choice if you need help deciding.

6. Should my student take a foreign language during freshman year?

If your student possesses self-discipline, strong study skills, and a good work ethic, he/she is encouraged to begin a foreign language during the freshman year. If, however, your student's study skills need remediation, he/she should postpone study of a foreign language until the sophomore or junior year. Study of a foreign language is not required for graduation but some colleges consider it an admission requirement.

7. Which courses does my student need to take for college?

All information pertaining to graduation requirements and college admissions can be found in the MVTHS Course Guide on the school's website. It is suggested that students check over this information and any questions can be directed to your student's counselor. Students will also meet individually and in groups during high school to create a 4-year plan for high school and discuss goals for their future.

8. What if my student is having difficulties in a class?

All remedies to a student having a problem in a class start with the student talking to the teacher. It is advised that a student make an appointment to meet a teacher before or after school to discuss the difficulties. No changes or drops occur without this first step. A meeting with the Counselor, Social Worker or Freshman Principal is a possible next step in order to come to a decision that is best for the student, including schedule changes, extra support and/or resources that are available for additional tutoring.

9. Does my student need to take summer school courses?

Summer school courses are used for remediation only, and are available to high school students once they have failed a class. We use an online course program for credit recovery only.

10. When may my student take Driver's Education?

Enrollment in driver's education is based on age. Cutoff dates are set during the semester before the student takes the class. Limited spots are available during the Fall Semester, with the majority of students taking the class either during the second semester of Freshman year or first semester of Sophomore year. Students do not get to sign up for Driver's Education class, but are ***selected*** based on the cutoff date and order of birthdays. The student must have a social security number, \$20 for an instruction permit issued by the Secretary of State's office through the Driver Education Department, parental consent, and have passed at least 8 classes in the previous two semesters.

13. How may my student see his/her counselor privately?

Students should schedule an appointment with their counselor, using the Student Services page on the school website to book an appointment online. Students may see their school counselor for academic advisement, discuss grades and credits, seek advice for college admission, or discuss personal concerns. A student who has a counseling relationship with a professional school counselor has the right to privacy and the promise of confidentiality, unless it violates the ethical guidelines for mandated reporting.

14. What kinds of support services are available at MVTHS?

Students experiencing difficulties at MVTHS should first talk to their counselor or social worker about options for additional support. Students can also be referred to the Multi-Tiered System of Support (MTSS) team, consisting of school counselors, social workers, administrators, content-area teachers and reading specialists. Appropriate intervention strategies to promote student success are recommended by the team, and may include: after school tutoring, co-teaching, instructional strategies in the classroom, math and literacy support classes, and academic support in a study hall.

15. When is the first day of school for freshmen?

The official first day is the same day as the rest of the students in August. However, Freshmen are encouraged to attend "Opening Day" which will be scheduled a couple of days earlier. On Opening Day, Freshmen will have the chance to meet their Freshman Academy Team of teachers, tour the campus, and get to know other Freshmen students.

STUDENTS WITH DISABILITIES

Mt. Vernon Township High School offers a wide continuum of services for students with disabilities. Students who have a medical diagnosis (e.g. Epilepsy, Anxiety, Diabetes, etc.) may be eligible to receive educational accommodations through a Section 504 Plan. To be protected under Section 504, a student must be determined to: have a physical or mental impairment that substantially limits one or more major life activities; or have a record of such an impairment; or be regarded as having such an impairment. To make a referral to determine Section 504 Plan eligibility, please contact your child's School Counselor. Students who are determined eligible for Special Education services will have an Individualized Education Program (IEP). Each and every IEP is unique for each child. Meetings are held annually to review the IEP in a meeting called an Annual Review. At that time, the team will discuss the student's present level of performance, review progress, set new goals and objectives, review accommodations, determine educational services and placement, review their Transition Plan, and more. Educational services can look very different for each student and may include one of or any combination of the following:

General Education with Support- Students receive instruction in the general education classroom with their IEP accommodations and receive instruction from only a general education teacher. A paraprofessional may be available in this setting to help provide support for the students and help implement IEP accommodations.

Co-Teaching- Students receive instruction in the general education classroom with IEP accommodations and receive instruction from two teachers, one who is a content specialist and the other who is an instructional specialist.

Academic Support/Study Skills- This course is similar to a structured study hall in which the students are eligible to receive course credit because they will be honing their executive functioning skills in this setting. Students are taught how to monitor their grades and missing assignments in Skyward, along with learning how to prioritize homework completion and develop study skills. The goal is to instill independence and self-advocacy skills for students to be able to utilize in their postsecondary settings. Students may also receive IEP accommodations in this setting if they are allowed extended time, alternate setting, and more.

Departmentalized Programming- Students receiving specialized instruction for certain classes based upon their deficit areas. Instruction is provided by a Special Education teacher and often a paraprofessional is available to help offer support. This is a smaller group setting and instruction is designed to help the students make progress and decrease the educational gap.

Self-Contained Programming- Students may have one or more classes in this small-group setting to receive structure and support for instructional and behavioral needs. This setting is beneficial for students who struggle with transitioning between classes and who may benefit from having one teacher for multiple classes. Students in this setting may be interested in participating in Special Olympics Traditional and/or Unified Sports.

Mt. Vernon East- This educational setting is designed to offer a consistent and structured small-group learning environment for students to develop self-control and coping mechanisms as they learn good decision-making strategies. This is done in conjunction with receiving individualized academic instruction and making educational progress towards meeting graduation requirements in a focused learning environment.

Life Skills Academic Programming (9th-12th grade)- Students will receive small-group academic instruction at their individual level with an emphasis on applying academics to real-life situations. Students will begin to develop vocational and independent living skills. Students in this setting may be interested in participating in Special Olympics Traditional and/or Unified Sports.

Readying Adults to Maximize Success (R.A.M.S.) Program/Life Skills Transition Programming (18-21 year-old students)-

Students will receive small-group vocational and independent living skills instruction and training in real life settings within the community to help the young adults successfully transition into sheltered, supportive, or competitive post-secondary outcomes. Students in this setting may be interested in participating in Special Olympics Traditional and/or Unified Sports.

Secondary Transitional Experience Program or S.T.E.P. Work Program- This is a grant-funded program designed to allow students with disabilities an opportunity to develop independent vocational skills. Students may work on campus, at other local schools, or in a competitive work setting in the community. Students attend a partial day of school and may work during one or more periods of school. They will receive course credit and receive a paycheck for their work. Priority is given to Seniors and Juniors and is based upon recommendations made by the students' IEP Case Managers who examine students' attendance, grades, and behavior. Students on the STEP Work Program become automatic clients of the Division of Rehabilitation Services (DRS) and will meet with a DRS counselor to help students make a seamless transition into their post-secondary settings (work or college).

Related Services- Some students may receive Physical Therapy, Occupational Therapy, Speech-Language, Vision, Hearing, and/or Orientation and Mobility services as determined by the IEP Team.

Any questions about Special Education programming can be directed to the

Mt. Vernon Township High School Special Education Office

Phone 618-246-2100

FRESHMAN COURSES 2023-2024

ENGLISH

*English I (1.0)
*Honors English I (1.0)
Principles of Media I (.5)/Principles of Media II (.5)
Vernois Yearbook (1.0)

*MATH

Comprehensive Algebra I.I (1.0)
Integrated Algebra I (1.0)
Advanced Integrated Algebra I (1.0)
Integrated Geometry (1.0) (*elective*)

*SCIENCE

Principles of Science (1.0)
Biology I (1.0)

SOCIAL STUDIES

*World Geography (.5)
*Civics (.5)
Law Studies (.5)
World History A (.5), World History B (.5)

*PHYSICAL EDUCATION

Health (.5)
Driver Education (.5)
Basic PE (.5)
Strength & Conditioning (.5)
Yoga & Pilates (.5)
Unified PE (1.0) (*Application required*)

ART

Exploratory Art Methods (1.0)
Sculpture (.5)
Intro Ceramics (.5), Intermediate Ceramics (.5)
Intro Drawing (.5), Intermediate Drawing (.5)
Intro Painting (.5), Intermediate Painting (.5)
Scene Shop for Theater A & B (1.0)

FOREIGN LANGUAGE

Spanish I (1.0)
Russian I (1.0)

MUSIC

Intro to Band (1.0)
Cadet Band (1.0)
Varsity Orchestra (1.0)
Beginning Guitar (.5), Intermediate Guitar (.5)
Intro to Piano (.5), Intermediate Piano (.5)
Beginning Choir (1.0)

AGRICULTURE

Intro to Ag Industry A (.5)
Intro to Ag Industry B (.5)

BUSINESS, MARKETING, & COMPUTER ED.

**Business & Tech. Concepts A (.5), Business & Tech B (.5)
Keyboarding & Formatting (.5)
Computer Concepts & Software App (.5)

FAMILY & CONSUMER SCIENCES

Intro to FCS (.5)
Child Development (.5)

HEALTH SCIENCE TECHNOLOGY

Orientation to Health Occupations (.5)
Principles of Biomedical Sciences-PLTW (1.0)

TECHNOLOGY & ENGINEERING

(A shop class safety test must be passed prior to earning shop privileges in each industrial and agriculture course requiring shop work.)

Industry Basics AW (Auto/Welding) (.5)
Industry Basics CE (Construction/Electricity) (.5)
Intro to Engineering Design-PLTW (1.0)

STUDY HALL

Study Hall A (no credit earned)
Study Hall B (no credit earned)

KEY

*Required Course
**Satisfies Consumer Education Requirement, must complete Business & Technology Concepts A & B or Ag Business Mgt A & B if this option is chosen.
I, II, III = Courses taught in sequence
A = 1st semester class only, B = 2nd semester class only
Students must be enrolled in at least 6 subj. each semester



SKYWARD LOGIN INFO

Username: _____

Pasword: _____

NAME	SCHOOL
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FRESHMAN REGISTRATION WORKSHEET

Please review the Freshman Course Guide, and fill out this worksheet with your requested courses. Additional decisions for classes may be made based on prerequisites, teacher recommendation and test scores.

1st Semester		2nd Semester	
	COURSE NAME		COURSE NAME
ENGLISH	<i>English I OR Honors English</i>	ENGLISH	<i>English I OR Honors English</i>
MATH	<i>Comprehensive Alg I.I OR Int. Algebra I OR Advanced Integrated Algebra I</i>	MATH	<i>Comprehensive Alg I.I OR Int. Algebra I OR Advanced Integrated Algebra I</i>
SCIENCE	<i>Principles of Science OR Biology</i>	SCIENCE	<i>Principles of Science OR Biology</i>
SOC STUDIES	<i>World Geography</i>	SOC STUDIES	<i>Civics</i>
PE/HEALTH*		PE/HEALTH/ DR ED*	
ELECTIVE		ELECTIVE	
ELECTIVE		ELECTIVE	
*If DOB is BEFORE 12/31/08, Health is 1 st Sem. and Dr. Ed. is 2 nd		*If DOB is AFTER 1/01/09, PE is 1 st Sem. and Health is 2 nd	

In case of a conflict or change in course offering, please select 3 additional "alternate" classes.	
ALTERNATE #1	
ALTERNATE #2	
ALTERNATE #3	

I have gone over my course selection and high school plans with my parents, and wish to enroll in the classes listed above. If I need to make a change in requests, I may do so before the end of this school year or submit a Schedule Correction Request before Registration in August.

Signature

Date



COLLEGE & CAREER PLANNING

- ❑ **Create a four-year high school plan.** Think about what you'd like to accomplish in the next four years.
 - ❑ Make sure you know which high school courses are required by colleges, and that you're taking the right classes as early as the ninth grade.
 - ❑ Research college admission requirements to ensure you qualify to get into the school you choose.
 - ❑ Determine the difficulty level of total course load
 - Consider all the courses you have chosen; how difficult will they be overall? Can you handle the rigor?
 - Are you taking Dual Credit and/or AP classes? (Usually taken during Junior and Senior year)
- ❑ **Start thinking about your life after school,** including the types of jobs that might interest you. Of course, these will change but it's good to start thinking about the possibilities.
 - ❑ Identify your interests (likes and dislikes) not just in classes but in every area. This will help you focus on your goals.
 - ❑ Talk to other people, such as your school counselor, teachers, recent college graduates who are working, professionals in the community, etc., about careers you might find interesting.
- ❑ **Meet with your high school counselor.** Your counselor knows how to help you get the most out of high school. Be sure to take some time during the school year to discuss post-high-school plans with him or her.
- ❑ **Participate in extracurricular activities.** Academics aren't everything. Explore your interest in a sport, school club, music or drama group, or community volunteer activity.
 - ❑ Remember that colleges would rather see real involvement in one activity instead of a loose connection to several.
 - ❑ If you're interested in playing sports in college, research the National Collegiate Athletic Association (NCAA) eligibility requirements. The NCAA requires completion of certain core courses found here ncaaclearinghouse.net.
- ❑ **Save for college.** It's not too late to put money aside for college. Every little bit helps! Learning about financial aid early on can also help you down the road.
- ❑ **Explore summer opportunities.** Look for a job, internship, or volunteer position that will help you learn about a field of interest.
- ❑ **Get familiar with the PSAT-related assessments and SAT®.** Most four-year colleges consider applicants' scores on college admission tests.

Helpful websites

Big Future - <https://bigfuture.collegeboard.org>

Campus Explorer - <https://www.campusexplorer.com/college-planning/high-school-freshman/>

My Future - <https://myfuture.com/college/college-planning-timeline>

4 Year Plan for High School

9th GRADE			
1st SEMESTER		2nd SEMESTER	
English:		English:	
Math:		Math:	
Science:		Science:	
Soc.Studies:		Soc.Studies:	
PE/Health:		PE/Health:	
Elective:		Elective:	
Elective:		Elective:	

10th GRADE			
1st SEMESTER		2nd SEMESTER	
English:		English:	
Math:		Math:	
Science:		Science:	
Soc.Studies:		Soc.Studies:	
PE:		PE:	
Elective:		Elective:	
Elective:		Elective:	

11th GRADE			
1st SEMESTER		2nd SEMESTER	
English:		English:	
Math:		Math:	
Science:		Science:	
Soc.Studies:		Soc.Studies:	
PE:		PE:	
Elective:		Elective:	
Elective:		Elective:	

12th GRADE			
1st SEMESTER		2nd SEMESTER	
English:		English:	
PE:		PE:	
Elective:		Elective:	
Elective:		Elective:	
Elective:		Elective:	
Elective:		Elective:	
Elective:		Elective:	

POST SECONDARY PLANS: ☐ Community College ☐ Trade School ☐ 4 Year University
☐ Military ☐ Join the workforce ☐ Other

CAREER INTEREST: _____

TIPS FOR EXPLORING CAREERS

1. Know What You're Good At
2. Know What You Like
3. Consider Future Goals & Your Desired Lifestyle
4. Don't Make a Decision Right Away
5. Learn Valuable and Transferable Skills

Even if you've identified your strengths and areas of interest, it may take you several years to determine exactly what your career should be. That's OK! You probably have to go out and explore in order to really find out what you want to do. Even though the career plans you make right after high school may likely change, it's important to spell out a plan to help keep you focused on the kind of career path that you want.

MVTHS Credit Requirements for Graduation

CLASSES	REQUIRED CREDITS	RECOMMENDED CREDITS*	ADDITIONAL INFORMATION
ENGLISH	4	4	<input type="checkbox"/> English I <input type="checkbox"/> English II (or English IIA and Performance Studies) <input type="checkbox"/> English III (<i>formerly American Literature</i>) <input type="checkbox"/> English IV
MATHEMATICS	3	4	<input type="checkbox"/> 1.0 credit in Int. Algebra I or Advanced Int. Algebra I <input type="checkbox"/> OR 2.0 credits in Comprehensive Algebra I.I & I.2 <input type="checkbox"/> Int. Algebra II or Comprehensive Algebra II <input type="checkbox"/> Math elective: _____
SCIENCE	2	3 or 4	<input type="checkbox"/> Science elective: Principles of Science or Biology <input type="checkbox"/> Science elective: _____
SOCIAL STUDIES	2	3 or 4	<input type="checkbox"/> 0.5 credit in Civics <input type="checkbox"/> 0.5 credit in Social Studies elective (World Geography, etc.) <input type="checkbox"/> 1.0 credit in American History (<i>required Junior year</i>)
PE & HEALTH	2	2	<input type="checkbox"/> 0.5 credit in Health <input type="checkbox"/> 1.5 credits in Physical Education and/or Dr. Ed. <i>Per IL State Law, students must be enrolled in Physical Education all 4 years, unless they qualify for exemption (Marching Band, Varsity Sports, etc.)</i>
CONSUMER EDUCATION	0.5 or 1.0	0.5 or 1.0	ANY ONE of the following: <input type="checkbox"/> 1.0 credit in Business Tech A & B <input type="checkbox"/> 0.5 credit in Personal Finance <input type="checkbox"/> 0.5 credit in Resource Management <input type="checkbox"/> 1.0 credit in Agriculture Business Management
ELECTIVES	1 or more	1 or more	Art, Music, Foreign Language, Agriculture, Business, Family & Consumer Science, Health Science Technology, Industrial Technology, or from any of the previous categories
TOTAL REQUIRED CREDITS	23	23+	<i>All Remaining credits can be earned by taking additional classes in any of the categories.</i>

*Recommended credits are based upon common college admissions standards.

MVTHS CAREER PATHWAYS



AGRICULTURE, FOODS & NATURAL RESOURCES



ARTS AND COMMUNICATIONS



FINANCE AND BUSINESS SERVICES



HUMAN AND PUBLIC SERVICES



INFORMATION TECHNOLOGY



MANUFACTURING, ENGINEERING TECHNOLOGY & TRADES



HEALTH AND SCIENCE TECHNOLOGY

AGRICULTURE, FOODS & NATURAL RESOURCES



RELATED CAREERS

Animal Scientist	Agriculture Equipment Operator	Game Warden
Agricultural Engineers	Animal Breeder	Florist
Wildlife Biologist Forester	Zoologist	Tree Service Worker
Environmental Engineer	Veterinarian	Farm Equipment Mechanic
Farmer	Veterinarian Technician	Gardener
Rancher	Food Scientist	Water Treatment Operator
Conservation Workers	Soil & Plant Scientist	Hazardous Material Specialist
Pesticide Handler	Waste Water Treatment Operator	Arborist

RELATED MVTHS COURSES

Intro to Ag Industry A&B	Horticulture Production & Mgt	Food & Nutrition I/II
Natural Resource Mgt & Conservation	Ag Business Management	Or to Health Occupations
Intro to Horticulture Science	Ag Communication & Leadership	Industry Basics AW/CE
Ag Mechanics & Technology	Biology	
Plant & Soil Science	Chemistry	
Animal Science	Human Physiology	
Veterinary Technology	Ecology	

ARTS AND COMMUNICATIONS



RELATED CAREERS

Actor	Sound Engineering Technician	Camera Operator
Producer/Director	Choreographers	Film Editor
Agent	Fashion Designer	Author
Art Director	Music Director	
Special Effects Artists	Conductor	
Broadcast Announcer	Photographer	
Editor	Make-up Artist	

RELATED MVTHS COURSES

Exploratory Art Methods	Scene Shop for Theater	Russian I, II
Dig. Photography & Video Production	AP Art History	Music Business
Intro, Intermediate, Adv Painting	AP Studio Art & Design	AP Music Theory
3D Modeling & Animation	Intro, Cadet, Symphonic Band	Principles of Media I, II
Intro, Intermediate, Adv Drawing	Varsity, Symphonic Orchestra	Newsroom
Intro, Intermediate, Adv Ceramics	Beginning, Treble, Chamber Choir	Yearbook
Intro, Intermediate, Adv 2D	Beginning, Intermediate Guitar	Poetry Appreciation
Sculpture	Beginning, Intermediate, Adv Piano	Performance Studies
	Spanish I, II, III, IV	Creative Writing

RELATED CAREERS

Administrative Assistant
Bank Teller
Cashier
Data Entry Clerk
Accountant
Budget Analyst
Economist
Financial Manager

Investment Banker
Loan Officer
Meeting/Convention Planners
Human Resource Specialist
Sales Agents
Auditor
Entrepreneur
Chief Executive Officer

Personal Financial Advisor
Financial Examiners
Actuary
Business Manager
Court Clerk
Paralegal
Insurance Agent
Marketing Manager
Real Estate Agent

RELATED MVTHS COURSES

Business & Technology
Personal Finance
Business Management
Investing 101
Accounting I/II
Business Law

Marketing/Advertising
Keyboarding
Computer Concepts
Webpage Design
Jefferson County CEO

Law Studies
Economics

**FINANCE AND BUSINESS SERVICES****RELATED CAREERS**

Teacher
Police Officer
Lawyer
Childcare Worker
Therapist/Counselor
Social Worker
Clergy

Politician
Librarian
Barber
Correctional Officer
Fire Fighter

RELATED MVTHS COURSES

Sociology
Psychology
Intro to FCS
Child Development
Childcare I/II
Parenting
Adult Living

Fire Science I/II
Biopsychology
Human Physiology
Law Studies
Political Science
Economics
Business Law

Spanish I, II, III, IV
Russian I, II
Keyboarding
Computer Concepts

**HUMAN AND PUBLIC SERVICES**

INFORMATION TECHNOLOGY



RELATED CAREERS

Computer System Analyst	Computer Network Support Specialist
Information Security Analyst	Video Game Design
Computer User Support Specialist	
Computer Programmer	
Web Developer	
Database Administrator	
Computer Network Architect	
Computer Occupations	

RELATED MVTHS COURSES

Keyboarding
Computer Concepts
Web Page Design
3D Modeling & Animation
Robotics I/II
Digital Electronics

MANUFACTURING, ENGINEERING TECHNOLOGY & TRADES



RELATED CAREERS

Engineer	Mechanic	Machinist
Architect	Chemical Technician	Maintenance Technician
Brick, Block and Stone Mason	Construction Manager	Pipefitter
Carpenter	Heavy Equipment Operator	Medical Equipment Technician
Plumber	Truck Driver	Sheet Metal Worker
Electrician	Highway Maintenance worker	Welder
General Contractor	HVAC & Refrigeration Technician	Wind Turbine Technician
Concrete Finisher	Lineman Millwright	

RELATED MVTHS COURSES

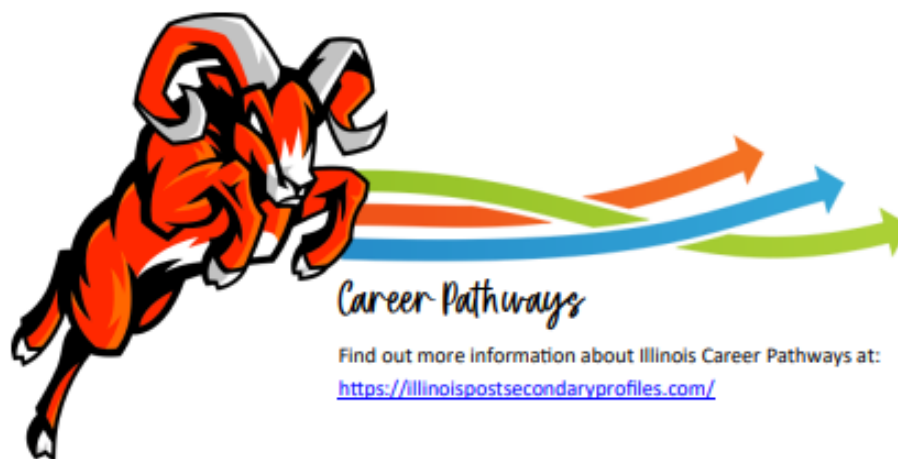
Ind Basics Auto/Welding	Industrial Maintenance I/II	Digital Electronics
Ind Basics Construction/Electricity	Building Trades I/II	Ag Mechanics & Technology
Or to Manufacturing I&II	Fire Science I/II	Food & Nutrition I/II
Intro to Construction	Automotive Technician I/II	Culinary I/II
Intro to Auto	Manufacturing I/II	
Intro to Electricity	Intro to Engineering Design	
Aviation	Principles of Engineering	

RELATED CAREERS

Nurse	Certified Nurse's Assistant
Doctor	Dentist
Dietitian	Nurse Practitioner
Pharmacist	Phlebotomist
Athletic Trainer	Medical Transcriptionist
Speech Language Pathologist	
Psychiatrist	
Dental Hygienist/Assistant	

RELATED MVTHS COURSES

Orientation to Health Occupations	Biology	Sociology
Medical Terminology	Chemistry	Psychology
Basic Nursing Assistant	Human Physiology	Spanish I, II, III, IV
Principles of Biomedical Science	Biopsychology	Russian I
Human Body Systems	AP Biology	Child Development
Medical Intervention	AP Chemistry	
Biomedical Innovations	Flesh & Bone	

**HEALTH AND SCIENCE TECHNOLOGY**

COURSE DESCRIPTIONS

Freshman Courses Only

The rest of the Course Handbook can be found under the Student Resources tab on the school's website www.mvths.org

LANGUAGE ARTS

English I EN100

English I includes the four strands of English (reading, writing, speaking, and listening). The focus of the reading is literature including fiction (short stories and novels), non-fiction, poetry, and drama. The fall semester features The Odyssey and the spring semester focuses on Romeo and Juliet. Students will use the writing process to write essays (pre-writing strategies, drafting, revising and rewriting, editing, and final copy). All incoming freshmen are required to take English 1. The course will include SAT preparation, with an emphasis on grammar skills, reading comprehension strategies, and logical expression. Honors English I is for students interested in a more challenging curriculum and who are interested in Advanced Placement English classes their junior and senior years. Students may get an application from their English teachers. Signed applications must be returned to English teachers within the first three weeks of the year. To receive honors credit the student must maintain at least a B average and complete a series of literary assignments stressing higher level thinking, reading, and writing.

CREDIT: 1 GRADE: 9

Honors English I EN101

Honors English I focuses on the study of various types of literature and writing, speaking, and listening for a variety of purposes. The course incorporates the appropriate use of technology. The literature includes fiction, poetry, non-fiction, the epic, drama, and the novel representative of different cultures, eras, and ideas. Writing assignments include major multi draft essays and informal types of writing such as journals. The course activities include listening and speaking skills through oral instruction, class and peer discussions, cooperative learning, performance and role playing, and formal speaking. Grammar will be taught in isolation as well as through writing. Honors English I will have a "similar" base curriculum as the traditional English I course, but with some slight differences to challenge students with an emphasis on building the essential skills for college readiness that will support student success in high school and project pathways to higher education. Honors English I will be treated as a PRE AP course.

CREDIT: 1 GRADE: 9

PREREQUISITE: Entry Reading Map score of at least a 226, recommendation from 8th grade English teacher, and enrolled in other higher core classes their freshman year such as Advanced Algebra I and/or Biology.

Principles of Media I EN400A

Principles of Media I is a semester course that focuses on reading, on academic, journalistic, and creative writing, on researching and preparing projects for publication or broadcast. Possible areas of publication include the school newspaper (Vernois News), yearbook (Vernois), school literary magazine (JAVA), and/or broadcasting service (A/V Club). Other areas include writing contests, production of school programs, and broadcast documentaries. This course is an elective course open to freshman, sophomore, juniors, and seniors interested in Journalism or Radio, TV, Film and Multimedia Areas of Study.

CREDIT: 0.5 GRADE: 9-12

Principles of Media II EN400B

Using technology as a primary tool, Principles of Media II is a semester course that focuses upon reading, on academic, journalistic and creative writing, and editing, researching, and preparing projects for publication or broadcast, with an emphasis in developing leadership functions such as layout editor, photography editor, and editor in chief of designing and editing campus publications and broadcasts. An emphasis on research of past publications, advertising design and sales and digital photography is part of this course. Possible areas of publication include the school newspaper (Vernois News), yearbook (Vernois), school literary magazine (JAVA), and/or broadcasting service (A/V Club). Other areas include writing contests, production of school programs, and broadcast documentaries. This course is an elective open to freshman, sophomore, juniors, and seniors interested in the Journalism, Radio, TV, Film, and Multimedia Areas of Study.

CREDIT: 0.5 GRADE: 9-12

PREREQUISITE: EN400A – Principles of Media I

MATHEMATICS

Comprehensive Algebra I.I MA115

This course serves as one of the Freshmen Academy's introductory mathematics courses at MVTHS. Students are enrolled in this course following successful completion of 8th grade mathematics. Students will need to successfully complete Comprehensive Algebra IA and IB to meet the Algebra 1 graduation requirement. Common core mathematics standards include topics/concepts related to: solving single-variable equations/inequalities, linear equations and inequalities, systems of linear equations/inequalities, evaluating functions, linear and exponential functions. Successful completion of Integrated Algebra I prepares students for enrollment in Comprehensive Algebra IB.

CREDIT: 1 GRADE: 9

Integrated Algebra I MA122

This course serves as one of the Freshmen Academy's introductory mathematics courses at MVTHS. Placement in this course is based in part upon 8th grade MAP Test Scores, teacher recommendations, successful completion of 8th grade mathematics, and other math-related factors. This course, in contrast to Comprehensive Algebra IA, starts at a more advanced set of lessons, progresses at a faster pace, and covers additional advanced lessons. In comparison to Foundations of Algebra I, common core mathematics standards include topics/concepts related to: solving single-variable equations/inequalities, linear equations and inequalities, systems of linear equations/inequalities, evaluating functions, linear and exponential functions, arithmetic with polynomials, solving quadratic equations, quadratic functions, and univariate statistics. Successful completion of Integrated Algebra I prepares students for enrollment in Algebra 2. ctions, and univariate statistics. Successful completion of Integrated Algebra I prepares students for enrollment in Geometry.

CREDIT: 1 GRADE: 9

Advanced Integrated Algebra I MA201

This course serves as one of the Freshmen Academy's introductory mathematics courses at MVTHS. Placement in this course is based in part upon 8th grade MAP Test Scores, teacher recommendations, successful completion of 8th grade mathematics, and other math-related factors. Adv. Algebra 1 reflects the Illinois learning standards at the high school level and is designed to give students the requisite skills for all future mathematics courses through real world problem solving. Students will explore writing, solving and graphing linear equations and inequalities, powers and exponents, quadratic equations, polynomials, factoring and statistics. Teachers will also pace assessments at an accelerated rate throughout this course as appropriate to student readiness. Advanced Algebra I provides the logic and modeling skills necessary to solve real world situations and scenarios vital to success in our continually changing global society. Advanced Algebra I offers the foundation for success in future, higher-level math courses. Students will develop an understanding of and appreciation for using mathematics to analyze patterns and explain solutions to complex real world problems in precise and logical detail, using modern technology where appropriate. Special Note: Instruction will be more rigorous in this class than the entry level Algebra I course. Students can concurrently enroll in Geometry. Successful completion of Adv. Algebra 1 prepares students for enrollment in Advanced Algebra 2.

CREDIT: 1 GRADE: 9

PREREQUISITE: MAP Score of 236 or higher and/or teacher recommendation

Integrated Geometry MA201

Students practice generating conjectures and observations, gradually building up to formal proof, engaging in a cycle of conjecture, rough draft, peer feedback, and final draft narratives. Students use transformation-based definitions of congruence and similarity, allowing them to rigorously prove the triangle congruence and similarity theorems, applying these theorems to prove results about quadrilaterals, isosceles triangles, and other figures. Students extend their understanding of similarity when they study right triangle trigonometry. Next, students derive volume formulas and study the effect of dilation on both area and volume. They use transformations and the Pythagorean Theorem to build equations of circles, parabolas, parallel lines, and perpendicular lines from definitions, and they link transformations to the concept of functions. Students analyze relationships between segments and angles in circles and develop the concept of radian measure for angles, which will be built upon in subsequent courses. They close the year by extending what they learned about probability in grade 7 to consider probabilities of combined events, including identifying when events are independent.

CREDIT: 1 GRADE: 9-12

PREREQUISITE: Concurrent enrollment in Advanced Int. Algebra I.

SCIENCE

Principles of Science SC100

Principles of Science is an introductory science survey course developed in accordance with the Next Generation Science Standards (NGSS), in which scientific and engineering practices along with the core ideas of Life Science, Chemistry, Physics, and Earth Science are blended to support students in developing foundational knowledge for upper-level high school science courses. Course presentation includes guided and independent modes of basic investigation. First semester course material will include Nature of Science, Motion, the Relationship between Energy and Forces, Laws of Thermodynamics, Newton's Laws of Motion and Gravity, Electromagnetic Waves and Earth and Sun. Second semester course material will include Energy, Structure, and Properties of Matter, Organization of the Periodic Table, Ecosystem interactions, Biogeology, Cell Structure, and Genetics. This course is intended to prepare students for expanded study in Biology, Ecology, Chemistry, and Physical Science courses.

CREDIT: 1 GRADE: 9

Biology SC200

Biology is a laboratory-based course focused on life processes, biodiversity and adaptations, and biological interactions. Topics covered during this course include scientific inquiry, biochemistry, central dogma, molecular genetics and heredity, natural selection, cellular metabolism, homeostasis, and ecology. The course emphasizes scientific inquiry, critical thinking, problem solving, experimental design, and scientific communication (i.e. scientific writing).

CREDIT: 1 GRADE: 9 – 12

PREREQUISITE: Meet or Exceed in Illinois Science Assessment, Entry Reading Map score of at least a 226, recommendation from 8th grade English teacher, and concurrently enrolled in Int. Algebra or Advanced Int. Algebra I.

SOCIAL STUDIES

Civics SO100

Civics, a one-semester course required at the freshmen level, is a study of national, state and local government with special emphasis on both the U.S. and Illinois Constitutions. Underlying the course of study, there is an attempt to make the student aware of the rights, duties, and responsibilities of the individual in a democratic society. Students completing Civics with a passing grade will have fulfilled graduation requirements for passage of the U.S. Constitution and Illinois Constitution tests.

CREDIT: 0.5 GRADE: 9

World Geography SO110A

This course focuses on students gaining an understanding of the world's physical features, how they blend with social systems and how they affect economies, politics and human interaction. Students will learn the broad concepts of spatial patterns, mapping, population and physical systems (land, air, water). The combination of geographic facts and broad concepts will provide a deeper understanding of geography and its effects on individuals and societies.

CREDIT: 0.5 GRADE: 9

World History A SO120A

World History A—very early times to 1100 A.D. -- is a first semester course which presents a general view of the development of mankind from early man through the middle ages. Early Incas and Aztecs in America, and Civilizations in India and China are included.

CREDIT: 0.5 GRADE: 9-12

World History B SO120B

World History B—after 1500 A.D.—is a second semester course which presents a general view of man in modern civilization since the middle ages. This course includes the time of the French Revolution, the rise of communism, World War I, the rise of Hitler, and World War II. If time permits, the post-World War II era is included. CREDIT: 0.5 TYPE: Regular GRADE: 9-12 Law Studies SO130 Course ID: 04162A000 Law Studies courses examine the history and philosophy of law as part of U.S. society and include the study of the major substantive areas of both criminal and civil law, such as constitutional rights, torts, contracts, property, criminal law, family law, and equity. Although these courses emphasize the study of law, they may also cover the workings of the legal system

CREDIT: 0.5 GRADE: 9-12

Law Studies SO130

Law Studies courses examine the history and philosophy of law as part of U.S. society and include the study of the major substantive areas of both criminal and civil law, such as constitutional rights, torts, contracts, property, criminal law, family law, and equity. Although these courses emphasize the study of law, they may also cover the workings of the legal system

CREDIT: 0.5 GRADE: 9-12

PHYSICAL EDUCATION

Basic PE PH200

Advanced team and individual sports, plus lifetime activities. Class will focus on fitness concepts and developing personal fitness goals addressing the health-related fitness components of flexibility, muscular strength, muscular endurance, cardiovascular endurance, and body composition. This class will concentrate on lifetime activities, strategy, problem solving, and team building.

CREDIT: 0.5 GRADE: 9-12

Unified Physical Education PH210

Unified Physical Education provides a unique opportunity for students with and without disabilities to work together through ongoing education to increase competence and confidence in a variety of lifetime activities, physical fitness, and sports. It is structured around the national physical education standards and grade-level outcomes. Additionally, the class supports the development of leadership skills for all students as well as the empowerment of ALL students to foster an inclusive class and school-wide environment. Students in Unified Physical Education may have the opportunity to participate in competitions with other schools and attend Special Olympics Unified Sports events. **APPLICATIONS DUE BY MARCH 1st.**

CREDIT: 0.5 GRADE: 9-12

Yoga and Pilates PH250

Yoga and Pilates will introduce students to various beginning Yoga and Pilates poses such as mountain, downward dog, camel, and warrior poses. This class will focus on increasing student's flexibility, strength, and balance while also promoting relaxation. Students will also learn basic anatomy of muscles and bones used during the poses. Walking will also be an integral part of this class to help improve the cardiovascular fitness of students.

CREDIT: 0.5 GRADE: 9-12

Strength and Conditioning PH300

This section is a specialized course for, but not limited to, the high school athlete. The students will develop and implement an individualized weight-training program. This class emphasizes physical development and improvement through weight training, aerobic exercise, plyometric exercise, and a wide variety of sport specific training techniques. Classes will concentrate on fitness concepts and developing personal fitness goals addressing the health-related fitness components of flexibility, muscular strength, muscular endurance, cardiovascular endurance, and body composition. In addition to the physical training aspect students will learn team-building skills, basic nutrition, anatomy, and physiology of exercise.

CREDIT: 0.5 GRADE: 9-12

Health PH101

Health is a one-semester course required for graduation. Primary emphasis is directed toward current health issues critical to the adolescent. Special attention is focused upon understanding of family living, human reproduction, communicable disease, mental-emotional health, drug education, nutrition, weight control, as well as select other areas of interest. It is the purpose of the course to encourage and guide students to a better understanding of themselves and to make sound decisions regarding their own personal health. There are no prerequisites and all health classes are coeducational.

CREDIT: 0.5 GRADE: 9-12

Driver Education PH201

To meet State legal requirements, eligible sophomores will be required to enroll in one semester of Safety Education. A student eligible for the Safety Education course at Mt. Vernon Township High School must receive a passing grade in at least eight courses during the two semesters prior to taking Safety Education. The exception to this procedure is that the Superintendent may waive this requirement based upon the written appeal of a student stating the reason for requesting the waiver. Students can pick up a waiver form in the Guidance Office. This course will include instruction in Driver Education, Driver Training Simulation, and behind-the-wheel Driver Training. In order to obtain a driver's license at sixteen years of age, a student must complete this course.

CREDIT: 0.5 GRADE: 9-12

ART

Exploratory Art Methods AR100

Formerly known as Intro to Art, Exploratory Art Methods is a year-long, introductory course for freshmen, sophomores, juniors, and seniors. Students will study the elements and principles of art through a variety of art media and techniques to prepare them for success in any studio course. It is the prerequisite for any higher level art/studio course. Aside from mastering the elements and principles of art, students will be challenged to think creatively, and use art as visual expression. Students will work with sketchbooks and developing a student portfolio that will provide a place to upload images of artwork and the opportunity to add to build upon the portfolio in future art courses.

CREDIT: 1 GRADE: 9-12

Introduction to Ceramics AR210

A semester course in which students are introduced to the functions of a ceramics studio, all six hand-building techniques, introduction to wheel throwing, and multiple finishing techniques such as slips and glazes. Students will learn and perform studio safety techniques as well as clay mixing and daily studio care & maintenance. Students will keep portfolios to record their artistic investigations and final artwork pieces.

CREDIT: 0.5 GRADE: 9-12

Intermediate Ceramics AR211

A semester course that continues the applications taught in Introduction to Ceramics by utilizing all the building methods learned to plan for and execute ceramics artwork. Utilizing the wheel and working with thrown objects is the majority focus at the Intermediate level as well as more refined hand building projects. Students will continue to keep and add to their portfolios to record their artistic investigations and final artwork pieces.

CREDIT: 0.5 GRADE: 9-12

PREREQUISITE: AR210

Sculpture AR220

A semester course that utilizes the elements and principles to build three dimensional, sculptural objects with a variety of materials. Students will learn an assortment of techniques with multiple mediums and explore the creation of artwork in space. Students will keep portfolios to record their artistic investigations and final artwork pieces.

CREDIT: 0.5 GRADE: 9-12

Introduction to Drawing AR230

A semester course in which students are introduced to the fundamentals of drawing. Students will focus on building accuracy through observation as they progress through a variety of exercises and projects. Students will explore how line, value, shape, and texture are used to create visually interesting drawings with the use of a variety of drawing media. Students will be expected to participate in oral and written critique and reflection of art work.

CREDIT: 0.5 GRADE: 9-12

Introduction to Drawing AR231

A semester course in which students continue to explore a variety of drawing media. Student learning will focus on ways to utilize mixed drawing media and how to apply it to form dynamic compositions. Students will be expected to develop problem solving skills through exploration and investigation through research of artists and artwork. Students will be expected to participate in oral and written critique and reflection of artwork.

CREDIT: 0.5 GRADE: 9-12

PREREQUISITE: AR230

Introduction to Painting AR300

A semester course in which students explore color theory using a variety of painting media as well as technique and application. Students will use art terms and vocabulary to write critical evaluations of their own work.

CREDIT: 0.5 GRADE: 9-12

Introduction to Painting AR301

A continuation of application and mediums introduced in Painting 1 but working with thematic assignments that begin to explore self-expressive endeavors. Students will build upon their knowledge and have opportunities to choose mediums to help create their desired effect and end result of an idea.

CREDIT: 0.5 GRADE: 9-12

PREREQUISITE: AR300

Scene Shop for Theater

This course incorporates authentic hands-on learning about all the behind the scene parts of a theatrical production. This includes mock-ups and concept art, prop design and basic construction, scene painting, basic tech mechanics such as sound and lighting, costume, make-up and prosthetics, and graphic design and promotion. Students in this class will be creating scenery and props for our fall Children's Theater performance and our Spring Operetta performances.

CREDIT: 1.0 GRADE: 9-12

FOREIGN LANGUAGE

Spanish I FL110

Spanish I, a full-year course open to freshmen, sophomores, juniors, and seniors, is the rigorous study of basic, everyday Spanish. Emphasis will be placed on acquiring practical vocabulary, grammar, and conversational skills, and achieving a basic understanding of Hispanic culture and geography. Students will engage in basic writing, reading, listening, and speaking activities. Students planning to go to college need this course (or French I) since most colleges require a student to have passed at least two years of the same foreign language.

CREDIT: 1 GRADE: 9-12

Russian I FL500

The course is an introduction to modern standard Russian language for students without previous experience in Russian. Students will learn the Cyrillic alphabet, fundamentals of grammar and syntax, and vocabulary. Students will learn to read and write in Russian, and to have and understand spoken conversations. Topics will include those which would enable students to function in Russian in everyday situations, such as leisure activities, transportation, music, sports, school, eating, holidays, and daily life.

The course will include a cultural component, including Russian geography and culture. The textbook will be supplemented with internet-based resources including the wealth of Russian-language content available on the web, as well as contemporary Russian media including music, video, and written word.

CREDIT: 1 GRADE: 9-12

MUSIC

Intro to Band MU105

Students who have not had the opportunity to study woodwinds, brass, or classical percussion can join Beginning Band to get started. Over the year, participants will learn the hard, yet rewarding, work in playing a musical instrument. The students and instructor will select an appropriate instrument from the following: flute, clarinet, saxophone, trumpet, trombone, euphonium, or classical percussion. Over the year, students will learn musicianship and performance in the context of their own instrument.

CREDIT: 1 GRADE: 9-12

Cadet Band MU100

Cadet Band, intended to pick up where 8th grade left off, serves students with experience on a woodwind or brass instrument. Students will learn the necessary skills to perform high quality music and will also perform alongside the symphonic band and learn from the top MVTHS musicians in a variety of settings. Additional requirements for Cadet Band include Recommendation from your current 8th grade music teacher, Summer Marching Band Camp, Marching Rams, and a variety of concerts and performances throughout the school year.

CREDIT: 1 GRADE: 9-12

Varsity Orchestra MU120

Varsity Strings (Orchestra) is composed of first year students who have prior string knowledge. Emphasis is placed on the fundamentals of music and string playing. Students will participate in a variety of concerts, for example, the Fall Concert, the Christmas Musicales, the Music in Our Schools Concert, D201F Concert, as well as solo-ensemble contest.

CREDIT: 1 GRADE: 9-12

Beginning Guitar MU115

Beginning Guitar is designed for students who wish to learn to play the guitar, or for students who already play but wish to learn the fundamentals of music notation and tablature. The course will cover basic open chords, moveable chords, accompaniment techniques, and a variety of playing techniques and styles. This course will also include study of the guitar's role in modern music and study of notable artists.

CREDIT: 0.5 GRADE: 9-12

PREREQUISITE: Students are required to bring their own acoustic or electro-acoustic guitar to use in class. A safe storage location will be provided.

Intermediate Guitar MU195

Students will continue to learn intermediate to advanced techniques on the guitar. This course picks up where Beginning Guitar left off. Students will learn how to read melodies written in standard notation on the guitar. They will also learn the tablature style of music notation. Additionally, they will learn how to transpose the chords they learned in Beginning Guitar using Barre chords.

Student assessments will be through proficiency exams and in class recitals. Students will also participate in a performance project tailored to their future goals on guitar. All styles are welcome, blues, jazz, classical, rock, country...etc.

CREDIT: 0.5 GRADE: 9-12

PREREQUISITE: Students are required to bring their own acoustic or electro-acoustic guitar to use in class. A safe storage location will be provided.

Introduction to Piano MU160

This course is designed for students who wish to develop basic piano playing skills and composition skills, or expand on their existing skills. Students will learn the principles of piano playing, beginning with score reading and basic music theory. It progresses next to composing melodies and accompaniment and then to harmonization and improvisation. Students may also learn about sight reading, technical exercise to aid in the development of skills used in the playing of the instrument, and ultimately, the addition of beginning piano repertoire, depending on individual advancement. Time in class will be spent both on and off the keyboards. While playing, students will be working individually and in small groups to master the techniques of playing and to learn pieces. There will also be time spent in group instruction on musical notation for composition. Participation in this course will also allow students to explore career options in the music field, use creating and critical thinking skills, and develop leadership skills.

CREDIT: 0.5 GRADE: 9-12

Intermediate Piano MU165

This course is designed for students who wish to expand on their piano playing skills and composition skills. Students will reinforce and advance the principles of piano playing, beginning with score reading and intermediate music theory, then progress with harmonic composition and full accompaniments. Students will also develop their sight reading, and technical abilities to aid in the development of skills used in the playing of the instrument. Depending on the level of each player, students may also be asked to accompany other instruments, such as band or chorus members during class time. Like the Introduction course, time in class will be spent both on and off the keyboards. While playing, students will be working individually and in small groups to master the techniques of playing and to learn repertoire. There will also be time spent in group instruction on musical notation for composition. Participation in this course will also allow students to explore career options in the music field, use creating and critical thinking skills, and develop leadership skills.

CREDIT: 0.5 GRADE: 9-12

PREREQUISITE: Intro to Piano, or Written and Playing Audition

Beginning Choir MU180

A non-auditioned mixed ensemble, open to students in grade 9- 12. All incoming freshmen sing in this choir. This course emphasizes fundamentals of vocal technique, music reading, music theory, and the basic elements of performing choral music. This mixed SATB choir is designed for all students to like to sing and want to improve their voices and musical skills. This choir participates in public performances, and is a prerequisite to Treble Choir and Chamber Choir. Rehearsals are almost all during the school day.

CREDIT: 1 GRADE: 9-12

AGRICULTURE EDUCATION

*Shop Class Safety Policy applies to all CTE shop based courses (see full policy in back of MVTHS Course Handbook).

Introduction to Agriculture Industry A AG105A

This orientation course provides an opportunity for students to learn how the agricultural industry is organized; its major components; the economic influence of agriculture at state, national and international levels; and the scope and types of job opportunities in the agricultural field. Basic concepts in plant science, agribusiness management, natural resources, food science, food science technology, environmental science and parliamentary procedures will be presented. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts. 22 Length of course: 1 Semester

CREDITS: 0.5 GRADE: 9-12

Introduction to Agriculture Industry B AG105B

This orientation course provides an opportunity for students to learn how the agricultural industry is organized; its major components; the economic influence of agriculture at state, national and international levels; and the scope and types of job opportunities in the agricultural field. Basic concepts in animal science including small and large animal production, and animal wellness and management will be presented. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts. Length of course: 1 Semester

CREDIT: 0.5 GRADE: 9-12

BUSINESS EDUCATION

Business and Technology Concepts A BU100A

In this first semester course, students will be provided with an overview of all aspects of business, marketing and management, including the concepts, functions, and skills required for meeting the challenges of operating a business in a global economy. Topics covered will include the various forms of business ownership, including entrepreneurship, as well as the basic functional areas of business (finance, management, marketing, administration and production).

CREDIT: 0.5 GRADE: 9-12

Business and Technology Concepts B BU100B

In this second semester course, students will be introduced to a wide range of careers in fields such as accounting, financial services, information technology, marketing, and management. Emphasis will be placed on using the computer while studying applications in these careers along with communication skills (thinking, listening, composing, revising, editing, and speaking), math and problem solving. Business ethics, as well as other workplace skills, will be taught and integrated within this course. Length of course: 2 Semesters

CREDIT: 0.5 GRADE: 9-12

*Business Tech A & B Satisfies Consumer Education Requirement

Keyboarding and Formatting BU110A

This course is designed to develop basic skills in touch keyboarding techniques for entering alphabetic, numeric, and symbol information found on computers. Students will learn to edit and format text and paragraphs, change fonts, work with headers and footers, cut and paste text, create and use tab keys, create labels, and work with multiple windows. Students will format documents such as letters, envelopes, memorandums, reports, and tables for personal, educational, and business uses. During the second half of the course, major emphasis is placed on formatting documents, improving proofreading skills, and increasing speed and accuracy. Length of course: 1 Semester

CREDIT: 0.5 GRADE: 9-12

Computer Concepts and Software Applications

Students will apply problem-solving skills to hands-on, real-life situations using a variety of software applications, such as word processing, spreadsheets, database management, presentation software, and desktop publishing. Students will learn to conduct research on the Internet, explore topics related to computer concepts, operating systems, telecommunications and emerging technologies. The development of employability skills, as well as transition skills, will be included in the course as well as an understanding of the ethical considerations that arise in using information processing equipment and gaining access to available databases.

CREDIT: 0.5 GRADE: 9-12

Entertainment Technology

This course offers an introduction to film, television, music production, and sound engineering/design. Students will be exposed to a variety of hardware and software applications that are industry standard in film, television, and music production. Instructional units include studio etiquette, signal flow, commercial publishing and production, editing, comping, communication, sound design, basic understanding of console workflow, software and hardware technology. Students will receive basic understanding of a technology based industry and ways to maintain cutting edge techniques in an ever evolving environment.

CREDIT: 0.5 GRADE: 9-12

FAMILY AND CONSUMER SCIENCE

Intro to Family and Consumer Sciences FA103

This course introduces students to the field of family and consumer sciences and the many career opportunities available in this broad field. The course includes theory and laboratory experiences in the following content areas: Nutrition and culinary arts; textiles and design; family, career, and community leadership development; resource management; human development and life-long learning; facility design, care, and management; and interpersonal relationships and life management skills. Length of course: 1 Semester

CREDIT: 0.5 Grade: 9-12

Child Development FA110

Child Growth and Development addresses the knowledge, skills, attitudes, and behaviors associated with supporting and promoting optimal growth and development of infants and children. The focus is on research-based nurturing and parenting practices and skills, including brain development research, that support positive development of children. Students will explore opportunities in human services and education-related careers and develop a career portfolio. After successful completion students will receive ECE Level 1 Certification. Length of course: 1 Semester

CREDIT: 0.5 Grade: 9-12

HEALTHCARE EDUCATION

Orientation to Health Occupations HE100

The course will expose students to the variety of opportunities available within the healthcare industry (e.g., such as nursing, 28 therapy, vision and dental care, administrative services, and lab technology) which include classroom and community-based activities. The main purpose of this course is to assist students in further development of their self-concept and in matching personal abilities and interest to a tentative career choice. Course content will provide in-depth information into health occupations careers and trends, the occupational and educational opportunities and the educational, physical, emotional and attitudinal requirements. Basic first aid and CPR are also taught. Length of course: 1 Semester

CREDIT: 0.5 Grade: 9-12

Principles of Biomedical Sciences (PBS)

Students explore concepts of biology and medicine to determine the factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems. This course is designed to provide an overview of all the courses in the Biomedical Sciences Program and lay the scientific foundation for subsequent courses. College credit can be received by students who complete this course. Project Lead the Way (PLTW) Foundation Course Length of course: 2 Semesters

CREDIT: 0.5 Grade: 9-12

Dual Credit: Missouri University of Science and Technology

ENGINEERING & INDUSTRY

*Shop Class Safety Policy applies to all CTE shop based courses (see full policy in back of handbook).

Industry Basics AW (Automotive / Welding) IN100

This course includes 2, 9-week segments, with the two courses being Automotive and Welding. (A shop safety test must be passed in order to earn shop privileges. Be advised: misconduct in the shop can result in removal from the course.) Successful completion of this two-segment course provides the orientation needed to enter into the Intro to Automotive and/or Orientation to Manufacturing courses. Length of course: 1 Semester

CREDIT: 0.5 Grade: 9-12

Industry Basics CE (Construction / Electricity) IN101


This course includes 2, 9-week segments, with the two sections being Construction/Drafting & Electricity. Each segment will cover the resources, technical processes, industrial applications, technological impact and occupations encompassed by that system. (A shop safety test must be passed in order to earn shop privileges. Be advised: misconduct in the shop can result in removal from the course.) Successful completion of this two segment course provides the orientation needed to enter into the Intro to Construction, Intro to Drafting and/or Intro to Electricity courses.

CREDIT: 0.5 Grade: 9-12


Intro to Engineering Design (IED): Design & 3D Print IN150

In this course, students learn to create and design 3D models. Students are introduced to the top engineering and design program in the country, through hands-on projects using the engineering design process, applying math, science, and engineering standards. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work. Project Lead the Way (PLTW) Foundation Course/ Continental Tire (Industrial Maintenance and Mechanics Strand).

CREDIT: 1.0 Grade: 9-12

 The circles on the map represent offices and important locations on campus:

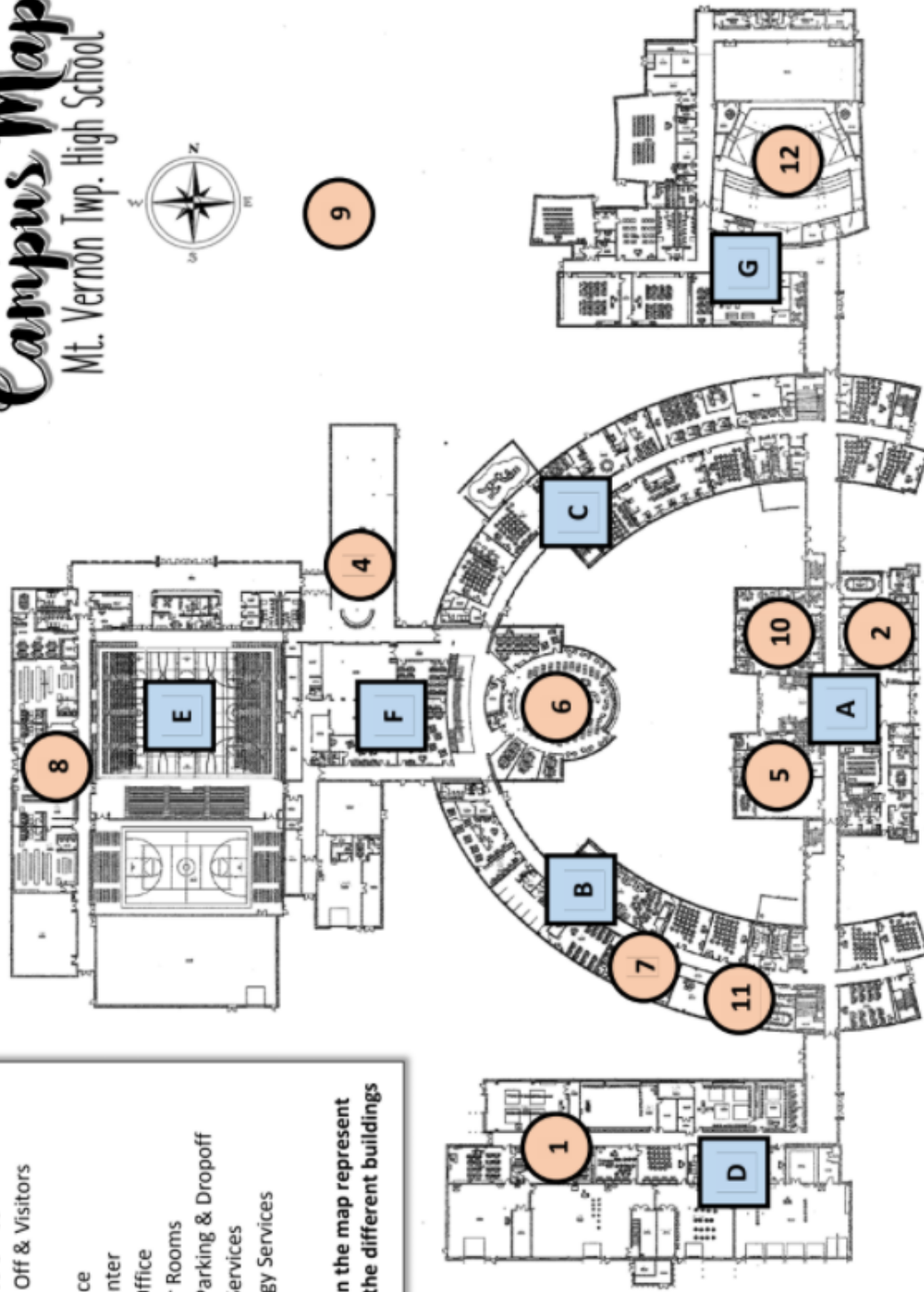
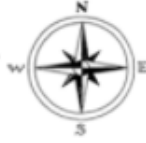
1. CTE classes
2. Attendance Office
3. Bus Drop Off & Visitors
4. Cafeteria
5. Main Office
6. Media Center
7. Nurse's Office
8. PE Locker Rooms
9. Student Parking & Dropoff
10. Student Services
11. Technology Services
12. Theater

 The squares on the map represent the letters of the different buildings

Academy: _____ Lunch: _____ Team: _____

Campus Map

Mt. Vernon Twp. High School



← Ambassador Road →

← North Wells Bypass →

**This map represents 1st floor plans, additional classrooms and offices are also located on the 2nd floor in A,B and C Buildings.