

Welcome
8th grade
parents!



Naperville Central Class of 2024

Introduction to the High School Course Selection Process

Targets for tonight's session:

Provide an overview of the course selection process

Review the courses available for freshmen

Answer your questions and build excitement for the transition to Naperville Central!



Naperville Central High School

District Home | Sch
^ Translate ^ Adm



Spotlight Links

PREV

NEXT

COURSE

SELECTION
Course Selection Resources



SchoolLinks



2020-21 Online Program Planning Guide



COURSE SELECTION RESOURCES

Everything underlined is an active link

NEW SchoolLinks

Course Plan for Students

- [Course Planning Video](#)
- [Course Plan Instructions](#)

Resources for Parents

- [College & Career Counseling](#)
- [SchoolLinks Guide for Parents](#)

[Program Planning Guide](#)

[Career Pathways](#)

FRESHMAN YEAR at NCHS

Students must complete their course plan
in SchoolLinks by January 28th



NCHS Course Selection Timeline

**January
7 or 8**

Your student will receive course recommendations from the junior high teachers

**January
8**

8th grade STUDENTS are able to enter classes in their 4-year plan in SchooLinks

NCHS Course Selection Timeline

**January
8**

Freshman Family Orientation

**January
22/28**

District 203 students should
have a complete 4 -year
plan in SchoolLinks



NCHS Course Selection Timeline

**January
31**

Private School families submit course selection worksheet in the NCHS main office. Please also submit all enrollment requirements to our Centralized enrollment office.

NCHS Course Selection Timeline

NCHS Counselors meet with students for very brief individual contacts to review and finalize course requests.

- **Jefferson – January 29**
- **Kennedy – January 31**
- **Lincoln – February 3**
- **Madison – February 4**



Graduation Requirements

Communication Arts (English) _____	4.0 credits
Mathematics _____ (Including Algebra 1)	3.0 credits
Science _____	2.0 credits
Social Studies _____ (including US Gov and US History)	2.5 credits
Fine Arts _____	0.5 credit
Career and Technical Education _____	1.0 credit
Physical Education _____	3.5 credits
Health Education _____	0.5 credit
Consumer Education _____	0.5 credit
Electives* _____	3.5 credits
*Electives are defined as any course not required for graduation	
Total Credits Needed to Graduate _____	21.0 credits

College Admission Requirements

Colleges and universities have minimum requirements for admission. Typical requirements include:

- 4 years English
- 3 years Social Studies
- 3 years Mathematics (4 years preferred)
- 3 years Laboratory Science
- 2 years Foreign Language, Music, Art, or Technical Arts

** Admission requirements will vary by college.*

Typical Freshman Courses

Semester 1	
Period 1 7:45–8:35	Comm. Arts
Period 2 8:41–9:34	Mathematics
Period 3 9:40–10:30	Science
Period 4 10:36–11:26	Social Studies
Period 5 11:32–12:22	PE
Period 6 12:28–1:18	Lunch/LINK Crew
Period 7 1:24–2:14	Elective
Period 8 2:20–3:10	Elective

Semester 2	
Period 1	Comm. Arts
Period 2	Mathematics
Period 3	Science
Period 4	Social Studies
Period 5	PE
Period 6	Lunch/LINK Crew
Period 7	Elective
Period 8	Elective



Course Descriptions

Course Title

Geometry

Course Code

M34011 – M34012

Course Description

This course provides students with the fundamental vocabulary, properties, language, content, and procedures of geometry. Topics include triangles, circles, polygons, parallel lines, and inequalities, with an introduction to coordinate and solid geometry. Emphasis is placed on construction of formal proof, the analysis of the nature and structure of a logical system and on problems solving skills.

This course includes applications of the students' algebraic skills.

Level: 9,10,11

Minimum Grade Level

Full Year Course Credit: 1.00

Credits for Completion

Pre Requisite: Algebra 1

Pre Requisite for Class

Course Recommendation & Selection Worksheet

ACADEMIC SUPPORT	
C60031 – C60032	Academic Reading
936011 or 936012	Study Hall
ART	
A16011 or A16012	Drawing 1
A19012	Drawing 2
A22012	Painting 1
A37011 or A37012	Ceramics 1
A38012	Ceramics 2
A43011 or A43012	Jewelry/Metals 1
A44012	Jewelry/Metals 2
A50011 or A50012	Photography 1 (Traditional)
A51012	Photography 2 (Traditional)
A54012	Photography 2 Digital
A57011 or A57012	Digital Art 1
A58012	Digital Art 2
A55512	Film & Video Arts 1
A63012	Sculpture 1
BUSINESS	
B10011 or B10012	Introduction to Business
B12011 or B12012	Tech Edge
B16012	Tech Edge +
B44011 or B44012	Computer Programming 1
B440N1 or B440N2	Blended Computer Prgm 1
B46012	Computer Programming 2
B52011	Web Page Design
COMMUNICATION ARTS	
C12011 – C12012	English 1
C120H1 – C120H2	*Honors English 1
C49011 – C49012	Blended Yearbook Production
DRIVER EDUCATION	
D10011, D10012	Driver Education
Students must be 15 by 9/14/20 for Sem 1 or 2/8/21 for Sem 2	

THEATRE	
E10011 or E10012	Acting
E13011 or E13012	Advanced Acting
E16011 or E16012	Play Production
FAMILY & CONSUMER SCIENCES	
F14011 or F14012	Fashion Design
F22011 or F22012	Culinary Arts & Nutrition 1
F26012	Culinary Arts & Nutrition 2
F42011 or F42012	Human Growth & Develop
TECHNOLOGY & ENGINEERING EDUCATION	
J11011	Plant Science
J15012	Floral & Landscape Design
J17012	Aqua & Urban Food Prod
J20011 or J20012	Companion Animal Science 1
J22012	Companion Animal Science 2
J30011 or J30012	Graphics 1
J32012	Graphics 2
J420D1 – J420D2	Electronics
J420N1 – J420N2	Blended Electronics
J450D1 or J450D2	Information Tech Systems 1
J470D2	Information Tech Systems 2
J50011 or J50012	Workshop Elements
J55011 – J55012	Geometry in Construction
J57011 or J57012	Drafting Studio 1
J59011 or J59012	Engineering Design Studio
J70011 or J70012	Auto1 Engineer&Maintenance
MATHEMATICS	
M19011 – M19012	Algebra 1
M190N1 – M190N2	Blended Algebra 1
M25011, M25012	Algebra 1 Support
M28011 – M28012	Algebra 1 with Geometry
M32011 – M32012	Geometry in Construction
M34011 – M34011	Geometry
M340N1 – M340N1	Blended Geometry

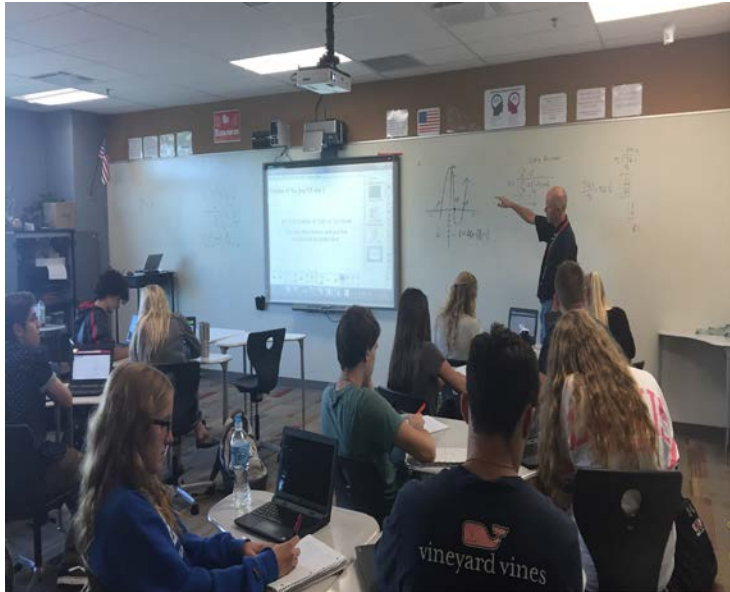
M340M1 – M340M1	Online Geometry
M340H1 – M340H2	*Honors Geometry
M430H1 – M430H2	*Honors Algebra 2
MUSIC	
N10011 – N10012	Introduction to Band
N30011 – N30012	Introduction to Orchestra
N54011 – N54012	Introduction to Mixed Choir
N66012	Music Theory 1
N76011 or N76012	Music Production
PHYSICAL EDUCATION	
P10011 – P10012	PE 1
P75012	Lifeguard Training*
*Must be 15 by Spring Break	
SCIENCE	
S25011 – S25012	Principles of Bio & Chem
S50011 – S50012	Chemistry
S500H1 – S500H2	*Honors Chemistry
SOCIAL STUDIES	
T10011 – T10012	World Cultures
T23011 – T23012	World History
T280A1 – T280A2	*AP World History
T150A1 – T150A2	*AP Human Geography
WORLD & CLASSICAL LANGUAGES	
W21011 – W21012	Chinese-Mandarin 1
W22011 – W22012	Chinese-Mandarin 2
W31011 – W31012	French 1
W32011 – W32012	French 2
W41011 – W41012	German 1
W61011 – W61012	Latin 1
W81011 – W81012	Spanish 1
W82011 – W82012	Spanish 2
W85511 – W85512	Spanish Lang & Culture for Spanish Speakers

Building College & Career Readiness

We encourage all students to take courses that will prepare them for success at the college level.

- Consideration for **Career Pathways**
- Include an **Advanced Placement** or **Dual Credit** course
- Include a **blended** or an **online** course.

What is **Blended Learning**?



Face to
Face
Instruction

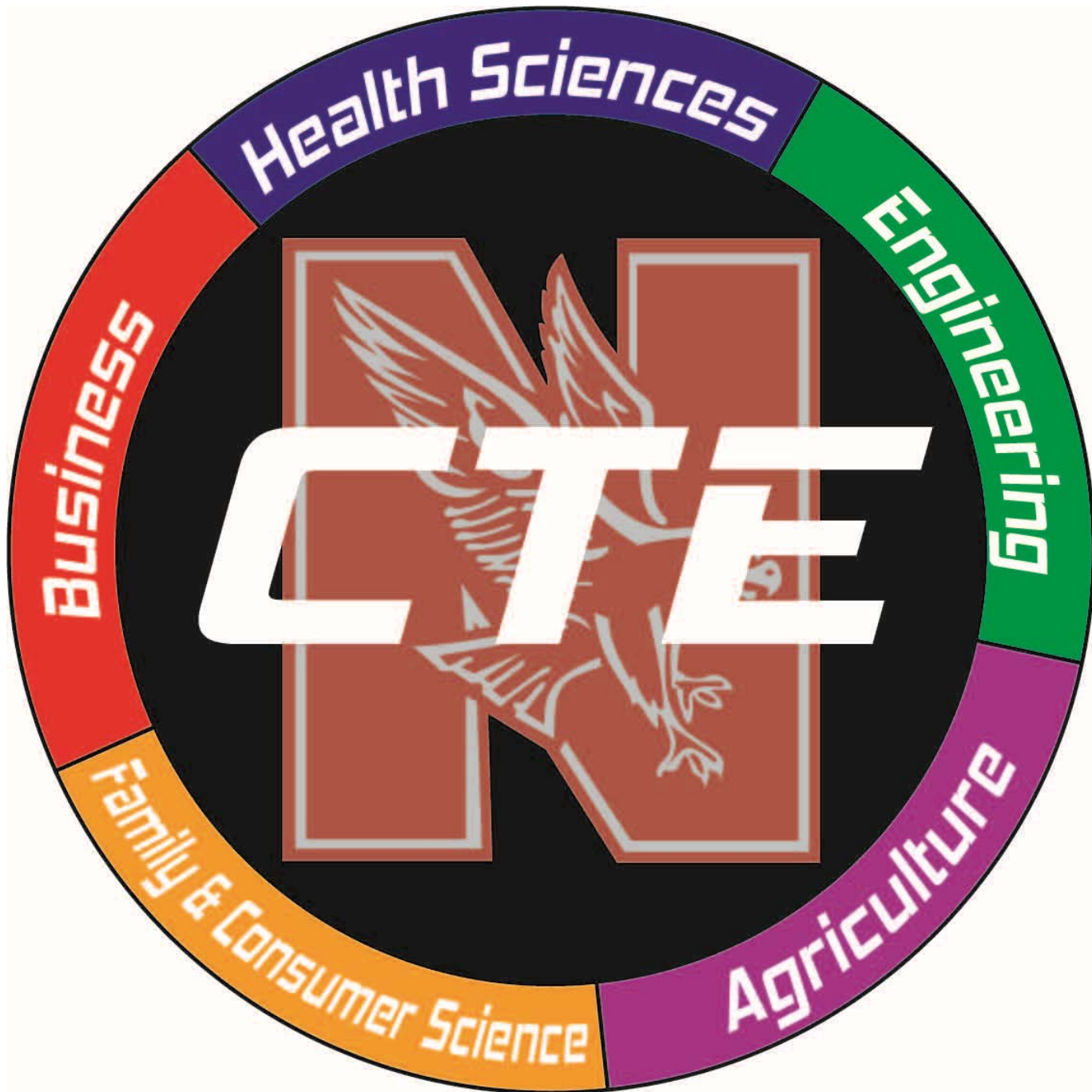


On line
Learning

We are a **comprehensive** high school!

Sometimes, selecting elective courses is the most difficult part of the course selection process because we don't have teacher recommendations to guide us in this part of the process.

We're here to help!



Health Sciences

Engineering

Agriculture

Family & Consumer Science

Business

CTE

1.0 Credit Required for Graduation

5 AREAS OF CONCENTRATION

AGRICULTURE
EDUCATION

FAMILY & CONSUMER
SCIENCES

TECHNOLOGY &
ENGINEERING
EDUCATION

BUSINESS,
MARKETING &
COMPUTER
EDUCATION

HEALTH SCIENCE
TECHNOLOGY



aGRISCIENCE

ANIMAL SCIENCE STRAND



**ANIMAL
SCIENCE 1**

**ANIMAL
SCIENCE 2**

**LEADS TO
VETERINARY
SCIENCE**

A large, vibrant green leaf with numerous water droplets of varying sizes is the central focus. The leaf's veins are clearly visible. It is surrounded by a border of smaller, stylized green leaves in shades of lime and emerald green. The background is a soft-focus green, suggesting a natural, outdoor setting.

**WE ARE
GROWING**



Plant Science in D203

Plant Science Pathway 202021

Plant
Science
9-12

Fall
1 Semester

Food Science
10-12

Fall
1 Semester

Floriculture &
Landscape
Design
9-12

Spring
1 Semester

Aquaculture
& Urban Crop
Production
9-12

Spring
1 Semester



The image features a central white area with a jagged, black, hand-drawn outline. This outline is set against a yellow background that has a halftone dot pattern. The word "business" is written in a simple, black, lowercase sans-serif font in the center of the white area.

business

FRESHMEN BUSINESS COURSES



- Introduction to Business
- Tech Edge
- Tech Edge +
- Computer Programming 1 & 2
- Game Design
- Web Page Design

Projects Include:

- Supply and Demand Game
- Stock Market Game
- Cereal Box Project
- Grilled Cheese Challenge
- International Business Trip
- ...and many more!

HANDCRAFTED

EVERDINE'S

GRILLED CHEESE CO.

Grilled Cheese Challenge

Naperville Central High School

INTRODUCTION TO BUSINESS

MarketWatch

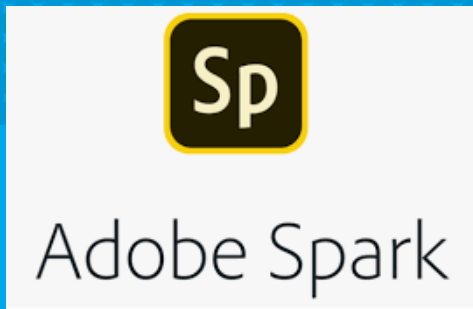
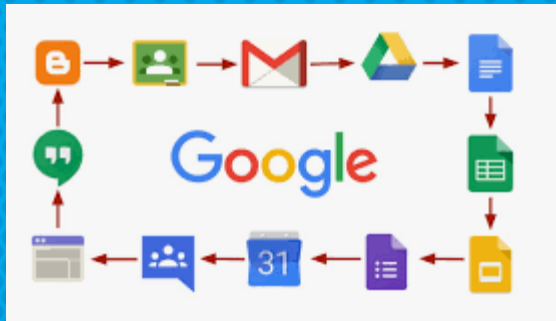
Stock Market Game

Field Trips May Include:

- Kane County Cougars
- Chicago Wolves
- CME
- Federal Reserve



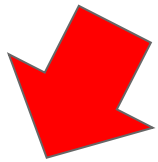
TECH EDGE & TECH EDGE +



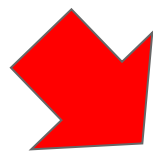
BUILD YOUR TECHNOLOGY SKILLS

PROGRAMMING & SOFTWARE DEVELOPMENT

Programming 1



Game Design



Programming 2

AP Computer Science

Software Engineering 1 & 2

Web Page Design



GAME DESIGN

Use a professional game engine used to make games such as Pokémon Go and Hearthstone.

Learn from a developer at Blizzard, an artist working on VR games, and a game company CEO.

Work with a team and spend the entire semester making your own video game.



WEB DESIGN

- Learn how to create a website from scratch.
- Choose to learn the code to create a website (HTML and CSS) or focus on the design using professional software from Adobe.
- Create a website for a client using browser-based web development software.



FAMILY &
CONSUMER
SCIENCES

FRESHMEN FCS COURSES



Culinary 1

Culinary 2

Fashion Design

Human Growth &
Development



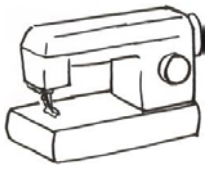
FCS FRESHMAN OFFERINGS



Culinary
Arts &
Nutrition
1

Culinary
Arts &
Nutrition
2





FASHION DESIGN



You will learn about...

- textiles and fabrics
- fabric construction techniques
- use and care of sewing machine and equipment



HUMAN gROWTH & DEVELOPMENT

Early
Childhood
Education 1

Early
Childhood
Education 2

Introduction
to Teaching
1

Introduction
to Teaching
2


Run the
Redhawk
Preschool!



Earn Dual Credit
with College of
DuPage!

Intro to
Health
Occupations

Health
Occupations



What's new in t ee?

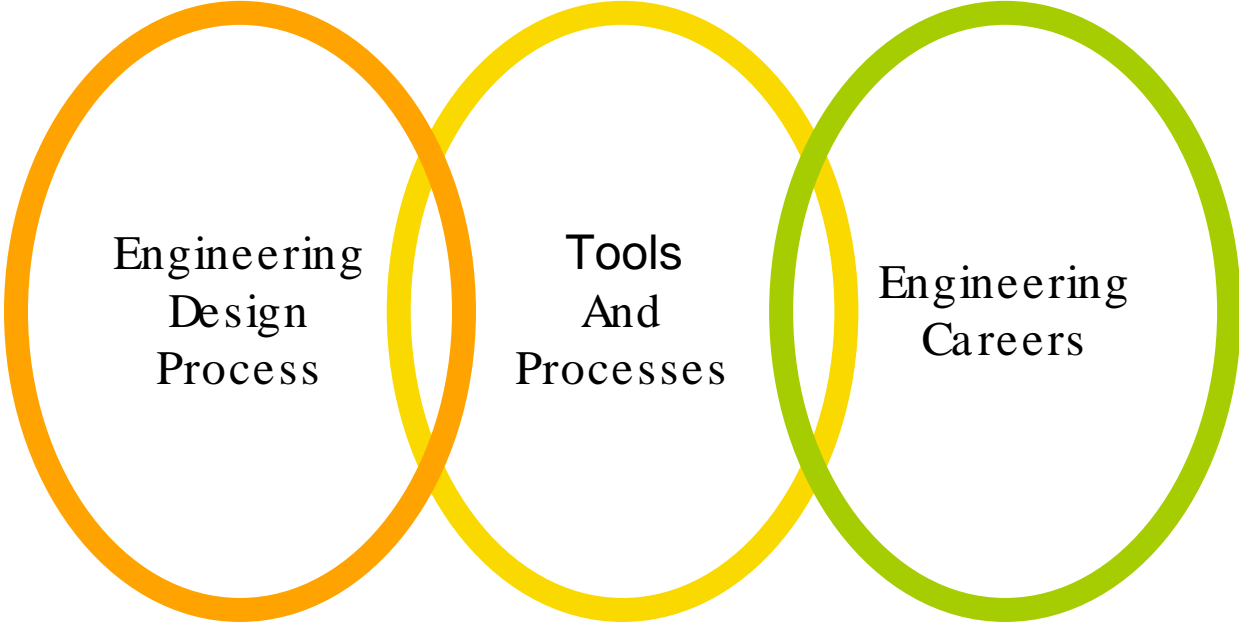
(Technology and
Engineering Education)

TEE COURSES FOR FRESHMEN



- Information Technology Systems 1 & 2
- Engineering Design Studio
- Workshop Elements
- Graphic Design 1 & 2
- Drafting Studio 1
- Automotive Engineering & Maintenance
- Electronics

INTRODUCING – ENGINEERING DESIGN STUDIO !!
GRADES 9-12 NO PREREQUISITE



Engineering
Design
Process

Tools
And
Processes

Engineering
Careers

WOODS CLASSES...RENAMED AND REBRANDED

Workshop Elements

No prerequisite

Semester

Grades 9-12

Workshop Studio

Prerequisite: EDS or
Workshop Elements

Year-Long

Grades 10-12

DRAFTING CLASSES...RENAMED AND REBRANDED

Drafting Studio 1

No prerequisite

Semester

Grades 9- 12

Drafting Studio 2

Prerequisite:

Design Studio 1

Year-Long

Grades 10- 12

AUTOMOTIVE TECHNOLOGY

Rebuild Small
Engines
Race CO2 Cars
+Auto Maintenance

Transportation
Engineering &
Automotive
Maintenance
(TEAM)

Automotive
Mechanics

Automotive
Servicing

Repair
Cars/
Welding

SEMESTER COURSE OPTIONS

EDS  Transportation Engineering
(Auto)


EDS Drafting Studio 1 (Drafting)


EDS Workshop Elements
(Woods)

ELECTRONICS...

Full year course

Grades 9- 12

Dual credited with
COD

Students interested
in Engineering

Project-based

Light saber

Iphone charger

Digital electronics

Arduino



NETWORK SYSTEMS/SUPPORT & SERVICES

Information Technology 1 (ITS1)

Information Technology 2 (ITS2)

Cybersecurity (WEIGHTED)



All
DUAL
CREDIT
courses



EDUCATE.
EXPLORE.

EXCEL

Dr. Lynn Andrees
Career & Technical Education



Course Selections - College Prep or Honors?

Academic Behaviors that contribute to
success in honors courses:

- Students actively prepare for and participate in classroom learning
- Students use a variety of resources to persevere with challenging tasks and assignments
- Students have an interest and passion for the content and learning
- Students actively pursue additional help and support from teachers in a timely manner
- Students are able to synthesize information and solve complex problems.



Communication Arts

Students are required to take one of the following courses:

- **English 1**
- **Honors English 1**

Both courses are college preparatory and aligned to the Common Core State Standards. In addition, both courses

- Stress all aspects of literacy: reading, writing, speaking, listening, and language
- Encourage critical reading and analysis

English 1 or Honors English 1?

Please keep in mind...

- There is a summer reading project associated with Honors English 1. The project is due on the first day of class in August.
- **Students do not need to take Honors English 1 to take other weighted courses during their four years at NCHS.**
- If a student performs well in English 1 and gets his or her teacher's recommendation, he or she can move to Honors English 2 or Honors English 2: Journalism during sophomore year.
- **We want students to take the right course freshman year!**

Science

- *Principles of Biology & Chemistry*
 - This inquiry based course demonstrates the interconnections of Biology & Chemistry.
- *Chemistry*
 - This course is a standards-based study of fundamental chemistry concepts based on the Next Generation Science Standards.
- *Honors Chemistry*
 - This honors course is designed for the accelerated science student is recommended for Honors Geometry.



Social Studies

Geography Courses

World Cultures:

Using the seven elements of culture, students in World Cultures will use inquiry-based methods to study and analyze issues across the globe.

AP Human Geography:

The purpose of the AP Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface.

Social Studies

History Courses

World History:

This course is recommended for any student who is interested in World History from River Valley Civilizations to the Age of Revolution. Man's political, economic, social, spiritual and intellectual development through the centuries provides a foundation for critical understanding and appreciation of the inherent values of world civilizations.

AP World History:

The Advanced Placement World History course offers motivated students the opportunity to gain historical perspective (beginning in 1200 C.E.) on a variety of civilizations. It invites students to take a global view of historical processes and interactions between peoples in different societies.

Mathematics

- *Algebra 1*

- This is a beginning course in Algebra fundamental in developing skills essential for further study of mathematics. Successful completion of this course is a graduation requirement.

- *Blended Algebra 1*

- Our Algebra 1 course offered in a blended learning format.

- *Algebra 1 with Geometry*

- An accelerated course for students with strong math skills.

Mathematics

- *Blended Geometry*

- Our Geometry course offered in a blended learning format.

- *Honors Geometry*

- Designed for students who have successfully completed the Algebra 1 (Honors Math) at the middle school level.



World and Classical Languages

- Spanish 1 & 2
- French 1 & 2
- Latin 1
- German 1
- Chinese - Mandarin 1

Students currently enrolled in either Spanish or French at the junior high school must enroll in level two of the language at NCHS!



Fine Arts

Fine Arts is made up of Music and the Visual Arts.

We have an amazing team of talented professionals who are committed to their craft and creating an exciting and safe environment for our students to explore their passion, talent and creativity.

A semester spent in a Fine Arts class may very well lead to a career, or it could be the gateway to a lifelong passion for a new creative outlet.

Being in an Art or Music class means a daily opportunity to collaborate with others, create quality works of art or performances, all while exercising the right side of the brain.



Academic Support

- **Academic Reading** – Placement in Academic Reading is based on three standardized reading assessments taken in 7th & 8th grades.
- **Algebra Support** - An elective course students take in addition to Algebra 1.

Enrollment consideration for these support classes is based on

- Performance below the 25th percentile on the 8th grade fall MAP literacy and/or math assessment
- 7th grade Spring 7th Illinois Assessment of Readiness performance level 1 or 2
- Current 8th grade performance (trimester one and midterm 2nd trimester grades)



Should my student take a study hall?

FACTORS TO CONSIDER

- *History of academic struggles*
- *Recommendation for Academic Support classes*
- *After school and outside activities*
- *Homework load , use of current supervised study*



Should my student take a study hall?

FACTORS TO CONSIDER

- *Students have time built into their school day*
 - *50 minute lunch period*
 - *35-40 minutes before school for bus riders*
- *NCHS has a 20 -day drop policy*
 - *An elective can be dropped in the first 20 days without penalty*

SchoolLinks Plan

The screenshot displays the SchoolLinks Plan interface. At the top, a teal header bar contains navigation icons (document, bell, envelope) and a user profile for Jimmy Abarca. Below the header, a navigation bar includes a 'Requirement' dropdown, a warning message: 'Check that the courses you're adding fulfill this requirement before moving on.', and 'Back' and 'Next Requirement' buttons.

The main content area is divided into two columns:

- Your Courses:** A table with columns for grade and course status. The 10th grade row is highlighted with an orange box and shows 'No credit limitation'.
- Course Options:** A list of courses available for the 10th grade. The first course, 'Fundamentals of Web Page Design and Development CP', is highlighted with an orange box. It includes a search icon, course ID '503102CW', and '1 CR' credit.

Grade	Course Status
9	No Course Taken
10	No credit limitation
11	No credit limitation

Course Name	Credits
Fundamentals of Web Page Design and Development CP	1 CR
Digital Publication Design CP	1 CR
Image Editing 1 CP	



Please take course selection seriously!

- In February, course requests are compiled and used to build the master schedule. Our teaching schedule and number of sections offered of each course are based on your course selections!
- Once course selections are made, they can only be changed (in the summer) for academic reasons.





What if we disagree with a teacher's recommendation?

- Please know that 8th grade teacher recommendations are OUTSTANDING!
 - Please speak with the 8th grade team (who really knows your student)
 - Please speak with the Instructional Coordinator at Naperville Central (who really knows the curriculum)
 - then make a decision based on what is best for your child .

Summer School Information

- We offer both traditional and online opportunities for students in our summer school program.
- Please consult our District Website & Program Planning Guide for more information.
- Course selections made now should not reflect summer school courses.

Summer School Registration
Opens March 4

Questions?

Freshman Family Orientation – Jan. 8th

A great opportunity to ask questions to staff from various departments and learn more about Activities and Athletics

- Instructional Coordinators & teachers for all departments
- Coaches & activity sponsors
- Students



Welcome
8th grade
parents!



Naperville Central Class of 2024