Course Selection Night

2020-2021

Dr. Scola, Superintendent
Dr. Seiple, Asst. to the Superintendent
Mrs. Houck, Principal
Mr. Abels, Assistant Principal
Mrs. Henry, HS Counselor
Mrs. Hively, HS Counselor

HPSD Mission Statement

The Hanover Public School District is committed to excellence in education by nurturing, challenging, and inspiring all students to achieve their full potential and to become productive citizens in a global community.

Tonight's Program

- General information

- Introduction to Naviance

- Educational Planning Guide

- Scheduling process and timeline

- Gallery walk with teachers

HHS:
A Comprehensive High School
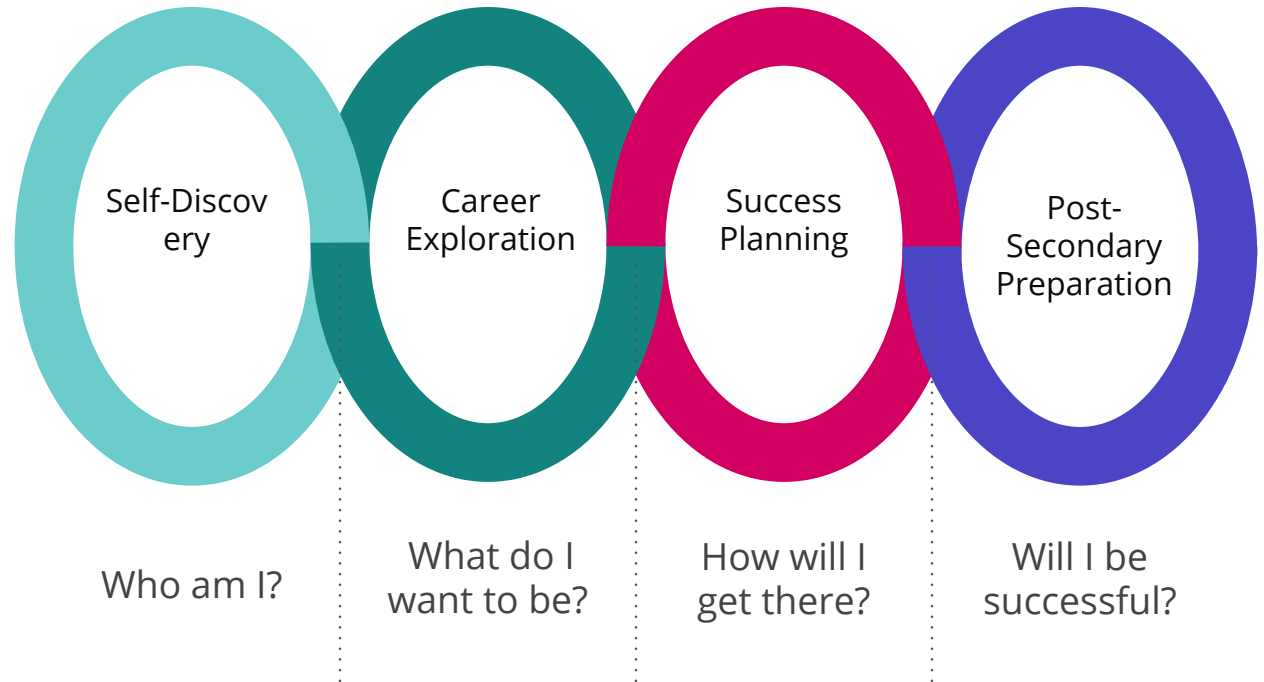
JOB vs. CAREER

Job vs Career

JOB

- Something you "have" to do to survive

- High turnover

- Little to no training

- Is not planned

CAREER

- Something you "choose" to do - it's your purpose

- Longevity

- Requires advanced training

- Planned and specific

What is Naviance?

Connecting Learning to Life

Self-Discovery	Career Exploration	Success Planning	Post-Secondary Preparation
Who am I?	What do I want to be?	How will I get there?	Will I be successful?

Naviance is a comprehensive K-12 college and career readiness solution that will help align your strengths and interests to postsecondary goals.

HOBSONS

Naviance

Naviance Student allows you to:

- **Get involved in the planning and advising process** – Build a resume, complete online surveys, and manage timelines and deadlines for making decisions about colleges and careers
- **Research colleges** – Compare GPA, standardized test scores, and other statistics to actual historical data from our school for students who have applied
- **Research careers** – Research hundreds of careers and career clusters, and take career assessments
- **Create plans for the future** – Create goals and to-dos, and complete tasks assigned to you by the school

The Student Journey in Naviance

Home Page

1. **Welcome Message**: Look for important school-related messages.
2. **My Favorites**: Easily access lists of the colleges, courses, and careers you've favorited.
3. **Important To-Dos and Tasks:** Get easy access to upcoming or overdue To-Dos and Tasks.
4. **What's New**: Search for and keep track of scholarships.

Colleges Page

1. ***Find Your Fit***: Use tools like SuperMatch and Scattergrams to identify your best-fit college.
2. ***Research Colleges***: Dig deeper into colleges of interest using tools like Acceptance History.
3. ***Apply to Colleges***: Manage college applications and corresponding documentation.
4. ***Scholarships & Money***: Search for and keep track of scholarships.
5. ***College Visits***: Check out and sign up for colleges visiting the school.

New and Improved SuperMatch

Tooltips guide you through searching over 20 new filters to find your best-fit institution.

SuperMatch College Search   About SuperMatch

Choose Fit Criteria | Location | Academics | Admission | Diversity | Institution Characteristics | Cost | Student Life | Athletics | Resources

Your Fit Criteria   Saved Searches Choose one | Save Search | Start Over

5 selected criteria
To refine your results, use the arrows to move your criteria into the "Must Have" and "Nice to Have" boxes.

Must Have
X Location [7] →   X Major [1] →
X Campus Surroundings [1] →

Nice to Have
X Internships and Co-ops ←   X Offers Study Abroad ←

Your Results   Your results include **15 institutions** with a fit score of 90%

See WHY a College got a Certain Fit Score.

	Fit Score		Cost	Admission Info
Western New England University	100%	Coed	Tuition & Fees $31,730	Acceptance Rate 80%
Springfield, MA, Small City	Why?	% Male/Female 55-45	Room & Board $12,894	Accepts Common App
4 year, Private nonprofit		Out of State 49%		App Fee $40
PINNED		Minorities 18%		Test Optional
FAVORITE				

Pin and Favorite Colleges of Interest

Search by Co   1 PINNED ▼   THINKING ABOUT 0   APPLYING TO 0

Compare your Pinned Colleges

HOBSONS

Careers Page

1. ***Explore Careers and Interests***: Participate in career-related assessments and view your favorite careers and clusters.
2. ***Roadtrip Nation Interview Archive***: Access over 5,000 videos that focus on various interests and themes related to careers.
3. ***Career Assessments***: View and take all accessible assessments to tell you more about yourself and your interests.

College Profiles

Get a lot of great information, including info about student life, admissions, and costs!

Check out Scattergrams for this college using the Admissions tab

HOBSONS

Educational Planning Guide

Hanover High School

Hanover Public School District

Educational Planning Guide
2020 - 2021
Revised 2/20/2020

Graduation Requirements

English	4
Social Studies	3 or 4
Math	3 or 4
Science	3 or 4
Health	1
Phys. Ed.	2
Electives	10
	26 credits

Credit Count

Sophomore - 6

Junior - 12

Senior - 19

Course Levels

- ❖ **(Level 1): Introductory** Course work focuses on exposing student to the topic and giving students real-world applications for a successful career

- ❖ **(Level 2) Academic**: Course work focuses on theoretical concepts and applications to make students college ready

- ❖ **(Level 3) Honors:** increased rigor, faster pace, more independence expected

- ❖ **(Level 4) Advanced Placement :** Meet specific College Board Criteria as equivalent to college level courses

- ❖ **Dual Enrollment**

COURSE WEIGHTING

Course weights are assigned to all courses that are graded on a percentage scale. Course weights have the purpose of denoting rigor on transcripts and calculating grade point averages (GPA). Course levels are noted in each course description found in this Educational Planning Guide.

The following weights apply to the class of 2021:

Level	Descriptor	Weight
Level 1	Introductory	1.0
Level 2	Academic	1.10
Level 3	Honors	1.20
Level 4	Advanced Placement (AP)	1.35

The following weights apply to the class of 2022 and beyond:

Level	Descriptor	Weight
Level 1	Introductory	1
Level 2	Academic	1.1
Level 3	Honors	1.2
Level 4	Advanced Placement (AP)	1.3

Course Weighting

Sample Weighted GPA

Course	Grade	4 pt scale		Credit		Weight	Product
Honors English	90	3.67	x	1	x	1.2	4.404
AP US History	85	3.0	x	1	x	1.3	3.9
Honors Geom.	95	4.0	x	1	x	1.2	4.8
Academic Chem	90	3.67	x	1	x	1.1	4.037
Spanish II	80	2.67	x	1	x	1.00	2.67
Metals I	95	4.0	x	1	x	1.00	4.0
Health II	85	3.0	x	0.5	x	1.00	1.5
Psychology	88	3.33	x	0.5	x	1.1	1.8315
				7			27.1425

Weighted GPA: $27.1425 \div 7 = 3.8775$

AP Course Selections

Art
- ❖ AP Art 2D Design
- ❖ AP Drawing

Language Arts
- ❖ AP Language and Composition
- ❖ AP English Lit and Composition

Math
- ❖ AP Statistics
- ❖ AP Calculus

Music
- ❖ AP Music Theory

World Language
- ❖ AP Spanish
- ❖ AP French

Science
- ❖ AP Biology
- ❖ AP Chemistry
- ❖ AP Physics

Social Studies
- ❖ AP European History
- ❖ AP US History

Computer Science
- ❖ AP Computer Science Principles

Special Certifications and Credentials

- NOCTI Welding
- NOCTI Diversified Occupations
- NIMS Precision Machining
  - Pre-Apprenticeships
- Mechatronics
  - Pre-Apprenticeships
- Computer Science
- Music Technology
- Culinary Arts/Early Childhood Education
- Construction
- Drone Pilot

NOCTI Welding

- 11th & 12th Grade
- Approved by PDE-CTE
- 3-periods/day
- 720 hours
- NOCTI Welding Technology Exam/ Certification
- OAC & Business Collaboration

- For more information:
  - Mr. Williams
  - Mr. Minnich
  - Mr. Harnish

NOCTI Diversified Occupations

- 12th Grade
- Approved by PDE-CTE
- One year program: 540 hours; 1-period/day + work based experience
- NOCTI 21st Century Workplace Skills Exam
- HACC - College in the High School:
  - 3-Credit FS 100 Course
- OAC/ Business Collaboration

- For more information:
  - Mr. Harnish

HACC
Founded in 1964
CENTRAL PENNSYLVANIA'S COMMUNITY COLLEGE ®

NIMS Precision Machining

- 11th & 12th Grade
- Recognized by Department of Labor & Industry
- Pre-Apprenticeship model w/Hanover Area Chamber of Commerce & business partners
- Two year program
  - Over 500-Hours
  - 2-3 Periods per Day
- National Institute for Metalworking Skills (NIMS) Credentials
- OAC & Business Collaboration
- For more information:
  - Mr. Williams
  - Mr. Minnich
  - Mr. Harnish
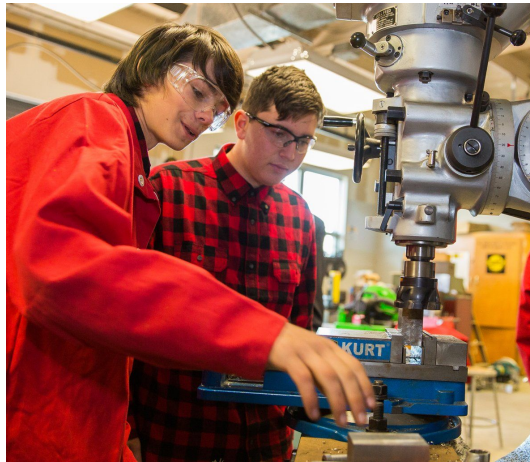
Mechatronics

- Grades 10, 11, 12
- HACC-Gettysburg: Articulation Agreement
  - 30-Credit HACC Mechatronics Certificate
  - 8-credits earned at HHS
- Pre-Apprenticeship model w/Hanover Area Chamber of Commerce & business partners
- Mechatronics Credential
- OAC & Business Collaboration: Utz Quality Foods, Inc.

- For more information:
  - Mr. Williams
  - Mr. Minnich
  - Mr. Harnish
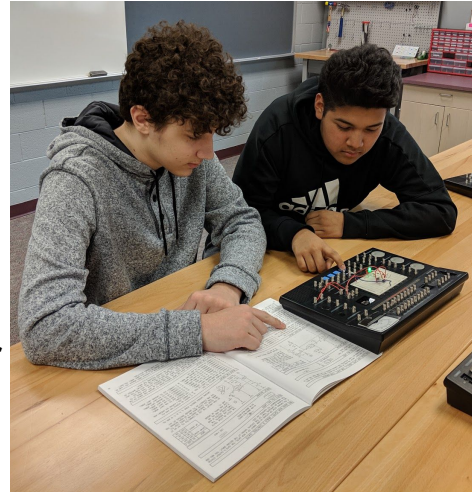
Computer Science

- Harrisburg University: Articulation Agreement
- AP Computer Science
- STEAM Academy
- League of Legends eSports Team
- Computer Science Credential

- For more information:
  - Mrs. Conover

HARRISBURG
UNIVERSITY
OF SCIENCE AND TECHNOLOGY

Music Technology

- Grades 9, 10, 11, 12
- Levels I, II, III
- Use of Pro Tools
- Academy for Media Production: Articulation Agreement
- Music Technology Credential
- OAC/ Business Collaboration

ACADEMY FOR MEDIA PRODUCTION
& PRODUCTION STUDIO

Culinary Arts
Early Childhood Education

Hanover Area Culinary Credential

- 11th & 12th Grade
- Hanover Business Partners/ Local Credential
- OAC/ Business Collaboration

Early Childhood Development & Education

- 11th & 12th Grade
  - 11th Grade: Coursework/placement
  - 12th Grade: Placement - Minimum of 100-hours of experience
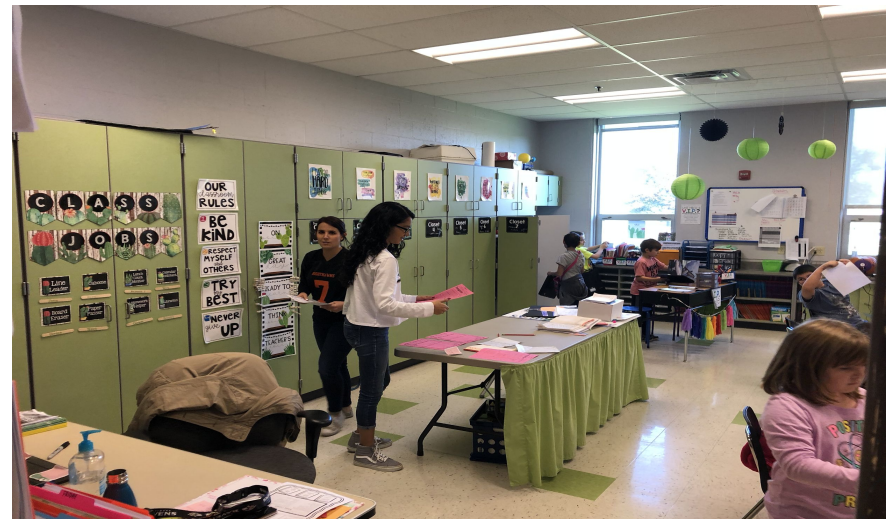
Construction, Design & Engineering

- 9-12th Grade
- Construction I, II, III
- Design & Engineering I, II
- Design & Engineering Projects
- Emphasis on use of CAD and various design techniques
- Construction Technology Credential: 2020-2021
- For more information:
  - Mr. Lehman
  - Mr. Minnich
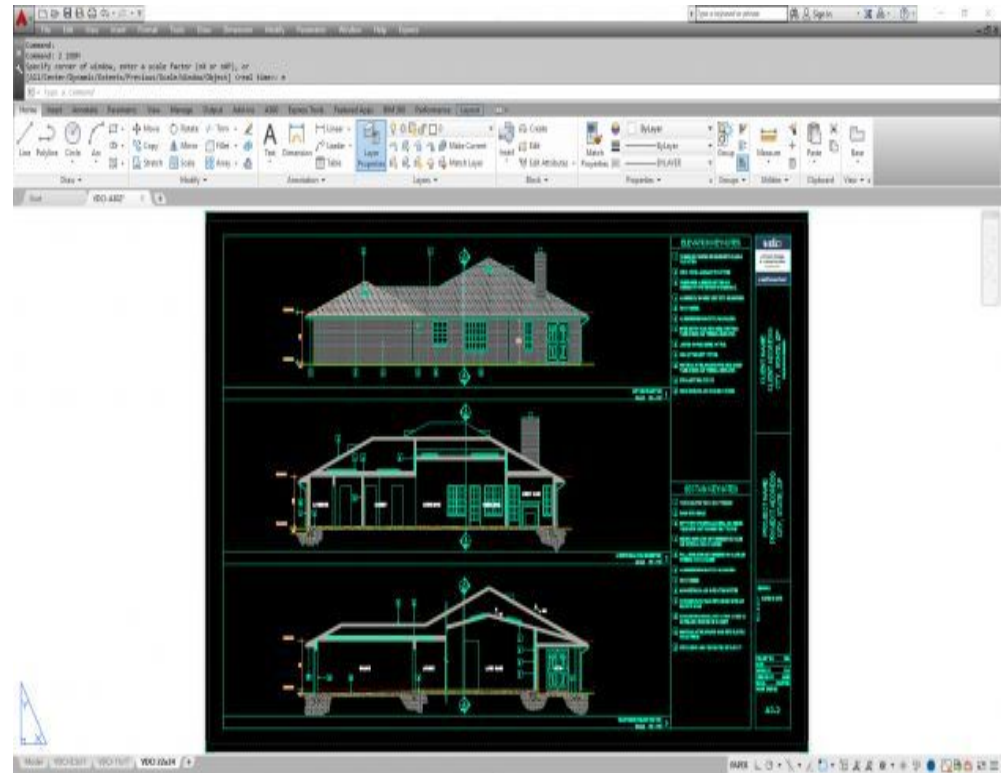
Drone Construction & Flying: FAA Pilot Certification

- Concepts, Construction, & Repair
- Build a Drone
- Flying Techniques & Skills
- Rules and Regulations for Flight
- Earn you Federal Aviation Administration Pilots License

Honors and Advanced Placement

- Review of academic records

- Academic achievement

- *Teacher/counselor recommendation*

- Highly motivated student

- Success in prerequisite course

Educational Planning Guide

Course	Grade	Credits
ART		
Foundations of Art I	9, 10	1
Foundations of Art II	10, 11, 12	1
Art III	11, 12	1
AP 2D Design	11, 12,	1
AP Drawing	11, 12	1
3D Modeling I STEAM	9, 10	0.5
3D Modeling II STEAM	9, 10	0.5
Graphic Arts and Design I	11, 12	0.5
Graphic Arts and Design II	11, 12	0.5
Sculpture	10, 11, 12	0.25
Art of Camera Phone Photography	10, 11, 12	0.25
Art of Transforming Photos	10, 11, 12	0.25
Jewelry Design	10, 11, 12	0.25
BUSINESS		
Accounting I	9, 10, 11, 12	1
Accounting II	10, 11, 12	1
Marketing	11, 12	0.5
ENTERTAINMENT TECHNOLOGY STEAM		
Evolution of Games	10	Summer/ Online
Game Maker Programming I	9, 10	0.5
Game Maker Programming II	9, 10	0.5
Game Design	9, 10	0.5
3D Modeling I	9, 10	0.5 (Art credit)
3D Modeling II	9, 10	0.5 (Art credit)
Mobile Game Design	9, 10	0.5
Unity 3D Programming (2017-2018)	9, 10, 11	0.5
Game Production and Marketing (2017-2018)	11, 12	0.5
Screenwriting (offered in 2017-2018)	9, 10, 11	0.5 (Eng credit)
Real World Projects (offered in 2017-2018)	11, 12	0.5
Virtual Reality	9, 10, 11	0.5
FAMILY AND CONSUMER SCIENCE		
Family and Career Development	10	0.5
Culinary Arts I	9, 10, 11	1
Advanced Culinary Exploration	10, 11, 12	1

MATHEMATICS

Flow chart for Hanover High School's mathematics pathways.
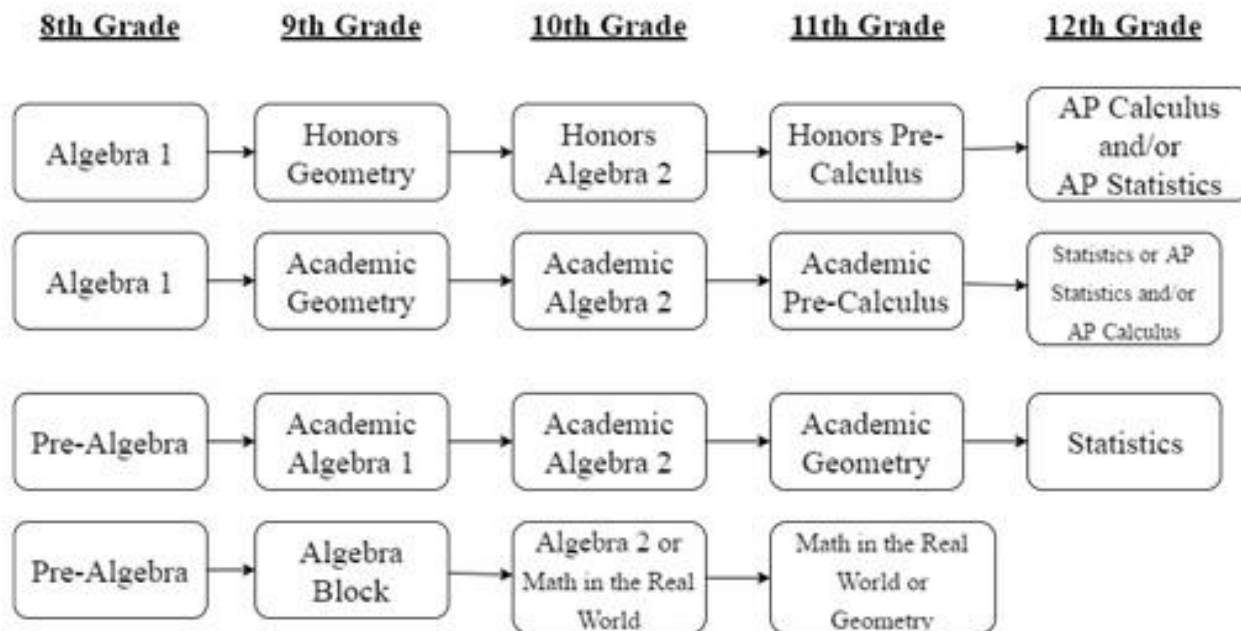
8th Grade	9th Grade	10th Grade	11th Grade	12th Grade
Algebra 1	Honors Geometry	Honors Algebra 2	Honors Pre-Calculus	AP Calculus and/or AP Statistics
Algebra 1	Academic Geometry	Academic Algebra 2	Academic Pre-Calculus	Statistics or AP Statistics and/or AP Calculus
Pre-Algebra	Academic Algebra 1	Academic Algebra 2	Academic Geometry	Statistics
Pre-Algebra	Algebra Block	Algebra 2 or Math in the Real World	Math in the Real World or Geometry	

Any students who are enrolled in Algebra I will be required to take the Algebra Keystone Exam during the Spring testing window of Algebra 1. Any student who does not score proficient on the Algebra Keystone Exam will be required to participate in Keystone Preparation coursework. These students will retake the Keystone Exam upon completion of the preparation coursework. Students who do not score proficient after the second administration will complete a Keystone Project.

Course: Algebra I Block   **Full Year**   **2 credit**   **(Level 1)**
Grades: 9
Prerequisites: (by Administrative Placement)

Any students who are enrolled in Algebra I will be required to take the Algebra Keystone Exam during the Spring testing window of Algebra 1 Block. Any student who does not score proficient on the

Course: **Music Technology and Sound**   *Semester*   *0.5 credit*   *(Level 2)*
          Recording II

Grades: *10, 11, 12*

Prerequisites: *Successful completion of Music Tech 1*

This course will build upon the foundation of Level I. Students will use Pro Tools, a digital audio workstation. Studio recording, live recording, editing, mastering and video recording will be utilized. Students will also create music using MIDI

Course Selection Timeline

Friday, March 6 - Friday, March 20

❖ Educational Planning Guide and Course Selection is opened
❖ Review graduation requirements and course choices
❖ Meet with school counselors and teachers to answer questions and get teacher recommendations

Friday, March 20
❖ Deadline for course selection to be completed in Firefly

Points to Consider

❖ Take the most advanced courses…but make sure that they are also appropriate for you

❖ Read the course description

❖ Consider the teacher recommendation heavily

Please contact the High School Guidance counselors with questions:

Kari Hively - Grades 10, 12
Theresa Henry - Grades 9, 11

Course Selection Night for Parents
Grades 8-11
February 28, 2019

Department	Teacher Representative	Location
Art	Mrs. Marie Smith	Room 202 (Orange Hall)
Career/Work Electives	Mr. Harnish	Room 013 (Front Hall)
Culinary	Mrs. Salvitti	Room 001 (Front Hall)
Entertainment Technology	Ms. Conover	Room 301 (Black Hall)
English Language Learners	Mrs. Hare	Room 504 (Rear Hall)
Guidance	Mrs. Henry	Guidance Office
Integrated Learning Center	Mrs. Brenneman	ILC - Room 505 (Rear Hall)
Learning Support	Mrs. Uhler	Room 009 (Front Hall)
Mathematics	Mrs. Beall	Room 101 (Blue Hall)
Music	Mrs. Deb Smith	Room 302 (Black Hall)
Social Studies/English	Ms. Kozdron	Room 203 (Orange Hall)
Science	Mrs. Erdman	Room 011 (Front Hall)
Technology Education	Mr. Williams	Room 017 (Front Hall)
World Language	Mrs. Crist	Room 502 (Rear Hall)