



Northview High School

Curriculum Guide

2025-2026

R-COLLABOR**R**ATION

O-CO**M**MUNICATION

A-A**T**TENDANCE

R-P**R**ODUCTIVITY



NORTHVIEW HIGH SCHOOL

4451 Hunsberger Ave. NE

Grand Rapids, MI 49525

Main Office: P: 616-363-4857

F: 616-361-3494

Counseling Office: P: 616-361-3434

F: 616-365-6116

Website: <https://high-school.nvps.net/>

NORTHVIEW HIGH SCHOOL ADMINISTRATION

Principal- Brent Dickerson

Assistant Principal- Audra Whetstone

Athletic Director- Pat Marsman

NORTHVIEW HIGH SCHOOL COUNSELING

Director of School Counseling/Counselor-Sarah Gammans (S-Z)

School Counselors

Kathryn Goldberg (A-D)

Dean Lazowski (E-L)

Dion Charity (M-R)

School Social Worker-Stephanie Knaus

NORTHVIEW HIGH SCHOOL LEADERSHIP TEAM

Visual Arts, Applied Technology, Business & Computers-Tanya Lockwood

Health & Physical Education- Mark Spetoskey

Language Arts-Audra Whetstone

Math- Trevor Chalmers

Science-Jim Haveman

Social Studies-Matt Howe

Special Education-Christina Miller

Performing Arts-Greg Wells

World Language-Deb Rodegher

NORTHVIEW PUBLIC SCHOOLS ADMINISTRATION

Superintendent-Dr. Christina Hinds

Deputy Superintendent-John Kraus

NORTHVIEW PUBLIC SCHOOLS BOARD OF EDUCATION

President-Linda LaBerteaux

Vice President-Teresa Ramirez

Secretary-Matthew Nibbelink

Treasurer-Renee Montgomery

Trustee-Emily Carpenter

Trustee-Jake Conway

Trustee- Jeremy Oliver



NORTHVIEW PUBLIC SCHOOLS

VISION

Inspire every student to achieve their individual best

MISSION

Northview Public Schools and its community develop literate, creative problem solvers who are respectful, productive members of society ready for continued learning.

BELIEFS

- Every student can learn – just in different ways and at different rates.
- Every person is a valued member of the Northview school community.
- We are all responsible for student success and learning.
- Integrity, honesty, and ethical behavior guide the treatment of students and adults in Northview.
- People working together toward common goals can accomplish anything.
- Embrace change and continuous improvement.
- Focus on performance and results.
- Our words and behaviors accelerate student academic performance and nurture their social development.

MICHIGAN MERIT CURRICULUM

To prepare Michigan’s students with the skills and knowledge needed for the jobs of the 21st Century global economy. The State of Michigan has enacted a rigorous set of statewide graduation requirements that are among the best in the nation. With these graduation requirements, students will be well prepared for further success in college and on the job. Michigan is developing a highly-skilled 21st Century workforce that will drive the state’s economy today and into the future.

Number of Credits

4 Credits
4 Credits
3 Credits
3 Credits
1 Credit
1 Credit
2 Credits
.5 Credit

Curriculum Area

Mathematics
English Language Arts
Science
Social Studies
Visual, Performing, and Applied Arts
Physical Education (.5) and Health (.5)
World Language
Personal Finance (class of 2028 & beyond)

GRADUATION REQUIREMENTS AT NORTHVIEW HIGH SCHOOL

- Successfully complete the following required subjects. Course credits must meet all MMC guidelines and meet high school content standards.
- Be in attendance on a full-time basis at a high school for four (4) years. All four years do not have to be at Northview, but the last semester before graduation must be spent at Northview High School.
- Students must carry six subjects each semester.
- No student will participate in graduation ceremonies unless they have met all graduation requirements.
- Students must participate in all state mandated testing and assessments (example: *MME*).
- A minimum of 22 credits is required for graduation.

DEPARTMENT/CREDITS	COURSES
ENGLISH (4 credits)	<i>GRADE 9:</i> ENGLISH 9 PRE-AP <i>GRADE 10:</i> A.P. SEMINAR <i>GRADE 11:</i> ENGLISH 11, A.P. ENGLISH-LANG. or A.P. ENGLISH-LITERATURE <i>GRADE 12:</i> ENGLISH 12, A.P. ENGLISH-LANG. or A.P. ENGLISH-LITERATURE
MATHEMATICS (4 credits)	PRE-A.P. ALGEBRA and PRE-A.P. GEOMETRY and ALGEBRA 2 courses and a 4 th math credit. (possible adjustments to Algebra 2 state requirements) -A 4 th math credit can be earned from either a math department offering or a verified math elective. -Student must have a math course in their final year of high school.
SCIENCE (3 credits)	PRE-A.P. BIOLOGY, PRE-A.P. CHEMISTRY and PHYSICS or ACCELERATED PHYSICS
SOCIAL STUDIES (3 credits)	-U.S. HISTORY <u>or</u> A.P. U.S. HISTORY -PRE-A.P. WORLD HISTORY <u>or</u> A.P. WORLD HISTORY -ECONOMICS <u>or</u> A.P. MICROECONOMICS <u>or</u> A.P. MACROECONOMICS -GOVERNMENT <u>or</u> A.P. GOVERNMENT
WORLD LANGUAGE (2 credits)	Refer to pages 34-35
VISUAL, PERFORMING AND APPLIED ARTS (VPA) (1 credit)	Refer to pages 7-14, 16-19, 22-24
PHYSICAL EDUCATION (.5 credits)	INTRO/ADVANCED TO PERSONAL FITNESS or INTRO/ADVANCED TO EDUCATIONAL LEADERSHIP
HEALTH (.5 credits)	HEALTH
FINANCIAL LITERACY (.5 credits)	Refer to page 15 <i>(Required for class of 2028 and beyond)</i>
ELECTIVES (3.5 credits for class of 2028)	Any high school course offerings above and beyond requirements <i>(4.0 credits for all remaining graduation classes)</i>
TOTAL CREDITS	22

NORTHVIEW HIGH SCHOOL COUNSELING

Vision

Inspire every student to achieve their individual best through continued lifelong learning

Mission Statement

The Northview High School Counseling Department is committed to developing literate, creative problem solvers who are respectful, productive members of society ready for continued learning through comprehensive academic, social/emotional, college and career counseling in collaboration with staff, parents and the community.

Students are encouraged to access the counseling department for assistance regarding personal, social, academic and post-secondary planning. The counseling department provides assistance with course options and preparation for the workforce, technical schools and 2-year or 4-year institutions through the *MiGPS Career Aware, Career Prepare Curriculum*.

MICHIGAN CAREER DEVELOPMENT MODEL

The Michigan Career Development Model (MI CDM) is designed to provide all students (K-12) in the Michigan educational system with the necessary knowledge and skills for success in a career of their choice and lifelong learning.

The impact of rapidly changing technology and an expanding global economy is being felt across all career areas and all levels of education. Employers have expectations for well-prepared, motivated employees possessing academic skills in mathematics, communications, and science. People who possess employability skills such as a good work ethic, teamwork skills, problem solving skills, critical thinking skills, technological literacy, and a desire for continued learning are in high demand.

Northview's *MiGPS Career Aware, Career Prepare Curriculum* is designed to meet the requirements of the MI CDM, and more. With technology, classroom lessons, independent study, work-based learning and experiences students will create and update their Educational Development Plan (EDP) and Talent Portfolio yearly through the grade level MiGPS curriculum.

By the end of 12th grade all Michigan students are expected to have a Talent Portfolio that illustrates and captures the career exploration, experiences, proficiencies, certifications, or accomplishments that demonstrate the students talents or marketable skills.

COURSE SELECTION & REGISTRATION

Course descriptions, counselors, parents, and teachers can assist students in selecting appropriate courses. Selections are based on MME requirements, student interest, motivation, academic ability, past academic performance and teacher recommendation.

SCHEDULE CHANGE POLICY

Building a high school master schedule is a complicated process. The needs of all students must be taken into consideration, along with the allotted course selections and the availability of staff. **Students are making a commitment to the courses they have chosen.** If students change their mind, options will be severely limited (if available at all). Students are encouraged to choose courses with great care and deliberation and will not have the opportunity to select specific teachers or class hours. Therefore, students do not have the option to arbitrarily change their class choices once the semester schedule adjustment period has ended at the start of each semester. If a student would like to adjust a core course for the 2nd semester, they must complete the [Course Placement Waiver Agreement Form](#).

PERSONAL CURRICULUM OPTION

Northview High School students and parents/legal guardians have the right to request a Personal Curriculum (PC) which modifies certain requirements of the Michigan Merit Curriculum (MMC) as permitted by state law and as outlined in board policy 6156.1. Counselors will review eligibility and student's Educational Development (EDP) before any modification is executed.

SEAL OF BILITERACY

The Seal of Biliteracy was created to encourage students to study world languages and embrace their native and heritage languages. The Seal offers evidence of additional language skills that are attractive to future employers and college admissions offices. Higher education institutions in Michigan and nationwide are using the Seal to recognize students for language abilities for admission decisions, placement in world language classes, and granting credit in high school.

The Michigan Seal of Biliteracy requires students to meet the following criteria:

- Demonstrate English proficiency through completion of the Michigan Merit Curriculum (MMC) AND earn a Northview high school diploma.
- Demonstrate Intermediate High Proficiency on world language assessments, taken between the Junior year and first semester of the Senior year.

Students interested in pursuing the Seal of Biliteracy should complete the [Northview Seal of Biliteracy Interest Form](#). The form can also be found in your student's class Toolbox on the Northview High School counseling page. Students who qualify will receive recognition through Honors Convocation, Graduation, and a designation of the Seal of Biliteracy noted on your transcript.

ACADEMIC GRADING

1. The following is the grading scale with the corresponding grade point value that will be used for each class in the high school. All grades will be rounded off to the nearest whole number by the computer with .5 being rounded up (i.e., 92.5% is a 93% for an A).

A	93-100%	4.0	C+	77-79%	2.3	D-	60-62%	.7
A-	90-92%	3.7	C	73-76%	2.0	F	below 59.5%	0
B+	87-89%	3.3	C-	70-72%	1.7	E	below 59.5%	0
B	83-86%	3.0	D+	67-69%	1.3	W/F		0
B-	80-82%	2.7	D	63-66%	1.0	W	no impact	
2. For all classes, a student must earn at least a 59.5% cumulative grade based on the grading breakdown as defined by the class instructor in order to earn credit for a course.
3. If a student is unable to take the last assessment of the semester for a valid reason, they will have one week from the end of the semester date to complete the required work. It is the responsibility of the student to arrange make-up sessions with the instructor.
4. On occasion, a student may need to request to take an exam early. This may be approved or denied on an individual case basis. The student should first consult with the teacher and if approved, then consult with administration for final approval.
5. Students can also earn credit for a course (even if their grade is below 59.5%) by passing the cumulative exam with a 77% or higher. The corresponding grade would be an E (for grade point purposes), but credit would be granted for the graduation requirement. Note –the 77% is the state mandated, test-out score for a student to receive credit for a course.
6. All A.P. (Advanced Placement) courses will be graded using the weighted scale with a one-point numerical enhancement.

GRADE LEVEL GUIDELINES

Minimum number of cumulative credits recommended for each school year:

- 10th grade - 5 minimum credits
- 11th grade - 10.5 minimum credits
- 12th grade - 16 minimum credits

The credits for transfer students will be calculated on an individual basis. In situations where these minimum credit totals are not met, students are considered to be in academic probation. Students will be given two semesters to correct their credit issues. A formal plan will be developed to improve their status if a student does not progress consistently.

TEST OUT POLICY

Testing Out gives highly motivated and academically talented students an opportunity to accelerate through the high school curriculum. It is an opportunity for students to demonstrate mastery (77% or higher) of course content in a written cumulative examination. Students do not receive classroom instruction or experience and/or additional authentic

assessments. Test Out windows are scheduled in April and December.

According to the Michigan Merit Curriculum Law, Section 380.1278(a)(4)(c), "a school district or public school academy shall also grant a student credit if the student earns a qualifying score, as determined by the department, on the assessments developed or selected for the subject area by the department or the student earns a qualifying score, as determined by the school district or public school academy, on 1 or more assessments developed or selected by the school district or public school academy that measure a student's understanding of the subject area content expectations or guidelines that apply to the credit."

TESTING OUT STUDENT PROFILE

The following is a profile of a student who generally is successful in Testing Out:

- High academic achiever
- Above grade level/post-secondary reading level
- Self-motivated learner
- Desires an increase in rigor of their high school schedule

The testing out option should NOT be used for the following:

- Student has struggled or failed in past course work in similar academic areas
- Student does not want to take class

HOMEBOUND STUDENTS

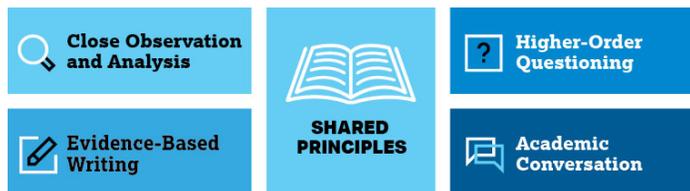
The district shall provide homebound services to an enrolled pupil when the following conditions exist:

- The pupil has a documented medical condition requiring hospitalization or home confinement during the regular school hours.
- The hospitalization or confinement period exceeds 5 school days.

ONLINE COURSE OPTIONS

Approved online courses for Northview Students include courses in the Michigan Online Course Catalog. If a student would like to take ALL classes on-line, a transfer to the NV Learning Center will be initiated.

PRE-ADVANCED PLACEMENT (A.P.) CURRICULUM



Northview High School has successfully established Pre-AP courses from The College Board across four core curriculum content areas of math, science, English, and world history for all 9th and 10th graders, ensuring all students have equitable access to rigorous cross-curriculum content. Students learn the skills they need to succeed in college and careers: reading for evidence, crafting sentences that support claims, interpreting data, and making sense of the world with quantitative information. Teachers use a focused framework supported by engaging, grade-appropriate content, with teachers given the ability to customize the courses to meet the needs of their students. Pre-AP courses are *not* AP or honors courses, but do prepare students for both college and career readiness and higher-level AP courses in the future, should they choose. Information video available at [PRE A.P.](#)

ADVANCED PLACEMENT (A.P.)

Advanced Placement is a program governed by College Board offering a college-level curriculum within high school. NHS offers 19 courses that have the approval of College Board.

Students considering enrollment in A.P. courses should make decisions carefully, keeping the following in mind:

- A.P. courses are college-level equivalent courses
- Class content and homework load is greater than most high school classes.

National A.P. exams take place in May. This exam experience is above and beyond the scope of the classroom and not required. Exam fees can vary each year. Free/reduced lunch students are eligible for a discount. College credit can be earned as a result of qualifying test scores. [A.P. Credit Policy](#) A.P. test payments are made through the Northview High School *Total Registration* account at [Total Registration](#). All I A.P. test ordering must be done through the student's *My A.P. Account*.

A.P. CAPSTONE

AP Capstone™ is a diploma program from College Board based on two year long AP courses: AP Seminar and AP Research. AP Capstone™ **helps students develop the independent research, collaborative teamwork, and communication skills valued by colleges, universities, and the workplace.** College admissions look highly on courses that help students develop skills of collaboration, academic research, writing, and presentation.

AP Seminar and AP Research are the ideal booster of subsequent AP scores and a powerful indicator of college readiness on a student's transcript. [Research](#) has found that students who take AP Seminar and AP Research are more likely to persist in college and earn higher first-year college GPAs. Contact your counselor for more information.

N.H.S. TESTING PROGRAM

- | | |
|---|---|
| <p>9th Grade</p> <ul style="list-style-type: none"> • PSAT 8/9 • PSAT/NMSQT (optional) | <p>10th Grade</p> <p>-PSAT 10</p> |
| <p>11th Grade</p> <ul style="list-style-type: none"> • PSAT/NMSQT (optional) • MME (Michigan Merit Exam) • SAT | <p>12th Grade</p> <p>-SAT/ACT (optional)</p> <p>-MME (Michigan Merit Exam) if not completed Junior year</p> |

MICHIGAN MERIT EXAMINATION (MME)

The Michigan Merit Exam (MME) is administered to Juniors in the spring. This exam consists of the following:

- SAT - College entrance exam
- WorkKeys (work skills assessment in Reading, Math & Locating Information)
- Michigan developed online tests in Science and Social Studies (M-STEP)

Scores received on the MME serve multiple purposes. College entrance test will provide a reportable score to colleges and universities for admissibility, NCAA eligibility and dual enrollment eligibility.

SAT TEST	ACT TEST
<p>NHS CEEB Code: 231-733</p> <p>https://collegereadiness.collegeboard.org/sat/register/dates-deadlines</p>	<p>NHS CEEB Code: 231-733</p> <p>https://actstudent.org/</p>

DUAL ENROLLMENT

Qualifications for Dual Enrollment

- The course must not be offered at NHS or not available to the student due to an unavoidable scheduling conflict.
- Course must be academic in nature:
 - Not ordinarily taken as an activity course
- May not be a hobby, craft, or recreational and not in subject areas of PE, theology, divinity, or religious education.
 - Check college dual enrollment restricted list of classes.
- Many post-secondary institutions require a minimum high school G.P.A. to participate; for example, GRCC requires a cumulative 2.5 G.P.A., GVSU requires a 3.0 cumulative G.P.A.
- Students must meet minimum qualifying test scores in a content area that closely matches the dual enrollment course being sought (exceptions are computer and foreign language courses). More information regarding the Dual Enrollment process at Northview High School can be found [HERE](#) or on the Counseling page under Student Services on the Northview High School website.

PARENTVUE / STUDENTVUE

ParentVue and StudentVue is an internet-based system that enables Northview staff to upload information to the web and provide parents/guardians with current reports of their student's academic progress.

The system is secure and accessible only to parents/guardians and students who have an account set-up. It is important for parents and students to remember their activation code, screen name and password because it is their confidential connection to ParentVue and StudentVue. Sharing this information with others allows access to confidential information.

NCAA INITIAL-ELIGIBILITY CENTER (NATIONAL COLLEGIATE ATHLETIC ASSOCIATION)

NCAA COLLEGE ATHLETIC ELIGIBILITY: if a student wants to play sports at a NCAA Division I or II school, they must start by registering for a Certification Account with the NCAA Eligibility Center at [Eligibility Center](#). The following websites provide all the essential information for interested students. Right click on the hyperlinks below for information.

NCAA ELIGIBILITY CENTER GUIDE FOR THE COLLEGE BOUND STUDENT ATHLETE-
[Guide for the College Bound Student Athlete](#)

NCAA DIVISIONS 1, II, III-[Three Divisions](#)

Alternative Standard	Division I	Division II
Qualifier Athletics aid, practice and competition.	Complete Academic Record: » Core-course progression (10/7) before starting 7th semester » 16 core-course units in the required subject areas; » > 2.300 core-course GPA; and » Proof of graduation.	Complete Academic Record: » 16 core-course units in the required subject areas; » > 2.200 core-course GPA; and » Proof of graduation.
Early Academic Qualifier Athletics aid, practice and competition.	Pre-7th Semester: » 14 core-course units in the required subject areas; and » > 3.000 core-course GPA.	Pre-7th Semester: » 14 core-course units in the required subject areas; and » > 2.500 core-course GPA.
Academic Redshirt Athletics aid (1st year) and practice (1st term).	Complete Academic Record: » 16 core-course units in the required subject areas; » > 2.000 core-course GPA; and » Proof of graduation.	

LIST OF APPROVED NCAA CORE COURSES (FORM 48H)

ENGLISH	SOCIAL STUDIES	MATHEMATICS	NATURAL/PHYSICAL SCIENCE	ADDITIONAL CORE COURSES
Course Title College Writing Communications Creative Writing English 9 Pre A.P. English 9 English 10 English 11 English 12 A.P. English-Language A.P. English-Literature A.P. Seminar A.P. Research Journalism I Mythology Rhetoric/Debate World Literature	Course Title American Government A.P. African American Studies A.P. American Government Current Economic Events Economics Humanities A.P. Macroeconomics A.P. Microeconomics Political Science & Law Current Issues in Human Dev. Psychology A.P. Psychology Contemporary World Issues U.S. History A.P. U.S. History World History Pre A.P. World History A.P. World History History of Pop Culture	Course Title Pre-A.P. Algebra 1 Algebra 1 Advanced Algebra 1 Algebra 2 Algebra 2-2 yr. (1 unit max.) Advanced Algebra 2 Functions/Statistics/Trig. Geometry Pre-A.P. Geometry with Statistics Advanced Geometry Advanced Pre-Calculus A.P. Pre-Calculus A.P. Calculus College Algebra Statistics A.P. Statistics A.P. Computer Science A A.P. Computer Science Princ.	Course Title Anatomy & Physiology Pre-A.P. Biology Biology Accelerated Biology A.P. Biology Pre.-A.P. Chemistry Chemistry Accelerated Chemistry A.P. Chemistry Criminalistics Ecology/Zoology A.P. Environmental Science Physics Accelerated Physics A.P. Physics C (Mechanics) Research Methods	Course Title American Sign Language 1 American Sign Language 2 American Sign Language 3 French 1 French 2 French 3 French 4 German 1 German 2 German 3 German 4 Spanish 1 Spanish 2 Spanish 3 Spanish 4 A.P. Spanish

Contact the NCAA national office for additional information regarding accommodations for students with disabilities.

NAIA (NATIONAL ASSOCIATION OF INTERCOLLEGIATE ATHLETICS)

Students who plan to participate in sports in the NAIA for the first time must register with the **NAIA Eligibility Center** to have their eligibility determined.
<https://play.mynaia.org/>

To be eligible for competition, a freshman must be:

- Graduate of accredited high school or be accepted as regular student in good standing, *AND* meet *two* of *three* requirements:
 1. Achieve a minimum overall high school GPA of 2.0 on a 4.0 scale
 2. Graduate in the top 50% of your high school class
 3. 18 composite score on the ACT* or 970 on the SAT** (Evidence-Based Reading and Writing & Math)

APPLIED TECHNOLOGY/COMPUTER DEPARTMENT

COURSE ID	TITLE	CREDIT	SEM=S OR YEAR=Y	GRADE LEVEL	MEETS MMC REQS	PREREQUISITE
TE50	Introduction to CAD	.5	S	9,10,11,12	.5 VPA or .5 4 th Math Elective	
TE52	Gearing with CAD	.5	S	9,10,11,12	.5 VPA or .5 4 th Math Elective	Introduction to CAD, or Counselor/Teacher Approval
TE53	Networking	.5	S	9,10,11,12	.5 VPA or .5 4 th Math Elective	
TE55	Exploration and Opportunities in Technology	.5	S	9,10,11,12	.5 VPA	
CU80	Introduction to Cyber Security	.5	S	9,10,11,12	.5 VPA or .5 4 th Math Elective	
CU81	Introduction to Robotics	.5	S	9,10,11,12	.5 VPA or .5 4 th Math Elective	
TE91	STEAM Challenge A	.5	S	9,10,11,12	.5 VPA or .5 Elective	
TE92	STEAM Challenge B	.5	S	9,10,11,12	.5 VPA or .5 Elective	
CU20	STEAM Challenge: CODING	.5	S	9,10,11,12	.5 VPA or .5 4 th Math Elective	Coding Knowledge Pre-rec
CU85	Coding in Unity	.5	S	9,10,11,12	.5 VPA or .5 4 th Math Elective	
SACA 100/200	SACA Manufacturing Lab	1	S	11,12	.5 VPA & .5 Math Elective	Algebra 1
CU33	Intro to Photoshop And Illustrator	.5	S	9,10,11,12	.5 VPA	
CU39	Media & Film Production	.5	S	9,10,11,12	.5VPA	
					1 VPA or .5 Math	

CSAAPF/W	A.P. Computer Science A	1	Y	9,10,11,12		Algebra 1
TE60	A.P. Computer Science Principles	1	Y	9,10,11,12	1 VPA or .5 Math	Algebra 1
CU14	Introduction to Computer Science & Coding	.5	S	9,10,11,12	.5 VPA	
CU22	Microsoft Office 2016 & Web Tools	.5	S	9,10,11,12	.5 VPA	
CU35	Web Page Development	.5	S	9,10,11,12	.5 VPA	
TE95	Design and Production Lab	.5	S	9,10,11,12	.5 VPA or .5 math per semester	
CU70F/W	Yearbook	1	Y	10,11,12	.5 VPA per semester	Application required

INTRODUCTION TO CAD – TE50

(SEMESTER, GRADES 9-12)

FULFILLS .5 VPA SEMESTER CREDIT OR .5 4TH MATH ELECTIVE

THIS COURSE IS REQUIRED FOR ALL OTHER CAD COURSES.

This class is aimed at students who are new to Computer Aided Design. It will teach the fundamentals of CAD while focusing on creation of real world parts and products using mathematics and computer science. Students will produce numerous parts and assemblies to accomplish their projects while showing off their creativity and attention to detail.

GEARING WITH CAD – TE52

(SEMESTER, GRADES 9-12)

FULFILLS .5 VPA SEMESTER CREDIT OR .5 4TH MATH ELECTIVE

PREREQUISITE: INTRODUCTION TO CAD, INTRODUCTION TO DRAFTING, INTRODUCTION TO TECHNOLOGY & MANUFACTURING OR COUNSELOR/TEACHER APPROVAL

This project-based CAD class will focus on the utility of gears using mathematics and computer science. Students will learn how gears work, why we use them, and the different gearing options available. Learners will then take that knowledge into CAD to make fully functional assemblies with gears. *Northview High School is pursuing articulation credit for college courses at Grand Rapids Community College.*

NETWORKING – TE53

(SEMESTER, GRADES 9-12)

FULFILLS .5 VPA SEMESTER CREDIT OR .5 4TH MATH ELECTIVE

This class focuses on computer networks. Students will learn what it takes for a computer to hook-up to a network, how that network functions, and the importance of protecting those networks. Learners will be exposed to network fundamentals as well as some basic network attacks and how we prevent those attacks. *Northview High School is pursuing articulation credit for college courses at Grand Rapids Community College.*

EXPLORATION AND OPPORTUNITIES IN TECHNOLOGY – TE55

(SEMESTER, GRADES 9-12)

FULFILLS .5 VPA SEMESTER CREDIT

This class aims to provide students a look into numerous fields of technology. Students will learn about different career paths in tech as well as different applications of tech in non-traditional environments. The EOT units will include career pathways, basic computer hardware and software, troubleshooting, basic computer networking, cyber security, and 3D printing. EOT will utilize teamwork to creatively solve problems using a systematic approach.

INTRODUCTION TO CYBER SECURITY – CU80

(SEMESTER, GRADES 9-12)

FULFILLS .5 VPA SEMESTER CREDIT OR .5 4TH MATH ELECTIVE

This class will help students learn how to keep their information safe online. It will teach them some basics of cyber attacks as well as discussing the major hacks in history. Students will learn how a network functions, how it gets broken, and how it can be taken advantage of. We will also learn about physical security and social engineering.

INTRODUCTION TO ROBOTICS – CU81

(SEMESTER, GRADES 9-12)

FULFILLS .5 VPA SEMESTER CREDIT OR .5 4TH MATH ELECTIVE

This class will use mathematics and computer science to introduce students to robotic systems, programming, and sensors. Students will build and program different robots to accomplish multiple challenges. These challenges will include speed, climbing, objects and obstacles.

STEAM CHALLENGE A – TE91

(SEMESTER, GRADES 9-12)

FULFILLS .5 VPA SEMESTER CREDIT OR .5 ELECTIVE

In this hands-on design challenge course, students will make sense of problems and work through them by creating prototypes of land objects like cars, catapults and trebuchets. Their products will be tested and challenged through competitions against their peers. Students will learn to reason abstractly, think on their feet, and modify and improve on existing designs to create a product that evolves with time and collaborative feedback.

STEAM CHALLENGE B – TE92

(SEMESTER, GRADES 9-12)

FULFILLS .5 VPA SEMESTER CREDIT OR .5 ELECTIVE

In this hands-on design challenge course, students will make sense of problems and work through them by creating prototypes of things like boats and cars. Their products will be tested and challenged through competitions against their peers. Students will learn to reason abstractly, think on their feet, and modify and improve on existing designs to create a product that evolves with time and collaborative feedback.

STEAM CHALLENGE CODING – CU20

(SEMESTER, GRADES 9-12)

FULFILLS .5 VPA SEMESTER CREDIT OR .5 4TH MATH ELECTIVE

PREREQUISITE: A.P. COMPUTER SCIENCE PRINCIPLES, A.P. COMPUTER SCIENCE A, INTRODUCTION TO COMPUTER SCIENCE OR TEACHER APPROVAL - Now that you know a basic level of coding how do you utilize it? This course will teach you how to use your coding skills through art, music, lights, games and computer apps. This course is project based and hands on and will allow you to work with 3-D printers, LED Lights, mini computers and drones. Once you learn the basics there will be a large focus on student choice and you will have several opportunities to create and explore projects that interest you.

CODING IN UNITY – CU85

(SEMESTER, GRADES 9-12)

FULFILLS .5 VPA SEMESTER CREDIT OR .5 4TH MATH ELECTIVE

Have you ever wanted to combine art and coding? You can make side scroller games like Mario or 3D open world games like The Sims or Call of Duty Mobile! Students will learn how to code as they work through tutorials creating their own games and learning how to export them to share with others to play. If you have created 3d Art in Blender or other platforms you can integrate that in your games and watch them come to life. Not prior coding experience required!

SACA MANUFACTURING LAB – SACA 100/200

(SEMESTER, GRADES 11-12)

FULFILLS .5 VPA CREDIT AND .5 MATH ELECTIVE

Students will receive entry level training in SACA (Smart Automation Certification Alliance). This is an industry-recognized certification that can lead a student directly to the workforce or set a solid, hands on experience to explore engineering, robotics, or manufacturing degrees in college. Lectures for class will take place at Northview High School, with lab activities at the Northview Next Career Center. This is a 2-hour class and will run during 1st and 2nd hours. ***Students participating in this training will also have the opportunity to interview for a job at Amway following graduation.***

INTRO TO PHOTOSHOP & ILLUSTRATOR – CU33

(SEMESTER, GRADES 9-12)

FULFILLS .5 VPA CREDIT

This course is an introductory skill-building class on Adobe Photoshop and Illustrator. Students will develop basic skills in how to utilize Adobe Creative Cloud. An emphasis on using Adobe Photoshop and Illustrator to understand composition, image manipulation, retouching, and animation. Students will have an opportunity to create various projects that will reinforce their skills in this complex program and be able to apply them in their everyday lives. **EARN THREE ARTICULATION CREDITS AT GRAND RAPIDS COMMUNITY COLLEGE WITH A PROFICIENCY OF 80% OR HIGHER. EARN ARTICULATION COLLEGE CREDITS AT DAVENPORT UNIVERSITY WITH A PROFICIENCY OF A "B" OR HIGHER.**

MEDIA & FILM PRODUCTION – CR39F/W

(SEMESTER, GRADES 9-12)

FULFILLS .5 VPA CREDIT

This course will educate students on the concepts of film and media making. Students will experience storyboarding, script writing, cinematography, producing, directing, and editing film. An emphasis on introducing industry standard procedures and equipment. Students will have opportunities to create various film projects that will reinforce their skills in filmmaking. **EARN ARTICULATION COLLEGE CREDITS AT DAVENPORT UNIVERSITY WITH A PROFICIENCY OF A "B" OR HIGHER.**

A.P. COMPUTER SCIENCE A – CSAAPF/W

(YEAR, GRADES 9-12)

WEIGHTED COURSE

NCAA Approved Course

FULFILLS 1.0 VPA CREDIT OR .5 MATH

PREREQUISITE: ALGEBRA 1 – AP Computer Science A introduces students to computer science through programming.

Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language.

A.P. COMPUTER SCIENCE PRINCIPLES– TE60

(YEAR, GRADES 9-12)

WEIGHTED COURSE

NCAA Approved Course

FULFILLS 1.0 VPA CREDIT OR .5 MATH

PREREQUISITE: ALGEBRA 1 – This class introduces students to the breadth of the field of computer science. In this course, students will learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. Students will learn the language of JavaScript to create basic applications and clicker games. Throughout the course students will demonstrate knowledge of concepts through hands-on projects involving music, art, writing, and drones. Students will also explain how computing innovations and computing systems, including the Internet, work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical. In May, students will have the opportunity to take the AP test and earn college credit.

INTRODUCTION TO COMPUTER SCIENCE AND CODING – CU14

(SEMESTER, GRADES 9-12)

FULFILLS .5 VPA CREDIT

This semester course is a beginner-based curriculum equivalent to a college introductory programming coding class. This course will mainly focus on the programming language of Python for beginners. Lessons and projects will be individually based as well as PAIR PROGRAMMING based with students working with partners to accomplish a programming task. Students will learn about the exciting kinds of problems tackled by computer science while exploring the field's most important tools—programming and writing code. Through this collaborative, learner-centric approach, students will develop their own programming, coding and computational thinking skills. Students will be using a hands-on approach with online open source applications which include Code HS, W3Schools & Code.org.

MICROSOFT OFFICE 2016 & WEB TOOLS – CU22

(SEMESTER, GRADES 9-12)

FULFILLS .5 VPA CREDIT

This class was designed to give students introductory skills in Microsoft Office, including Microsoft Word 2016, Excel 2016, Access 2016 and PowerPoint 2016. By the end of this course, students will feel comfortable in word processing, spreadsheet, database, and presentation uses of the computer including Free Web Tools integrated into the curriculum. Examples are Google Drive, Flickr, Picnik, Photobucket, Google Docs, Animoto, etc. Students will have multiple hands-on assignments to enhance their skills of using

these software applications. Online web resources will be made available. Lastly, students will be able to use this course as a resource towards improving technology-related projects in coursework across the curriculum.

WEB PAGE DEVELOPMENT – CU35

(SEMESTER, GRADES 9-12)

FULFILLS .5 VPA CREDIT

This course is intended to supply students with the knowledge and experience of exploring the world of web design. This course teaches students an introduction to the web, website layouts, typography, color theory, accessibility, and creative potential into reality, and multimedia and web design. Many projects will involve HTML, XHTML, and Dynamic HTML coding language. Discussion and participation questions will be a daily activity on web design topics. The graphics software used during the class will be done with Adobe Photoshop. The web editor of Adobe Dreamweaver will be utilized in working with text, color, and imaging. The students will have an opportunity to create a variety of web page site designs through guided and independent practice. Individual and group projects will be assigned. Good typing, writing, communication and organizational skills are recommended. ***EARN ARTICULATION CREDITS AT GRAND RAPIDS COMMUNITY COLLEGE WITH A PROFICIENCY OF 80% OR HIGHER.***

DESIGN AND PRODUCTION LAB - TE95

(SEMESTER, GRADES 9-12)

FULFILLS .5 VPA CREDIT or .5 12th grade math credit

In this one semester hands-on Design and Production Lab course, students gain practical experience by simulating a small business manufacturing operation. You'll work on real-world projects for both internal and external clients, applying essential math standards to tasks like CAD design, inventory management, cost analysis, and invoicing. The lab emphasizes project-based learning through CAD design, 3D printing, laser cutting, and precision measurement, preparing you for the demands of the modern workplace.

YEARBOOK – CU70F/W

(YEAR, GRADES 10-12)

FULFILLS 1 VPA CREDIT, AND/OR .5 VPA CREDIT

PREREQUISITE: COMPLETE AND SUBMIT AN APPLICATION TO MR. HOWE (AVAILABLE IN COUNSELING OFFICE OR MR. HOWE)

Yearbook is highly respected on college resumés. Students enrolled in Yearbook work as a team to plan, design, and finance publication of the annual NHS "Aquila" yearbook. Students design layouts, take photos, conduct interviews, write stories and captions, sell yearbooks to peers, sell business ads to local companies, and raise all remaining funds necessary to pay for the yearbook's publication. Yearbook grows your communication confidence and teaches much about the business world outside of high school. Students have a high degree of freedom in yearbook class, therefore, a high level of responsibility and self-motivation are key qualities of a successful yearbook staffer. An applicant's GPA and teacher references listed on their application are used as evidence to select new staff members exhibiting these specific character traits. The yearbook is produced using both state of the art design software and photography equipment on which students are trained. Knowledge of photography techniques, cameras, Windows/MAC computer operating systems, file/data storage, and photo editing software is a plus but not necessary. Yearbook staffers that meet their assigned deadlines throughout the school year are rewarded with a FREE YEARBOOK!

ART DEPARTMENT

COURSE #	TITLE	CREDIT	SEM=S OR YEAR=Y	GRADE LEVEL	MEETS MMC REQS	PREREQUISITE
AR15	Introduction to Art	.5	S	9,10,11,12	.5 VPA	
AR20	Arts & Crafts	.5	S	9,10,11,12	.5 VPA	
AR61	Mindful Art	.5	S	9,10,11,12	.5 VPA	
AR50	Drawing	.5	S	9,10,11,12	.5 VPA	Introduction to Art
AR35	Ceramics & 3-D Art	.5	S	9,10,11,12	.5 VPA	Introduction to Art
AR60	Painting	.5	S	10,11,12	.5 VPA	Introduction to Art and Drawing
AR75	Digital Photography	.5	S	10,11,12	.5 VPA	Introduction to Art
AR90	Fashion Design	.5	S	10,11,12	.5 VPA	Introduction to Art or Teacher Approval
AR81	Graphic Design	.5	S	10,11,12	.5 VPA	Introduction to Art or Teacher Approval
ARAPAF/W	A.P. Art Studio	1	Y	11,12	1.0 VPA	Introduction to Art, Drawing, 2 Additional Art Courses and Teacher Approval

NOTE: Some classes may be repeated per teacher approval.

INTRODUCTION TO ART- AR15

(SEMESTER, GRADES 9-12)

FULFILLS .5 VPA CREDIT

THIS COURSE IS REQUIRED IN ORDER TO TAKE ANY FUTURE ART CLASSES WITH THE EXCEPTION OF ARTS & CRAFTS OR CREATIVE PROBLEM SOLVING – Imagine this class as the “buffet” of art. This exploratory art class introduces a wide variety of basic techniques in the areas of drawing, painting, design, printmaking, mixed media, and sculpture. This course is intended to focus on the Elements of Art (line, value, shape, color, form, texture, space) as well as the Principles of Design (emphasis, rhythm, repetition, balance, unity, variety, scale & proportion). Other areas of study will include art history, career awareness, and basic methods of art production.)

ARTS & CRAFTS - AR20

(SEMESTER, GRADES 9-12)

FULFILLS .5 VPA CREDIT

This course is intended for students who are interested in exploring traditional techniques from around the world and making craft based art with a contemporary spin (think Etsy style hand crafted projects). Students will learn about various cultures while creating works of art using a wide variety of different mediums (i.e. paint, clay, fabric, metal, wood, and yarn, et.) and multiple studio techniques. Great skill building class that doesn't require prior knowledge of art.

DRAWING – AR50

(SEMESTER, GRADES 9-12)

FULFILLS .5 VPA CREDIT

PREREQUISITE: INTRODUCTION TO ART - This course focuses on the many foundational skills of drawing such as the elements and principles of design, composition, and basic mark making approaches. The various ways and styles of drawing like contour line, gesture, still life, figure, and more will also be introduced. Each student will get a chance to work with a wide variety of media such as graphite, colored pencils, charcoal, oil pastels, chalk pastels, pen & ink, and watercolor. Most of the work will be based on observational drawing skills of converting 3-D space to a 2-D picture plane, but other styles of art may be explored as well (i.e. illustration, cartooning, calligraphy, etc.).

CERAMICS & 3-D ART – AR35

(SEMESTER, GRADES 9-12)

FULFILLS .5 VPA CREDIT

PREREQUISITE: INTRODUCTION TO ART - Do you enjoy creating and building 3-dimensional things? If you answered “YES” then, welcome! In this class, you will create a series of projects designed to familiarize you with clay and 3-Dimensional materials for the creation of sculptures. Utilizing design concepts, you will be encouraged to create various conceptual and aesthetically pleasing works of art. Students will work with advanced Handbuilding techniques in clay as well as be introduced to the art of wheel throwing pottery (yes - this is the spinny thing that you can make pottery on!) This class offers so much more! We may also focus on metalsmithing and wearable sculptures (a.k.a. jewelry). Students who want advanced wheel throwing instruction may take this class again upon teacher approval.

PAINTING – AR60

(SEMESTER, GRADES 10-12)

FULFILLS .5 VPA CREDIT

PREREQUISITE: INTRODUCTION TO ART & DRAWING – Are you ready to explore all the wonders of paint? In this course a refresher in composition, drawing, design, and color theory will be provided. An exploration of various techniques, the newest painting materials and a variety of traditional and unique painting surfaces will be offered. Be ready to expand your skills in a variety of traditional and non-traditional painting techniques while also learning about the psychological effects of color theory as it applies to visual culture & historical evolution of painting over time.

MINDFUL ART - AR61

(SEMESTER, GRADES 10-12)

FULFILLS .5 VPA CREDIT

NO PREREQUISITE: This course is designed for students who are interested in creating art that connects the mind, body, and the heart. No artistic skill is necessary, just a willingness to understand oneself better to promote less stress, self-compassion, and self-worth. We will explore how art, when combined with neuroscience and mindfulness, may be used to develop everyday-life skills and beautiful artwork.

DIGITAL PHOTOGRAPHY – AR75

(SEMESTER, GRADES 10-12)

FULFILLS .5 VPA CREDIT

PREREQUISITE: INTRODUCTION TO ART –This course will focus primarily on the use of digital cameras and how to edit the images in Adobe Photoshop. It will also include a unit on darkroom photography that demonstrates how things were done in the past. A large emphasis will be placed on the art of composition, basic photography techniques, and a variety of technical knowledge of manual camera functions. Due to the technical skills required, **students need to be responsible and to have good use of time management skills** in order to use **expensive classroom materials** during independent studio time which is often **outside of the art room**. Access to a digital camera is required for completion of projects as well as access to the internet to upload and save work to an online portfolio. Students will also create digital portfolios of their work. Click [HERE](#) for more info about Photography.

FASHION DESIGN – AR90

(SEMESTER, GRADES 10-12)

FULFILLS .5 VPA CREDIT

PREREQUISITE: INTRODUCTION TO ART OR TEACHER APPROVAL - Do you love to look at the latest fashions? If this describes you, then you will really enjoy this course where an introduction to the fields of fashion will be explored. Topics of functional and aesthetic elements for design will be discussed with an emphasis on aesthetics. Besides design, other areas of focus will be illustrations, color theory, industry history, knowledge of fabrics and textiles, basic accessorizing and simple sewing. This course will also place emphasis on the wide variety of careers offered in the world of fashion, how to begin pursuing them with some job shadowing and resume building opportunities. Students may need to provide some materials.

GRAPHIC DESIGN – AR81

(SEMESTER, GRADES 10-12)

FULFILLS .5 VPA CREDIT OR .5 COMPUTER CREDIT

PREREQUISITE: INTRODUCTION TO ART OR TEACHER APPROVAL – Do you enjoy drawing and learning how to digitally enhance your work on a computer? Do you have an eye for good design, font, and color or maybe you want to learn more? This Graphic Design course embraces a range of visual arts skills, aesthetics, and crafts, including typography, design principles, color theory, and page layout, as well as, drawing with tablets through the use of the Adobe CS6 Suite (Photoshop, Illustrator and InDesign, etc.) as well as a variety of traditional art making methods. Students will also create a digital portfolio in preparation for art school admission by designing their own personal website. ***EARN ONE ARTICULATION COLLEGE CREDIT AT DAVENPORT UNIVERSITY WITH A PROFICIENCY OF A “B” OR HIGHER.***

AP STUDIO ART – ARAPAF/W

(YEAR, GRADES 11-12)

FULFILLS 1 VPA CREDIT

***WEIGHTED COURSE**

PREREQUISITE: INTRODUCTION TO ART, DRAWING, 2 ADDITIONAL ART COURSES AND TEACHER APPROVAL

****NCAA Approved Course*** –This course is intended to offer a college-level curriculum in a high school environment. Students who successfully complete the course may either request credit from the college or university they will attend, or prepare a personal art portfolio. At the end of the school year, participants who wish to receive college credit will pay a test fee for submitting their portfolio, and submit digital pictures of their portfolio. Students who enroll in this year-long Advanced Placement Studio Art course will be expected to produce a minimum of 15-20 works of art in a variety of media, techniques and subject matter. There are two areas of concern: (1) The student’s ability to recognize quality in his or her “Selected Works”, (2) their concentration on a “Sustained Investigation” of a particular visual interest or problem. They will receive a weighted grade. Advanced Placement students must submit their work to the testing center in early May.

BUSINESS DEPARTMENT

COURSE #	TITLE	CREDIT	SEM=S OR YEAR=Y	GRADE LEVEL	MEETS MMC REQS	PREREQUISITE
BU10F/W	Accounting	1	Y	10,11,12	Math Elective	
BU50	Financial Literacy	.5	S	10,11,12	Math Elective	

ACCOUNTING – BU10F/W

(YEAR, GRADES 10-12)

FULFILLS .5 (PER SEMESTER) MATH ELECTIVE CREDIT - Accounting gives students the basic financial knowledge and record keeping skills useful for entry into business careers. Students will go through the entire accounting cycle for single ownership, partnership, and corporate accounting. Great life skills class for all students. Also recommended for students who plan to pursue a business related field at the college level: i.e. business administration, marketing, finance, and related majors. **EARN ARTICULATION COLLEGE CREDITS AT DAVENPORT UNIVERSITY WITH A PROFICIENCY OF A “B” OR HIGHER.**

FINANCIAL LITERACY– BU50

(SEMESTER, GRADES 10-12)

Required for class of 2028 and beyond.

FULFILLS .5 MATH ELECTIVE CREDIT

This course is designed to teach the fundamentals of money management following the Ramsey Foundation high school curriculum. Dave Ramsey is a personal money management expert, radio personality and author. Students will learn practical everyday concepts in a variety of financial areas. Students will develop skills working with checking accounts, taxes, credit information, student loans, car loans, debt, insurance coverage, and investing (mutual funds, IRA's, CD's, stock market). Other topics will include business commission, sales tax, markup, markdown, discounts, inventory, car and mortgage loans, and many more important financial matters.

LANGUAGE ARTS DEPARTMENT

COURSE #	TITLE	CREDIT	SEM=S OR YEAR=Y	GRADE LEVEL	MEETS MMC REQS	PREREQUISITE
EN9PREAPF/W	Pre-A.P. English 9	1	Y	9	English 9	
ENAPSF/W	A.P. Seminar	1	Y	10	English 10	
EN11F/W	English 11	1	Y	11	English 11	
EN12F/W	English 12	1	Y	12	English 12	
EN670F/W	A.P. English Language & Composition	1	Y	11,12	English 11 or 12	
EN660F/W	A.P. English Literature & Composition	1	Y	11,12	English 11 or 12	
ENAPRESF/W	A.P. Research	1	Y	11,12		A.P. Seminar
EN220	Communications	.5	S	10,11,12	VPA	
EN640	Creative Writing	.5	S	10,11,12		
EN600	Film Classics	.5	S	10,11,12	VPA	
ENJ1F/W	Journalism 1	1	Y	9,10,11,12	VPA	
ENJ2F/W	Journalism 2	1	Y	10,11,12	VPA	“B” or higher in Journalism 1 and application acceptance to <i>The Roar</i>
EN190	Rhetoric (Debate)	.5	S	9,10,11,12	VPA	
EN250	Mythology	.5	S	10,11,12		
EN230	Theatre Arts	.5	S	9,10,11,12	VPA	
EN240	Advanced Theatre Arts	.5	S	10,11,12	VPA	Instructor Approval and Audition

PRE-ADVANCED PLACEMENT (A.P.) ENGLISH 9 – EN9PREAPF/W

(YEAR, GRADE 9)

NCAA Approved Course

English 9 Pre-AP, a College Board course, uses a text-centered framework to introduce students to the foundational routines of close observation, critical analysis and appreciation of author's craft. Students will read and analyze a variety of short stories, visual texts, poetry, drama and essays. Students will also learn the value of textual evidence and effectively incorporate it into their writing and speaking. With a deep focus on a selected number of concepts, this course aims to build and strengthen students' content knowledge and skills that have relevance for all high school coursework.

ADVANCED PLACEMENT (A.P.) SEMINAR – ENAPSF/W

*(YEAR, GRADE 10) *Grade 10 English course*

WEIGHTED COURSE

NCAA Approved Course

AP Seminar, a College Board course, uses an inquiry framework to engage students in cross-curricular conversations that explore the complexities of real world topics. Students will analyze articles and discuss issues in literature and the arts to develop their own perspectives and writing in essays and multimedia presentations. This course is differentiated for all students and is a mix of independent and collaborative work using a variety of units and resources. The course aims to equip students with the power to evaluate and analyze information with accuracy and precision using ethical research practices. Students completing this course with success and electing other AP courses during successive years will earn an AP Capstone diploma from the College Board.

ENGLISH 11– EN11F/W

(YEAR, GRADE 11)

NCAA Approved Course

In addition to the 9th and 10th grade English requirements, English 11 will feature the theme of transformational thinking as students continue to improve their reading, writing, listening, and speaking skills through the following pieces of literature: *Beowulf*, *Hamlet*, and *Lord of the Flies*. Students will also review grammar, rhetorical usage, and test-taking skills necessary for improved scores on the SAT/M-Step. Persuasive essays and a research paper, along with projects and presentations, will complete the course requirement.

ENGLISH 12 – EN12F/W

(YEAR, GRADE 12)

NCAA Approved Course

Students will complete the four year English requirement with a standards-based curriculum that is vertically aligned in the study of literature, writing, and communication. This course of study will feature the theme of leadership and rely upon the study of the following pieces: *Night*, *The Great Gatsby*, and *Antigone*. In addition to these primary texts, students will also engage in additional readings and complete a culminating Senior Project.

ADVANCED PLACEMENT (A.P.) ENGLISH LANGUAGE AND COMPOSITION – EN670F/W

(YEAR, GRADES 11-12)

WEIGHTED COURSE

NCAA Approved Course

PREREQUISITE: COUNSELOR APPROVAL – A.P. English Language and Composition engages students in becoming skilled readers of primarily nonfiction prose written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Through close reading and focused writing, students will become aware of how the interactions among subject, audience, and purpose contribute to effectiveness in writing. Every student is required to read a minimum of **ten books per year**. All books read will require robust reading notes plus analysis.

ADVANCED PLACEMENT (A.P.) ENGLISH LITERATURE AND COMPOSITION – EN660F/W

(YEAR, GRADES 11-12)

WEIGHTED COURSE

NCAA Approved Course

PREREQUISITE: COUNSELOR APPROVAL – A.P. Literature and Composition engages students in a close, critical study of imaginative literature from a wide-range of cultures and periods. Through the analysis of both poetry and prose, students will consider the author's craft, which serves to deepen the reader's understanding and appreciation of both classic and contemporary selections. In addition to reading literature, students will respond both creatively and analytically to what they read. Every student is required to read a minimum of **ten books per year**. All books read will require robust reading notes plus analysis.

ADVANCED PLACEMENT (A.P.) RESEARCH – ENAPRESF/W

(YEAR, GRADES 11-12)

PREREQUISITE: A.P. SEMINAR

WEIGHTED COURSE

NCAA Approved Course

Build on what you learned in AP Seminar to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, you will design, plan, and conduct a year-long research based investigation to address a research question. AP Research is an interdisciplinary course that encourages students to demonstrate critical thinking and academic research skills on a topic of the student's choosing. To accommodate the wide range of student topics, typical college course equivalents include introductory research or general elective courses. This course emphasizes conducting independent research, analyzing sources and evidence and applying context and perspective, writing a college-level academic paper and presenting research findings to an audience. By passing AP Seminar and AP Research examinations with at least a "3", students earn an AP Capstone Certificate at graduation.

COMMUNICATIONS – EN220

(SEMESTER, GRADES 10-12)

NCAA Approved Course

FULFILLS .5 VPA CREDIT

This course is designed to teach students the communication process along with the foundations of intrapersonal, interpersonal, and group communication. Students will also study the dynamics of verbal and nonverbal messages. In addition, emphasis is placed on listening and responding skills. Communications provides instruction and experience in preparation and delivery of speeches within a public setting. Upon completion of the course, students should be able to demonstrate the skills to be effective communicators in academic settings, the workplace and in the community. Course requires a minimum of six speeches and audio/visual presentations.

CREATIVE WRITING – EN640

(SEMESTER, GRADES 10-12)

NCAA Approved Course

Students with strong writing skills who want to explore their own creativity will find this course both challenging and enriching. The course will include the following genres: short story, children's literature, poetry, screenplay scripts for television, interviewing skills through the StoryCorps Project and memoir.

FILM CLASSICS – EN600

(SEMESTER, GRADES 10-12)

FULFILLS .5 VPA CREDIT

Students who elect this course will explore classic films and become critical viewers. They will explore characters, plots, themes and ideas behind the movies. The class will compare books and their films, look at film special effects, and allow students to explore one genre in depth. Students will need access to films through Netflix or a KDL card to view some films at home.

JOURNALISM 1 – ENJ1F/W

(YEAR, GRADES 9-12)

FULFILLS 1 VPA AND/OR .5 VPA CREDIT

NCAA Approved Course

This course is designed to introduce students to the history of mass media and its role in contemporary society, as well as provide an overview of how to write news stories, features, editorials, sports stories and captions. Included is the study of the basic features of journalism and newspaper production, freedom and responsibility of the press, career opportunities in communications, balanced reporting and writing to fulfill a variety of assignments. Skill development includes: dynamic journalism, research self-selected topics, and basic principles of digital publication. *This course is a prerequisite to Newspaper Production.*

JOURNALISM 2 “Newspaper Production” – ENJ2F/W

PREREQUISITE: “B” in Journalism 1 and application acceptance to *The Roar*

*(YEAR, GRADES 10-12) *may be repeated*

FULFILLS 1 VPA AND/OR .5 VPA CREDIT

Students in Newspaper Production assume the responsibility for producing the online school newspaper, *The Roar*, which includes advanced writing, interviewing, in-depth research for news stories and features, photography, photo editing, page layout and design,

and meeting deadlines. Objectives include management and production of the school newspaper, using editorial judgment and journalistic integrity, as well as working with time constraints and budget limitations.

RHETORIC (DEBATE) – EN190

(SEMESTER, GRADES 9-12)

NCAA Approved Course

FULFILLS .5 VPA CREDIT

Debate is an intensive study of argumentation and presentation. Debate develops teamwork, research skills, and persuasive public speaking skills. The course revolves around a nationally assigned research topic each year that centers on public policies. Students will learn policy debate format and terminology. Students are required to compete in class and may compete in after school contests. Strong argumentation, research and analysis skills are necessary to be a successful debater.

MYTHOLOGY – EN250

(SEMESTER, GRADES 10-12)

NCAA Approved Course

Interested in dynamic deities, amazing heroes, fantastic quests, and ancient mysteries? Mythology students explore a variety of myths, legends and heroic tales from Greek, Norse, Egyptian and other cultures through literature and art. Students will also learn how these treasures have influenced our own culture through a variety of texts, in-class study guides, and original literary, dramatic, and artistic projects.

THEATRE ARTS – EN230

(SEMESTER, GRADES 9-12)

FULFILLS .5 VPA CREDIT

Theatre Arts is a course for students interested in dramatic performance and communication skills. Students participate in a variety of theatrical games meant to highlight the importance of relationships, vocal dynamics, communication through body language, and more. Developing theatre skills will include elements of acting, technical theater (lighting, sound, costumes, stagecraft), and directing. Students will also gain experiences to boost their confidence and understand how to express themselves more effectively. This is a class meant for everyone; regardless of their performance level or aspirations. Besides daily performance requirements, the course mandates attendance to a live theatre performance.

ADVANCED THEATER ARTS – EN240

(SEMESTER, GRADES 10-12)

PREREQUISITE: INSTRUCTOR APPROVAL AND AUDITION

ATA is designed for the serious acting student with a disciplined work ethic. Students are expected to enter the class with a strong grasp of theatrical concepts. Critical analyses of character and scene study are central to the course content. Script analysis, ensemble acting, exploration and development of both internal and external acting, and exercises developing range and clarity are all components of discovering the whole performer. Performance is an integral part of the course and will require additional rehearsals outside of the school day. Note: Enrolled students will be *required* to complete summer reading and monologue preparation for the start of the school year.

MATH DEPARTMENT

COURSE #	TITLE	CREDIT	SEM=S OR YEAR=Y	GRADE LEVEL	MEETS MMC REQS	PREREQUISITE
MA100F/W	Pre-A.P. Algebra 1	1	Y	9,10	Algebra 1	
MAMOM	Math on Main St	1	Y	9	Algebra 1	
MA110F/W	Pre-A.P. Geometry w/Statistics	1	Y	9,10,11	Geometry	Pre-A.P. Algebra 1
MA2F/W	Algebra 2	1	Y	10,11,12	Algebra 2	Pre-A.P. Geometry w/Statistics
MAA2F/W	Advanced Algebra 2	1	Y	10,11,12	Algebra 2	Pre-A.P. Geometry w/Statistics with a "C" or better or Teacher Recommendation
MAFSTF/W	Functions, Statistics, & Trigonometry (FST)	1	Y	11,12	4th year math credit	Algebra 2 or Advanced Algebra 2
MACAF/W	College Algebra	1	Y	12	4th year math credit	Advanced Algebra 2, FST (SENIORS ONLY - cannot be taken after AP Pre-Calculus)
MAPPCF/W	A.P. Pre-Calculus	1	Y	10,11,12	4th year math credit	Advanced Algebra 2 or FST with Teacher Recommendation
MCAPF/W	A.P. Calculus	1	Y	11,12	4th year math credit	AP Pre-Calculus and Teacher Recommendation
MAAPSTA TF/W	A.P. Statistics	1	Y	11,12	4th year math credit	Advanced Algebra 2 or FST

NOTE: Students should discuss course selection options with their current math teacher and school counselor.

PRE-ADVANCED PLACEMENT (A.P.) ALGEBRA 1 – MA100F/W

(YEAR, GRADES 9-10)

NCAA Approved Course

The Pre-AP Algebra 1 course is designed to deepen students' understanding of linear relationships by emphasizing patterns of change, multiple representations of functions and equations, modeling real world scenarios with functions, and methods for finding and representing solutions of equations and inequalities. Taken together, these ideas provide a powerful set of conceptual tools that students can use to make sense of their world through mathematics.

MATH ON MAIN ST - MAMOM

(YEAR, GRADE 9)

Math on MainStreet is a lab based, double period course that incorporates hands-on project based learning through CAD design, 3D printing, laser cutting, precision measurement, and small business operations. Embedded within the course are all of the Algebra 1 priority standards which are assessed through traditional SAT-like assessments AND through project-based demonstrations of math competency. Two credits are earned for successful completion of this course. Meets Algebra 1 and VPAA requirements.

PRE-ADVANCED PLACEMENT (A.P.) GEOMETRY WITH STATISTICS – MA110F/W

(YEAR, GRADES 9-11)

NCAA Approved Course

PREREQUISITE: PRE-A.P. ALGEBRA 1 - Pre-AP Geometry with Statistics is designed to provide students with a meaningful conceptual bridge between algebra and geometry to deepen their understanding of mathematics. Students often struggle to see the connections among their mathematics courses. In this course, students are expected to use the mathematical knowledge and skills they have developed previously to problem solve across the domains of algebra, geometry, and statistics. The course includes a unit of statistics and probability to help students build a deeper understanding of essential concepts related to quantitative literacy.

ALGEBRA 2 – MA2F/W

(YEAR, GRADES 10-12)

NCAA Approved Course-.5 credit

PREREQUISITE: PRE-A.P. GEOMETRY WITH STATISTICS - This course covers advanced algebraic concepts as mandated by the State high school content standards. The students will study linear, exponential, logarithmic, trigonometric and polynomial functions and their properties. They will be studying both abstract and real world situations both with and without a calculator. There will also be some work on basic math skills. A scientific or graphing calculator is required for this course.

ADVANCED ALGEBRA 2 – MAA2F/W

(YEAR, GRADES 10-12)

NCAA Approved Course

PREREQUISITE: PRE-A.P. GEOMETRY WITH STATISTICS WITH A “C” OR BETTER OR TEACHER

RECOMMENDATION - This course is for students who excel in math. This course covers advanced algebraic concepts as mandated by the State high school content standards. The students will study, exponential, logarithmic, trigonometric and polynomial functions and their properties. They will be studying abstract and real world situations both with and without a calculator. This course prepares students for college level math classes. For best success students should possess a TI-83 or TI-84 calculator. The TI-85 and TI-86 are not recommended. The TI-89 and TI-92 are not allowed.

FUNCTIONS, STATISTICS & TRIGONOMETRY (FST) - MAFSTF/W

(YEAR, GRADES 11-12)

NCAA Approved Course

This course includes a study of polynomials, logarithms, rational functions, trigonometric functions and their graphs. Functions and Statistics is designed to give the student a wider scope in content than a traditional Analysis course. This course covers conic sections and an in-depth study of trigonometry. Reading and problem solving are emphasized throughout the course.

COLLEGE ALGEBRA – MACAF/W

(YEAR, GRADE 12)

NCAA Approved Course

PREREQUISITE: SENIORS ONLY - ADVANCED ALGEBRA 2 OR FST – This course is intended for seniors planning to attend college but not intending to study in a math-related field. This course is not recommended for college-bound students expecting to major or minor in a subject that would require the student to take calculus. College Algebra covers the mathematics topics needed to meet minimum graduation requirements for graduation at many colleges. This course will focus on strengthening the students' understanding of algebra and trigonometry. There will be an emphasis on problem solving and applications. For best success students should possess a TI-83 or TI-84 calculator. The TI-85 and TI-86 are not recommended. The TI-89 and TI-92 are not allowed.

ADVANCED PLACEMENT PRE-CALCULUS (A.P.) – MAPPCF/W

(YEAR, GRADES 10-12)

NCAA Approved Course

PREREQUISITE: TEACHER RECOMMENDATION - Throughout this course, students develop and hone symbolic manipulation skills, including solving equations and manipulating expressions, for the many function types throughout the course. Students also learn that functions and their compositions, inverses, and transformations are understood through graphical, numerical, analytical, and verbal representations, which reveal different attributes of the functions and are useful for solving problems in mathematical and applied contexts. For best success students should possess a TI-83 or TI-84 calculator. The TI-85 and TI-86 are not

recommended. The TI-89 and TI-92 are not allowed.

ADVANCED PLACEMENT CALCULUS (A.P.) – MPCAPF/W

(YEAR, GRADES 11-12)

WEIGHTED COURSE

NCAA Approved Course

PREREQUISITE: TEACHER RECOMMENDATION – This course is for the very dedicated math student. It includes a study of limits, derivatives and their applications, and integrals and their applications. Students will have the opportunity to take the Advanced Placement examination for college credit. For best success, students should possess a TI-83 or TI-84 calculator. The TI-85 and TI-86 are not recommended. The TI-89 and TI-92 are not allowed.

ADVANCED PLACEMENT STATISTICS (A.P.) – MAAPSTATF/W

(YEAR, GRADES 11-12)

WEIGHTED COURSE

NCAA Approved Course

PREREQUISITE: ADVANCED ALGEBRA 2 OR FST - The AP Statistics course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes evident in the content, skills, and assessment in the AP Statistics course: exploring data, sampling and experimentation, probability and simulation, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding. For best success, students should possess a TI-83 or TI-84 calculator. The TI-85 and TI-86 are not recommended. The TI-89 and TI-92 are not allowed.

MUSIC DEPARTMENT

COURSE #	TITLE	CREDIT	SEM=S OR YEAR=Y	GRADE LEVEL	MEETS MMC REQS	PREREQUISITE
MU110	Beginning Guitar	.5	S	9,10,11,12	.5 VPA	
MU140	Music Production & Engineering	.5	S	10,11,12	.5 VPA	
MUS	Stagecraft	.5	S	9,10,11,12	.5 VPA	
MUCBF/W	Concert Band	1	Y	9	.5 VPA	
MUJF/W	Jazz Band	1	Y	9,10,11,12	.5 VPA	Director's Approval and Audition
MUJLF/W	Jazz Lab	1	Y	9,10,11,12	.5 VPA	
MUSBF/W	Symphonic Band	1	Y	10,11,12	.5 VPA	Director's Approval-Limited Instrumentation
MUWEF/W	Wind Ensemble	1	Y	9,10,11,12	.5 VPA	Director's Approval and Audition
MU1F/W	Chorale	1	Y	9,10,11,12	.5 VPA	
MU40F/W	Tenor/Bass Choir	1	y	9,10,11,12	.5 VPA	
MU35F/W	Bella Voce	1	Y	9,10,11,12	.5 VPA	Director's Approval and Audition
MU4F/W	Varsity Voices	1	Y	9,10,11,12	.5 VPA	Director's Approval and Audition
MUSPF/W	Percussion Exclusive	1	Y	9,10,11,12	.5 VPA	

INSTRUMENTAL MUSIC

CONCERT BAND – MUCBF/W

(YEAR, GRADE 9)

FULFILLS .5 VPA CREDIT PER SEMESTER

Members will participate in marching band the first 9 weeks. Membership also includes outside performances. This band will perform music with the Michigan State Band and Orchestra Association (M.S.B.O.A.) Class B, C and D level. Basic music theory, scales, tone production, balance and blend will also be taught.

PERCUSSION EXCLUSIVE - MUSPF/W

(YEAR, GRADES 9-12)

FULFILLS .5 VPA CREDIT PER SEMESTER

Members are ALL the high school percussion students and will participate in marching band the first 9 weeks. Membership also includes outside performances with corresponding band classes, but will rehearse in this class with percussion only. This allows percussion students to develop the skills beyond just the concert band music and learn skills unique to percussion without having the other wind instruments to share instructional time. This allows for a more significant increase in achievement and knowledge in percussion. Students will join the winds at concerts and a few school time rehearsals prior to performances.

JAZZ BAND – MUJF/W

(YEAR, GRADES 9-12)

FULFILLS .5 VPA CREDIT PER SEMESTER

PREREQUISITE: DIRECTOR'S APPROVAL AND AUDITION – A study of jazz music from its beginning roots through the present time. The course will consist of studying, listening, writing and performing jazz music at an advanced to collegiate level. This ensemble is very active outside of school and often travels throughout the State and Country.

JAZZ LAB – MUJLF/W

(YEAR, GRADES 9-12)

FULFILLS .5 VPA CREDIT PER SEMESTER

This ensemble is open to all N.H.S. students regardless of previous experience, prior knowledge, and there are no auditions for this class. This performance ensemble will study many musical concepts through the context of the literature performed. Much emphasis is placed on swing fundamentals, music reading skills, and performance skills. To stay true to the tradition of this music and availability of literature, students will be asked to play instruments within traditional big band instrumentation. This is an excellent place for many to try a secondary instrument. The school has some instruments for students to use, but the student is to provide appropriate instruments for this ensemble. See Mr. Wells for options. Performance, self-discipline and control are an integral component of this class. *Students with extenuating circumstances may join at semester with teacher approval.

SYMPHONIC BAND – MUSBF/W

(YEAR, GRADES 10-12)

FULFILLS .5 VPA CREDIT PER SEMESTER

Members will participate in marching band the first 9 weeks. Membership also includes outside performances. Members will perform the finest of literature (M.S.B.O.A. Class AA and B music) available for a high school group.

WIND ENSEMBLE – MUWEF/W

(YEAR, GRADES 9-12)

FULFILLS .5 VPA CREDIT PER SEMESTER

PREREQUISITE: DIRECTOR'S APPROVAL AND AUDITION – Limited instrumentation – Members will participate in marching band the first nine weeks. Membership also includes outside performances. This is a select group which will perform the finest of literature (M.S.B.O.A., class AA & A music) available for a high school group.

VOCAL MUSIC

CHORALE– MU1F/W

(YEAR, GRADE 9-12)

FULFILLS .5 VPA CREDIT PER SEMESTER

Chorale is available to all Soprano/Alto (high voices) singers regardless of previous vocal experience and prior knowledge. Singing fundamentals, music reading, rehearsal and performance skills will be taught and emphasized through level-appropriate music. Chorale will prepare and perform at each of the major concerts throughout the year. Extra-curricular attendance is a requirement of this course. *Students with extenuating circumstances may join at semester with teacher approval. **PENDING SCHOOL BOARD APPROVAL.**

TENOR/BASS CHOIR– MU40F/W

(YEAR, GRADE 9-12)

FULFILLS .5 VPA CREDIT PER SEMESTER

This course is open to all N.H.S. tenors or basses (lower voices) regardless of previous experience and prior knowledge. This performance ensemble will study many musical concepts through the brotherhood of music. Much emphasis is placed on singing fundamentals, music reading skills, vocal development and performance skills. The choir will prepare and perform at each of the major concerts throughout the year. Extra-curricular attendance is a requirement of this course. Performance, self-discipline, and professionalism are an integral component of this class. *Students with extenuating circumstances may join at semester with teacher approval.

VARSAITY VOICES – MU4F/W

(YEAR, GRADES 9-12)

FULFILLS .5 VPA CREDIT PER SEMESTER

PREREQUISITE: DIRECTOR'S APPROVAL AND AUDITION - Varsity Voices is a select performance ensemble designed for the more experienced and vocally mature singer. Students are expected to enter the class already familiar with many musical concepts. More difficult literature and fast paced rehearsals reflect the growth and abilities of the ensemble and director. Many styles and periods of music are studied in order to allow the singer new musical experiences resulting in creativity and expression, and teaching teamwork and discipline. Performance is an integral component of these ensembles. Varsity Voices are continuously asked to sing at community and school functions outside of the school day in addition to the concert schedule. Inclusion and success in both ensembles demand OUTSTANDING school and concert attendance, as well as the organizational skills needed for successful planning.

BELLA VOCE – MU35F/W

(YEAR, GRADES 9-12)

FULFILLS .5 VPA CREDIT PER SEMESTER

PREREQUISITE: DIRECTOR'S APPROVAL AND AUDITION – Bella Voce is a select performance ensemble designed for the more experienced and vocally mature singer. Students are expected to enter the class already familiar with many musical concepts. More difficult literature and fast paced rehearsals reflect the growth and abilities of the ensemble and director. Many styles and periods of music are studied in order to allow the singer new musical experiences resulting in creativity and expression, and teaching teamwork and discipline. Performance is an integral component of these ensembles. Varsity Voices are continuously asked to sing at community and school functions outside of the school day in addition to the concert schedule. Inclusion and success in both ensembles demand OUTSTANDING school and concert attendance, as well as the organizational skills needed for successful planning.

MUSIC ELECTIVES

BEGINNING GUITAR – MU110

(SEMESTER, GRADES 9-12)

FULFILLS .5 VPA CREDIT

Beginning guitar class is a setting for those with very little or no experience playing guitar to learn the correct foundational techniques playing guitar, reading notation, tab, chord charts, and history. Vocal ability/quality is not graded. This class will give you the skills and abilities to continue to learn and grow on your own after this class is finished.

MUSIC PRODUCTION & ENGINEERING:– MU140

(SEMESTER, GRADES 10-12)

FULFILLS .5 VPA

This Recording and Production course provides students with an opportunity to learn and apply skills in music recording techniques, music editing, mixing, and creating finished musical recordings for distribution as sound files in order to enhance, convey, and capture the expressive intent of music.

STAGECRAFT: SEMESTER 2 – MUS

(SEMESTER, GRADES 9-12)

FULFILLS .5 VPA

Stagecraft will introduce to students, both novice and experienced, a practical approach to the technical and production aspects of music performance and theater. Students will learn the skills needed to construct scenery, hang and focus lighting instruments, implement a sound system for effects and reinforcement, and scenic artistry, all in a variety of techniques. These are the skills that performers look for when choosing their tech teams for worldwide tours, local gigs, and massive music festivals! In conjunction with the Music and Drama Departments, students will have the option to take an active role in each of the major second semester productions at NHS. Additionally, students will be introduced to theatrical design, and will be given an opportunity to draft their own designs for scenery and/or lighting of a theatrical production.

PHYSICAL EDUCATION DEPARTMENT

COURSE	TITLE	CREDIT	SEM=S OR YEAR=Y	GRADE LEVEL	MEETS MMC REQS	PREREQUISITE
PE3	Introduction to Personal Fitness	.5	S	9,10	PE	
PE33	Advanced Personal Fitness	.5	S	10,11,12	PE	Any PE Course
EL88F9/W9	Introduction Educational Leadership	.5	S	9	PE	
EL88F/W	Advanced Educational Leadership	.5	S	10,11,12	PE	Any prior PE course and successful completion of at least 1 high school athletic season at Northview or a previously attended high school.
LSH	Heath	.5	S	9,10	Health	
PEHE90F/W	KCTC Health Foundations	2.0	Y	11, 12	See Counselor	History of excellent attendance.

INTRODUCTION TO PERSONAL FITNESS – PE3

(SEMESTER, GRADE 9-10)

FULFILLS THE REQUIRED .5 PHYSICAL EDUCATION CREDIT - During the semester students will learn how to improve their overall level of fitness. Students will learn to recognize, evaluate, and develop the components of fitness. They include flexibility, cardiovascular endurance, muscle strength and muscle endurance. Students will also study principles of training, nutritional fitness, the muscular and skeletal systems, and will develop their own personal fitness plan and goals. Students will utilize the fitness center strength and conditioning equipment, as well as the pool depending on availability.

ADVANCED PERSONAL FITNESS – PE33

(SEMESTER, GRADES 10-12)

PREREQUISITE: ANY PE COURSE

This course is designed to develop cardiovascular endurance, strength training, and competitive tournament sports play. Strength training workouts and core/cardiovascular will be conducted twice weekly. Students will utilize the fitness center strength and conditioning equipment.

INTRODUCTION TO EDUCATIONAL LEADERSHIP – EL88F9/W9

(SEMESTER, GRADES 9)

FULFILLS .5 PHYSICAL EDUCATION CREDIT

PREREQUISITE: INCOMING FRESHMAN ATHLETES

The class will introduce students to basic leadership skills, and engage in proper training techniques, along with advanced strength training workouts and sports specific skills training in order to enhance their athletic development. This class is designed for the serious athlete who wants to be a leader on the field and throughout the Northview community.

ADVANCED EDUCATIONAL LEADERSHIP – EL88F/W

(SEMESTER, GRADES 10-12)

FULFILLS .5 PHYSICAL EDUCATION CREDIT

PREREQUISITE: ANY PRIOR PE COURSE AND SUCCESSFUL COMPLETION OF AT LEAST 1 HIGH SCHOOL ATHLETIC SEASON AT NORTHVIEW OR A PREVIOUSLY ATTENDED HIGH SCHOOL

This course is designed for serious athletes. Students will advance their athletic development in the fitness center. The course will include full body strength training at an intensity level that will provide each student with the highest level of physical development. Each athlete will be pre-tested in various areas, and the progress will be monitored closely. The course will address the mental development of the serious athlete. Character and leadership development will be taught using the classroom. Aquatic training will also be utilized when available.

HEALTH – LSH

(SEMESTER, GRADES 9-10)

REQUIRED FOR GRADUATION - In this skills based course, the students will learn how to apply knowledge of nutrition, communicable diseases, hygiene, mental health, reproductive health, and internet safety to meet their individual needs for a healthy lifestyle. Course content is based on current research, issues and topics regarding tobacco, drugs, alcohol, media and peer pressure. The course supports the district's wellness policy and meets the State of Michigan Health standards.

HEALTH CAREER FOUNDATIONS @ NORTHVIEW - PEHE90F/W

(SEMESTER, GRADES 11-12)

FULFILLS A VARIETY OF MMC REQUIRED CREDITS. SEE COUNSELOR

PREREQUISITE: EXCELLENT ATTENDANCE

This program is for students interested in learning about what it takes to work in the healthcare field. This one year program is designed for students to learn about all different types of health careers and how they are organized into 5 pathways. Students will be engaged in a combination of classroom instruction, hands-on activities, patient skill experiences, speakers and possible work-based learning experiences. During lab time, students will have the opportunity to be both "patient" and "health care worker". Students will work individually, as well as in groups promoting teamwork and problem solving skills. Innovative activities and demonstrations help students apply the information learned in class, enabling them to be effective communicators, critical thinkers and life-long learners. The learning environment reflects a workplace environment that students might encounter during a career as a healthcare professional. There may be potential for students to **earn a credential in Physical Therapy Aide or Nurse Training and optional direct college credit (3) is offered through the GVSU program**. Students will register with Northview to join the class.

SCIENCE DEPARTMENT

COURSE #	TITLE	CREDIT	SEM=S OR YEAR=Y	GRADE LEVEL	MEETS MMC REQS	PREREQUISITE
SCB100F/W	Pre-A.P. Biology	1	Y	9	Biology	
SCPAPCF/W	Pre-A.P. Chemistry	1	Y	10	Geometry	Pre-A.P. Biology
SCPF/W	Physics	1	Y	11,12	3rd yr. Science	Geometry
SCPAF/W	Accelerated Physics	1	Y	11,12	3rd yr. Science	Geometry and Algebra 2 (concurrently)
SCCRF/W	Criminalistics	1	Y	10,11,12		Biology
SCAF/W	Anatomy & Physiology	1	Y	10,11,12		Biology with a "C" or Higher
SCEZ	Ecology/ Zoology	.5	S	10,11,12		Biology
SCAPBF/W	A.P. Biology	1	Y	11,12		Biology and Chemistry
SCAPCF/W	A.P. Chemistry	1	Y	11,12		Pre-A.P. Chemistry and Alg. 2 or Higher
SCESAPF/W	A.P. Environmental Science	1	Y	11,12		Pre-A.P. Biology and Pre-A.P. Chemistry
SCAPPHYCF/W	A.P. Physics C (Mechanics)	1	Y	11,12		Physics and A.P. Calculus concurrently)

PRE-ADVANCED PLACEMENT BIOLOGY – SCB100F/W

(YEAR, GRADES 9)

NCAA Approved Course

Pre-AP Biology will spark student motivation and critical thinking about our living world as they engage in real-world data analysis and problem-solving. The Pre-AP Biology course emphasizes the integration of content with science practices—powerful reasoning tools that support students in analyzing the natural world around them. Having this ability is one of the hallmarks of scientific literacy and is critical for numerous college and career endeavors in science and the social sciences. Emphasis on analytical reading and writing: Students engage in analytical reading and writing to gain, retain, and apply scientific knowledge and to carry out scientific argumentation. Strategic use of Mathematics: Students use mathematics strategically in order to understand and express the quantitative aspects of biology, to record and interpret experimental data, and to solve problems as they arise. =Attention to modeling: Students go beyond labeling diagrams to creating, revising, and using models to explain key patterns, interactions, and relationships in biological systems. **PLEASE NOTE:** This course is NOT an accelerated or honors course. **EARN ONE ARTICULATION COLLEGE CREDIT AT DAVENPORT UNIVERSITY WITH A PROFICIENCY OF A "B" OR HIGHER.**

PRE-ADVANCED PLACEMENT CHEMISTRY – SCPAPCF/W

(YEAR, GRADES 10)

NCAA Approved Course

PREREQUISITE: PRE-ADVANCED PLACEMENT BIOLOGY

Pre-AP Chemistry focuses on students developing a deep conceptual understanding of matter and energy at the molecular level by asking students to explain their macroscopic observations using particulate-level reasoning. The Pre-AP Chemistry course emphasizes the integration of content with science practices—powerful reasoning tools that support students in analyzing the natural world around them. Having this ability is one of the hallmarks of scientific literacy and is critical for numerous college and career endeavors in science and the social sciences. Attention to modeling: Students develop and refine models to connect macroscopic observations to structure, motion, and interactions occurring at the atomic scale. Strategic use of mathematics: Students integrate mathematics with conceptual understanding to model chemical phenomena. Emphasis on analytical reading and writing: Students engage in analytical reading and writing to gain, retain, and apply scientific knowledge and to carry out scientific argumentation. **PLEASE NOTE:** This course is NOT an accelerated or honors course. ***EARN ONE ARTICULATION COLLEGE CREDIT AT DAVENPORT UNIVERSITY WITH A PROFICIENCY OF A “B” OR HIGHER.***

CRIMINALISTICS – SCCR/W

(YEAR, GRADES 10-12)

NCAA Approved Course

PREREQUISITE: BIOLOGY - Criminalistics is a year-long course which will introduce students to the application of science to law. The major topic of study include: The crime scene, and physical evidence; physical properties of evidence; the microscope and hairs, fibers, and paint; fingerprints and firearms, tool marks, and other impressions; serology and DNA; and document and voice examination. In order to merge theory with practice, a hands-on approach will be taken in presentation of all course materials. In addition, students are expected to participate in all laboratories, and attend all classroom field trips.

ANATOMY AND PHYSIOLOGY – SCAF/W

(YEAR, GRADES 10-12)

NCAA Approved Course

PREREQUISITE: BIOLOGY WITH A “C” OR HIGHER-Anatomy is a course that takes an in-depth look at the structure and function of the human body. The class explores the building blocks of all mammals which include specialized cells, tissues and the organ systems they comprise. Systems will be studied individually as well as how their independence drives the body towards a state of balance. The course content will be taught through lecture, sheep organ dissections, lab activities, research projects and disorder presentations. This course is designed to spur your curiosity and build an appreciation for the intricacies of life as we strive towards a greater understanding of the human body. ***EARN ONE ARTICULATION COLLEGE CREDIT AT DAVENPORT UNIVERSITY WITH A PROFICIENCY OF A “B” OR HIGHER.***

PHYSICS – SCPF/W

(YEAR, GRADES 11-12)

NCAA Approved Course

FULFILLS .5 (PER SEMESTER) 4TH MATH ELECTIVE CREDIT

PREREQUISITE: GEOMETRY - In this class we will investigate questions such as “How can I measure the speed of an object and use that to predict its motion?” “How can I design a vehicle to be safer during a collision?” “How is energy transferred during a roller coaster ride?” “How do mag-lev trains work without touching the track?” “How can I make the most efficient electric motor?” There will be a heavy emphasis on inquiry based hands-on lab activities. Throughout the course of the year we will be working on refining our critical thinking and analytical reasoning skills. Topics covered include but are not limited to: motion, force, energy, momentum, electricity, and magnetism. ***EARN ONE ARTICULATION COLLEGE CREDIT AT DAVENPORT UNIVERSITY WITH A PROFICIENCY OF A “B” OR HIGHER.***

ACCELERATED PHYSICS – SCPAF/W

(YEAR, GRADES 11-12)

NCAA Approved Course

FULFILLS .5 (PER SEMESTER) 4TH MATH ELECTIVE CREDIT

PREREQUISITE: GEOMETRY AND ALGEBRA II – MAY BE TAKEN CONCURRENTLY WITH ALGEBRA

II–Accelerated Physics is a class that is designed to prepare students to take AP Physics in their senior year. A strong foundation in mathematics is required for this class. Students should take Algebra II concurrently or before taking this class. This course will be paced at an accelerated rate and be more in-depth than other Physics classes. In Accelerated Physics we will investigate questions such as “How can I measure the speed of an object and use that to predict its motion?” “How can I design a vehicle to be safer during a collision?” “How is energy transferred during a roller coaster ride?” “How do mag-lev trains work without touching the track?” “How can I make the most efficient electric motor?” There will be a heavy emphasis on inquiry based hands-on lab activities.

Throughout the course of the year we will be working on refining our critical thinking and analytical reasoning skills. Topics covered include but are not limited to: motion, force, energy, momentum, electricity, and magnetism. **EARN ONE ARTICULATION COLLEGE CREDIT AT DAVENPORT UNIVERSITY WITH A PROFICIENCY OF A “B” OR HIGHER.**

ECOLOGY/ZOOLOGY – SCEZ

(SEMESTER, GRADE 10-12)

NCAA Approved Course

PREREQUISITE: BIOLOGY – Ecology and Zoology is a combined semester course. Ecologists study the relationships between living organisms, including humans, and their physical environment. They seek to understand the vital connections between plants and animals and the world around them. Ecology provides information about the benefits of ecosystems and how we can use Earth’s resources in ways that leave the environment healthy for future generations. In this course you will engage in a project-based learning opportunity to explore the ecology of a trail located on Northview property. Zoologists today recognize 34 phyla of animals, each with a distinctive body plan. In this course, you will explore the following phyla: Porifera, Cnidarians, Arthropods, Nematodes, Platyhelminthes, Annelids, Mollusks, Echinoderms, and Chordates. This may include microscope work and the dissections of a crayfish, earthworm, sea lamprey, shark, perch, snake, turtle, pigeon, fetal pig, or rat. In addition to studying body plans and systems, you will study animal behavior.

ADVANCED PLACEMENT (A.P.) BIOLOGY – SCAPBF/W

(YEAR, GRADE 11-12)

WEIGHTED COURSE

NCAA Approved Course

PREREQUISITE: BIOLOGY AND CHEMISTRY - This course is designed to enable students to develop advanced inquiry and reasoning skills, such as designing a plan for collecting data, analyzing data, applying mathematical routines, and connecting concepts in and across domains. The result will be readiness for the study of advanced topics in subsequent college courses—a goal of every A.P. course. The key concepts and related content that define the revised A.P. Biology course and exam are organized around a few underlying principles called the big ideas, which encompass the core scientific principles, theories and processes governing living organisms and biological systems. **Big Idea 1: Evolution**—The process of evolution drives the diversity and unity of life. **Big Idea 2: Cellular Processes: Energy and Communication**—Biological systems utilize free energy and molecular building blocks to grow, to reproduce, and to maintain dynamic homeostasis. **Big Idea 3: Genetics and Information Transfer**—Living systems store, retrieve, transmit, and respond to information essential to life processes. **Big Idea 4: Interactions**—Biological systems interact, and these systems and their interactions possess complex properties.

ADVANCED PLACEMENT (A.P.) CHEMISTRY – SCAPCF/W

(YEAR, GRADES 11-12)

WEIGHTED COURSE

NCAA Approved Course

PREREQUISITE: PRE-AP CHEMISTRY AND ALGEBRA II OR HIGHER - MAY BE TAKEN CONCURRENTLY WITH ALGEBRA II -Advanced Placement Chemistry is a first year university level chemistry class that is specifically designed to prepare students to take the Advanced Placement Chemistry Exam in May. Students taking this class must have strong mathematical skills and good study habits. This class will have a strong emphasis on lab work that will require students to strengthen their quantitative reasoning and problem solving skills. At least 25% of this class will be laboratory experience. In this class the following topics are covered in great depth: Properties of Solutions, Chemical Equilibrium, Acid-Base Equilibrium, Chemical Thermodynamics, Electrochemistry, and Organic Chemistry.

ADVANCED PLACEMENT (A.P.) ENVIRONMENTAL SCIENCE – SCESAPF/W

(YEAR, GRADE 11-12)

WEIGHTED COURSE

NCAA Approved Course

PREREQUISITE: BIOLOGY AND CHEMISTRY - This course is designed to enable students to engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. The course is outlined in seven general topics. They include; **earth systems and resources, the living world, populations, land and water use, energy resources and consumption, air and water pollution and global climate change.**

ADVANCED PLACEMENT (A.P.) PHYSICS C (MECHANICS) – SCAPPHYCF/W

(YEAR, GRADE 11- 12)

WEIGHTED COURSE

NCAA Approved Course

PREREQUISITE: PHYSICS AND AP CALCULUS (MAY BE TAKEN CONCURRENTLY). PRE-CALCULUS STUDENTS MUST GET TEACHER APPROVAL-Advanced Placement Physics C (Mechanics) is a first year university level Calculus-Based Physics class that is specifically designed to prepare students to take Advanced Placement Physics C Part I: Mechanics Exam in May. Students taking this class must have strong mathematical skills and good study habits. This class will have a strong emphasis on solving a variety of challenging questions that will require students to strengthen their quantitative reasoning and problem solving skills. The class takes an in-depth look at Newtonian Mechanics. Topics that are covered in the class include: Kinematics, Newton's Laws of Motion, Work, Power, Energy, Momentum, Circular Motion, Oscillations and Gravitation.

SOCIAL STUDIES DEPARTMENT

COURSE #	TITLE	CREDIT	SEM=S OR YEAR=Y	GRADE LEVEL	MEETS MMC REQS	PREREQUISITE
SS42	American Government	.5	S	11,12	Govt.	
SSAPGF	A.P. American Government	.5	S	11, 12	Govt.	Previous Soc. Stud. Success
SS33	Economics	.5	S	11,12	Econ.	
SS51	A.P. Macroeconomics	.5	S	11,12	Econ.	Previous Soc. Stud. Success
SS52	A.P. Microeconomics	.5	S	11,12	Econ.	Previous Soc. Stud. Success
SSUSHF/W	U.S. History	1	Y	10,11,12	U.S. History	
SSAPUF/W	A.P. U.S. History	1	Y	10,11,12	U.S. History	
SSPAPWHF/W	Pre-A.P. World History	1	Y	9, 10	World History	
SSWHAPF/W	A.P. World History	1	Y	9,10,11,12	World History	Previous Soc. Stud. Success
SSAPAASF/W	A.P. African American Studies	1	Y	11, 12		
SS38	Psychology	.5	S	10,11,12		
SSPAPF/W	A.P. Psychology	1	Y	11,12		Previous Soc. Stud. Success
SS43	History of Pop Culture	.5	S	9,10,11,12		

AMERICAN GOVERNMENT – SS42

(SEMESTER, GRADE 11-12)

NCAA Approved Course

This required course is a study of the origins, functions and values of the American Government. Students will analyze American institutions, the problems of governing, the role of government and the meaning of citizenship. The course is participatory and project oriented. Students will be encouraged to be active in public affairs at all levels of government. Opportunities to participate in community and civic improvement and service projects will be provided.

ADVANCED PLACEMENT (A.P.) AMERICAN GOVERNMENT – SSAPGF

(SEMESTER, GRADE 11-12)

WEIGHTED COURSE

NCAA Approved Course

PREREQUISITE: PREVIOUS ACADEMIC SUCCESS IN SOCIAL STUDIES. This course provides an analytical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. political reality.

ECONOMICS – SS33

(SEMESTER, GRADES 11-12)

NCAA Approved Course

This course is designed as an introduction to fundamental economic concepts. Students will participate in simulations as they learn real-world applications of topics such as: economic systems, broad economic and societal goals, economic indicators and trends, global trade issues, personal finance and economic decision making as it relates to businesses and individuals.

ADVANCED PLACEMENT (A.P.) MACROECONOMICS – SS51

(SEMESTER, GRADES 11-12)

WEIGHTED COURSE

NCAA Approved Course

PREREQUISITE: PREVIOUS ACADEMIC SUCCESS IN SOCIAL STUDIES. This course is designed to give you a thorough understanding of the principles of economics that apply to an economic system as a whole. It places particular emphasis on the study of national income and price determination, and also develops familiarity with economic performance measures, economic growth, and international economics. **Meets high school economics requirements.*

ADVANCED PLACEMENT (A.P.) MICROECONOMICS – SS52

(SEMESTER, GRADES 11-12)

WEIGHTED COURSE

NCAA Approved Course

PREREQUISITE: PREVIOUS ACADEMIC SUCCESS IN SOCIAL STUDIES. This course provides a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and of the role of government in promoting efficiency and equity in the economy. **Meets high school economics requirements.*

U.S. HISTORY – SSUSH9F/W (9th grade only) or SSUSHF/W

(YEAR, GRADE 10-12)

NCAA Approved Course

The study of U.S. History highlights the major trends and developments from colonial days to the present. The traditional method is used through the use of chronological narrative history. Some analytical readings are used to understand important trends and ideas in U.S. History.

ADVANCED PLACEMENT (A.P.) U.S. HISTORY – SSAPUF/W

(YEAR, GRADES 10-12)

WEIGHTED COURSE

NCAA Approved Course

A.P.U.S. History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. History. Students will learn to assess historical materials, their relevance to a given interpretive problem, reliability, and importance and to weigh the evidence and interpretations presented in historical scholarship. A.P. U.S. History will develop the skills necessary to arrive at conclusions on the basis of informed judgment and to present reasons and evidence clearly and persuasively in essay format. This course covers material equivalent to an introductory college U.S. History course.

PRE-ADVANCED PLACEMENT WORLD HISTORY – SSPAPWHF/W

(YEAR, GRADES 9-10)

NCAA Approved Course

Pre-AP World History focuses deeply on the concepts and skills that have maximum value for high school, college, careers, and civic life. The course builds students' essential skills and helps to prepare them for a range of AP history and social science coursework during high school, including AP Human Geography and all three AP history courses. The learning model is that of an apprenticeship. Primary and secondary sources take center stage in the classroom, and students use the tools of the historian and geographer to examine questions and build arguments.

ADVANCED PLACEMENT (A.P.) WORLD HISTORY – SSWHAPF/W

(YEAR, GRADES 10-12)

WEIGHTED COURSE

NCAA Approved Course

A.P. World History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in World History. Students will learn to assess historical materials, their relevance to a given interpretive problem, reliability, and importance and to weigh the evidence and interpretations presented in historical scholarship. A.P. World History will develop the skills necessary to arrive at conclusions on the basis of informed judgment and to present reasons and evidence clearly and persuasively in essay format. This course covers material equivalent to an introductory college World History course.

ADVANCED PLACEMENT (A.P.) AFRICAN AMERICAN STUDIES – SSAPAASF/W

(YEAR, GRADES 10-12)

WEIGHTED COURSE

AP African American Studies is an interdisciplinary course that examines the diversity of African American experiences through direct encounters with authentic and varied sources. Students explore key topics that extend from early African kingdoms to the ongoing challenges and achievements of the contemporary moment. Students in the course will develop skills across multiple fields, with an emphasis on developing historical, literary, visual, and data analysis skills. This course foregrounds a study of the diversity of Black communities in the United States within the broader context of Africa and the African diaspora.

PSYCHOLOGY – SS38

(SEMESTER, GRADES 10-12)

NCAA Approved Course

The course is designed to offer students insight into their everyday lives. To assist them in coping with the world around them in their ongoing process to conform to the complexities of the society they live in. To understand themselves physically, mentally, socially, and cognitively in this process.

ADVANCED PLACEMENT (A.P.) PSYCHOLOGY – SSPAPF/W

(YEAR, GRADES 11-12)

WEIGHTED COURSE

NCAA Approved Course

PREREQUISITE: PREVIOUS ACADEMIC SUCCESS IN SOCIAL STUDIES. This learning experience is equivalent to that obtained in most college introductory psychology courses. Introduces the systematic and scientific study of the behavior and mental behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students will also learn about the ethics and methods psychologists use in their science and practice.

HISTORY OF POP CULTURE – SS43

(SEMESTER, GRADES 9-12)

In this course students will critically analyze eras of history and focus on the culture of the times. Students will progress through history in an effort to determine how society reacted to events and how movies, fads, music, and culture impacted daily lives. Students will determine what pop culture is, why people care about it, and how it truly is a reflection of the values of society. The History of Pop Culture will focus on pop culture in America from the 20th century to the present. Students will examine each decade looking at the emerging and evolving trends through the lens of pop culture. Areas of focus will be music, fashion, vehicles, and sports along with radio, movies, television, gaming, consumerism, and telecommunication.

WORLD LANGUAGE DEPARTMENT

COURSE #	TITLE	CREDIT	SEM=S OR YEAR=Y	GRADE LEVEL	MEETS MMC REQS	PREREQUISITE
SLS1F/W	Spanish 1	1	Y	9,10,11,12	World Language	
SLS2F/W	Spanish 2	1	Y	9,10,11,12	World Language	Spanish 1
SLS3F/W	Spanish 3	1	Y	9,10,11,12	World Language	Spanish 2 and/or Teacher Approval
SLS4F/W	Spanish 4	1	Y	9,10,11,12	World Language	Spanish 3 and/or Teacher Approval
SLS5F/W	Spanish 5	1	Y	9,10,11,12	World Language	Spanish 4 and/or Teacher Approval
SLAPSF/W	A.P. Spanish	1	Y	11,12	World Language	Spanish 3 or 4 and Teacher Approval
SLA1F/W	American Sign Language 1	1	Y	9,10,11,12	World Language	
SLA2F/W	American Sign Language 2	1	Y	10,11,12	World Language	ASL 1 and Teacher Approval
SLA3F/W	American Sign Language 3	1	Y	11,12	World Language	ASL 1 and 2 and Teacher Approval

SPANISH 1 – SLS1F/W

(YEAR, GRADES 9-12)

NCAA Approved Course

An introduction to listening, speaking, reading and writing in Spanish. It has a conversational approach, based on topical vocabulary relevant to everyday life situations. This course incorporates an understanding of Hispanic culture. Additional resources such as Garbanzo, Duolingo and Canvas are used as supports within the course. **EARN ONE ARTICULATION COLLEGE CREDIT AT DAVENPORT UNIVERSITY WITH A PROFICIENCY OF A “B” OR HIGHER.**

SPANISH 2 – SLS2F/W

(YEAR, GRADES 9-12)

NCAA Approved Course

PREREQUISITE: SPANISH 1 – A continuation of Spanish 1 including extensive review and the development of more specialized vocabulary and grammatical usage. A continuation of paired and small group activities with increased emphasis on verbal and written communication. Listening activities are increasingly used. Projects and games are used to reinforce materials. **EARN ONE ARTICULATION COLLEGE CREDIT AT DAVENPORT UNIVERSITY WITH A PROFICIENCY OF A “B” OR HIGHER.**

SPANISH 3 – SLS3F/W

(YEAR, GRADES 9-12)

NCAA Approved Course

PREREQUISITE: SPANISH 2 AND/OR TEACHER’S APPROVAL – A continuation of Spanish 2. Learning the foundational history of the Spanish language and Latin American cultures. Using Spanish language novels, shows, technology and more, advanced themes like current jobs, international immigration, war, modern Spanish politics, worldwide travel, geography and holidays are discussed. A continued development in grammar structures and vocabulary related to course topics. A focus on developing a positive attitude and stronger abilities in conversational speaking. **EARN ONE ARTICULATION COLLEGE CREDIT AT DAVENPORT UNIVERSITY WITH A PROFICIENCY OF A “B” OR HIGHER.**

SPANISH 4 – SLS4F/W

(YEAR, GRADES 9-12)

NCAA Approved Course

PREREQUISITE: SPANISH 3 AND/OR TEACHER’S APPROVAL –A continuation of Spanish 3. Learning about hispanic literature, culture, language and media. A continued review and growth in advanced grammar structures and vocabulary. Additional tools and technology will be utilized to enhance learning and provide students the opportunity to display pre-college and college level proficiency in reading, listening, writing and speaking. **EARN ONE ARTICULATION COLLEGE CREDIT AT DAVENPORT UNIVERSITY WITH A PROFICIENCY OF A “B” OR HIGHER.**

SPANISH 5 - SLS5F/W

(YEAR, GRADES 9-12)

NCAA Approved Course

PREREQUISITE: SPANISH 4 AND/OR TEACHER’S APPROVAL –A continuation of Spanish 4. Learning about Hispanic literature, culture, language and media. A continued review and growth in advanced grammar structures and vocabulary. Additional tools and technology will be utilized to enhance learning and provide students the opportunity to display pre-college and college level proficiency in reading, listening, writing and speaking. **EARN ONE ARTICULATION COLLEGE CREDIT AT DAVENPORT UNIVERSITY WITH A PROFICIENCY OF A “B” OR HIGHER.**

ADVANCED PLACEMENT (A.P.) SPANISH LANGUAGE – SLAPSF/W

(YEAR, GRADE 11-12)

WEIGHTED COURSE

NCAA Approved Course

PREREQUISITE: SPANISH 3 OR 4 AND TEACHER APPROVAL -Advanced Placement Spanish is designed to be the University equivalent of Spanish 101,102,201, and 202. Its goal is to develop communicative competence at the ACTFL Advanced-Low level and focuses on the 4 key components of language including writing, speaking, reading, and listening comprehension. This course will be conducted entirely in Spanish and will use authentic Spanish sources whose primary audience is Spanish speakers.

AMERICAN SIGN LANGUAGE 1 – SLA1F/W

(YEAR, GRADES 9-12)

NCAA Approved Course

A course designed to introduce students to American Sign Language. Students will learn the basics of ASL grammar, vocabulary and Deaf culture. Technology, translating music, and family structures are all incorporated into the curriculum. Lessons are presented in spoken English and multiple interactive videos are used throughout the course.

AMERICAN SIGN LANGUAGE 2 – SLA2F/W

(YEAR, GRADES 10-12)

NCAA Approved Course

PREREQUISITE: ASL 1 AND TEACHER APPROVAL – A course designed to improve and expand on basic ASL skills and Deaf culture obtained in ASL I. Students will enhance their receptive and expressive ASL skills. Idioms, travel vocabulary, and art are all incorporated into the curriculum. Use of signs without voice is encouraged. Lessons are presented in a combination of spoken English and Sign Language.

AMERICAN SIGN LANGUAGE 3 – SLA3F/W

(YEAR, GRADES 11-12)

NCAA Approved Course

PREREQUISITE: ASL 1, ASL 2 AND TEACHER APPROVAL – This course will focus on advanced ASL structure and vocabulary, role-shift variations, formal story-telling, text analysis, and formal/informal presentations as well as more real-world application. A majority of the class will be conducted voice-off, using ASL. A variety of media resources will be utilized to enhance student’s comprehension skills and expose students to a variety of signers.

STUDENT SUPPORT DEPARTMENT

Self-contained courses are available for students in the areas of English and Math. Academic Support classes are available to support students in their core classes. An annual Individual Education Program (IEP) meeting is held to determine appropriate placement.

SPECIFIC PROGRAMS

MICHIGAN MERIT EXAM (MME) STATEMENT

Northview staff encourage students requiring student support services, and their parents, to consider long-term goals. These goals will help determine which type of classes the students should enroll in during their high school education.

Students receiving support services are placed in classes based on need. Classes range from general education classes to highly supported self-contained classes. Self-contained classes are not designed to be college preparation courses. These classes focus on meeting the student's individual needs, which promotes a smooth transition into their post-secondary plans.

The Student Support staff assists students who want to go to college by encouraging them to schedule classes which will best prepare them to be successful.

OFF CAMPUS PROGRAMS

KENT CAREER/TECHNICAL CENTER –

KCTC1/2/3

(YEAR, GRADES 11-12)

PREREQUISITE: EXCELLENT ATTENDANCE (Program visit is strongly recommended and must be arranged with a counselor) – Course designed to give the student entry-level job skills in many trade, technical, medical and business areas.

www.thetechcenter.org or see a counselor for more detailed information and course listings. Sessions meet Monday-Friday and times are as follows:

1 st session	6:55-9:10am
2 nd session	9:15-11:30am
3 rd session	12:00-2:15pm

STUDENT EDUCATORS AND LISTENERS

(SEALS) – SS45/50

(SEMESTER, GRADES 11-12)

PREREQUISITE: TEACHER APPROVAL

****1st semester must be completed prior to SEALS FIELD***

This course is designed for students interested in pursuing careers in the helping professions like health care, teaching or social work. Students will study communication skills, tutoring skills, problem solving strategies, conflict resolution, grief, and stress management. Coursework includes written work, role plays, and class discussion regarding practical listening skills, problem solving and stress management techniques. This course requires students to travel to other Northview school buildings to serve as student aides. The placements will provide SEALS students the opportunity to work with younger students while strengthening their personal relationship skills

LAUNCH U

(YEAR, GRADE 10)

<https://www.kentisd.org/instructional-services/student-programs/launchu/>

Early college program available for students beginning in 10th grade. In collaboration with Grand Rapids Community College, students can earn an Associate Degree. Students will earn both a high school diploma and Associate Degree in their 13th year of school. Upon completion of an early college program, students may directly pursue a career or continue with higher education.

WORK BASED LEARNING (WBL) - WE

(SEMESTER, GRADE 12)

PREREQUISITE: SEE COUNSELOR FOR DETAILS

WBL provides students with the ability to be released from 1 or 2 hours on their school schedule if they are employed by an approved employer and the employment is closely tied to the students career pathway. If a student works between 5 - 9 hours a week, we schedule one hour of WBL. If the student works ten or more hours, the student can schedule for two hours of WBL. Students do not need to work during the school hours that WBL appears on their schedule, however students are released from school at that time and do not have to attend during those hours. The experience is graded by our Work-Based Learning Supervisor.

NORTHVIEW HIGH SCHOOL ATHLETIC TEAMS

FALL	WINTER	SPRING
<p><u>Boys</u> Cross Country Varsity/J.V./Freshman Football Varsity/J.V. Soccer Varsity/J.V. Tennis</p> <p><u>Girls</u> Varsity/J.V. Sideline Cheerleading Cross Country Varsity/J.V. Golf Swimming Varsity/J.V./Freshman Volleyball</p>	<p><u>Boys</u> Varsity/J.V./Freshman Basketball Varsity Bowling Ice Hockey Ski Swimming Varsity/J.V. Wrestling</p> <p><u>Girls</u> Varsity/J.V./Freshman Basketball Varsity Bowling Varsity/J.V. Competitive Cheerleading Ski Varsity Wrestling Gymnastics</p>	<p><u>Boys</u> Varsity/J.V./Freshman Baseball Varsity/J.V. Rowing Varsity/J.V. Golf Varsity/J.V. Lacrosse Track & Field</p> <p><u>Girls</u> Varsity/J.V. Rowing Varsity/J.V. Lacrosse Varsity/J.V. Softball Varsity/J.V. Soccer Varsity/J.V. Tennis Track & Field</p>

NORTHVIEW HIGH SCHOOL CLUBS/ORGANIZATIONS

<u>NAME</u>	<u>ADVISOR</u>	<u>NAME</u>	<u>ADVISOR</u>
Art Club	Ms. Lockwood/Ms. Medina	S.A.D.D.	Mr. Bollone
Band Council	Mr. Wells	<i>(Students Against Destructive Decisions)</i>	
Debate Club	Mr. Thrall	Science Olympiad	Ms. Kashian
Drama Club	Mr. McKay	Student Council	Ms. Haveman
Green Team	Mrs. Berryhill	Volunteer Club	Ms. Snyder
<i>(Environmental/Recycling Club)</i>		W.A.V.E.	Ms. Lockwood/Mr. Phillipson
Esports	Mr. Lago	<i>(Welcoming, Accepting, Valuing, Everyone-Diversity Club)</i>	
From The Top A Cappella	Mr. Phillipson		
Math League	Mr. Barthlow		
National Honor Society	Ms. Miles		
Boys Volleyball			

Northview Public Schools does not discriminate on the basis of race, color, religion, sex, national heritage, age, height, weight, marital status, handicap, disability, or limited English proficiency in any of its programs of activities.

Any questions of complaints concerning nondiscrimination policies, Title II, the Age Discrimination Act, Title VI and IX of the Education Amendments of 1972, which prohibits discrimination on the basis of sex, or inquires related to section 504 of the Rehabilitation Act of 1973, which prohibits discrimination on the basis of handicap, should be directed to:

Superintendent's Office
Northview Public Schools
4365 Hunsberger, NE
Grand Rapids, MI 49525
(616) 363-6861