

Northview Public Schools

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Ms. Lisa Charland

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Attendance

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Our best. Your best.

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CURRICULUM GUIDE

2022 ♦ 2023

Information as of print date – February 2022

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

WE BELIEVE THAT....

- 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 Curriculum Area

4 Credits	Mathematics
4 Credits	English Language Arts
3 Credits	Science
3 Credits	Social Studies
1 Credit	Visual, Performing, and Applied Arts
1 Credit	Physical Education (.5) and Health (.5)
2 Credits	World Language

20 hours of online learning experience

See page 2 for courses
required for graduation

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 he/she has met all graduation requirements.
- Students must participate in all state mandated testing and assessments (example: *MME*).

DEPARTMENT/CREDITS	COURSES
ENGLISH (4 credits)	<p>GRADE 9: For graduating classes thru 2023 ENGLISH 9 or ENGLISH 9-ACCELERATED</p> <p>For graduating classes 2024 and beyond ENGLISH 9 PRE-AP</p> <p>GRADE 10: A.P. SEMINAR HUMANITIES (class of 2023 only)</p> <p>GRADE 11: ENGLISH 11, A.P. ENGLISH-LANG. or A.P. ENGLISH-LITERATURE</p> <p>GRADE 12: ENGLISH 12, A.P. ENGLISH-LANG. or A.P. ENGLISH-LITERATURE</p>
MATHEMATICS (4 credits)	<p>For graduating classes 2025 and beyond PRE-A.P. ALGEBRA and PRE-A.P. GEOMETRY & ALGEBRA 2 courses and a 4th math credit. (possible adjustments to Algebra 2 state requirements)</p> <p>For graduating classes thru 2024 1.0 credit in ALGEBRA I, GEOMETRY & ALGEBRA 2 courses and a 4th math credit. (possible adjustments to Algebra 2 state requirements)</p> <p>-A 4th math credit can be earned from either a math department offering or a verified math elective.</p> <p>-Student must have a math course in their final year of high school.</p>
SCIENCE (3 credits)	<p>For graduating classes 2025 and beyond PRE-A.P. BIOLOGY, PRE-A.P. CHEMISTRY and PHYSICS</p> <p>For graduating classes 2023 and beyond 3 total science credits consisting of: BIOLOGY <u>and</u> CHEMISTRY <u>and</u> PHYSICS</p>
SOCIAL STUDIES (3 credits)	<p>-U.S. HISTORY <u>or</u> A.P. U.S. HISTORY</p> <p>-WORLD HISTORY <u>or</u> A.P. WORLD HISTORY</p> <p>-ECONOMICS <u>or</u> A.P. MICROECONOMICS <u>or</u> A.P. MACROECONOMICS</p> <p>-GOVERNMENT <u>or</u> A.P. GOVERNMENT</p>
WORLD LANGUAGE (2 credits)	Refer to pages 20-21 for course options
VISUAL, PERFORMING AND APPLIED ARTS (VPA) (1 credit)	Refer to pages 7-11
PHYSICAL EDUCATION (.5 credits)	INTRODUCTION TO SPORTS or INTRODUCTION TO PERSONAL FITNESS or INTRODUCTION TO EDUCATIONAL LEADERSHIP (<i>Designed for high school athletes</i>)
HEALTH (.5 credits)	HEALTH
COMPUTERS (.5 credits)	Refer to pages 9-11
ELECTIVES (3.5 credits)	Any high school course offerings above and beyond requirements
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 curriculum delivered through the Mavin platform.

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. Through the use of 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 generally do not have the option to arbitrarily change their class choices once the semester has started.

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.

ONLINE COURSE OPTIONS

Approved online courses for Northview Students include: courses in the Michigan Online Course Catalog.

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.

7. Academic departments and/or subject area course teams will determine the following and define in their course syllabus:

-How the unit exams will figure into the final grade for the unit-based courses.

-The **credit protection process** to help students achieve mastery while taking the course → this includes what assessments (quizzes, tests, or unit exams) that can be re-taken, the time frame for which retakes must be completed, and the corresponding grade after the re-take. The instructor will determine what review process a student must undertake to earn the right to retake an assessment.

-The late work policy for the course.

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.

NORTHVIEW HIGH SCHOOL CREDIT RECOVERY

Credit recovery refers to situations in which students have not earned credit for a course that has been completed. This part of the process will be handled by the Counseling office. The following are options counselors will provide for their students:

-Repeat the class within the student's future schedule: this is The recommended option for students as long as the student's credit total still allows for a timely graduation and aligns with the student's 4-year plan for their E.D.P. (Educational Development Plan).

-Online Outside the School Day Independently: A passing grade must be earned on both the final exam and the overall course in order for credit to be applied to the student's transcript. The letter grade earned for the course will be recorded on the transcript. The *Graduation Alliance* platform will be used.

-Schedule: online credit recovery class during regular 6th hour day.

-Northview Summer School: Please contact the high school Counseling Department in May for information

TEST OUT POLICY

Testing Out gives highly motivated and academically talented students an opportunity to accelerate through 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

NORTHVIEW HIGH SCHOOL TESTING PROGRAM

9th Grade

- PSAT 8/9

10th Grade

- PSAT 10

11th Grade

- PSAT/NMSQT (optional)
- MME (Michigan Merit Exam)
- SAT

12th Grade

- SAT/ACT (optional)

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 NATIONAL TEST DATES

NHS CEEB code: 231-733

Visit

<https://collegereadiness.collegeboard.org/sat/register/dates-deadlines>

for test dates and additional information

ACT NATIONAL TEST

NHS CEEB code: 231-733

Visit

<https://actstudent.org/>

for test dates and additional information

ADVANCED PLACEMENT (A.P.)

Advanced Placement is a program governed by College Board offering college-level curriculum within high school. NHS offers 16 courses that have the approval of College Board and 2 additional courses pending approval.

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.

In May, national A.P. exams are taken by students who choose to test. This exam experience is above and beyond the scope of the classroom. 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. Each college/university has their own A.P. score policy. A.P. test payments are made through the Northview High School *Total Registration* account. All A.P. test ordering must be done through the student's *My A.P. Account*.

DUAL ENROLLMENT

Qualifications for Dual Enrollment

-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 enrolled 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).

Please note the following:

-All grades earned in dual enrollment courses become part of one's permanent transcript from that college and when taken for high school credit it will be part of the transcript and figured into their GPA.

-Transportation fees, parking costs, and activity fees are the responsibility of the student/parent.

-Tuition, applicable fees, and textbooks paid by Northview does not exceed either:

-Full tuition, fees, and textbook for the course(s) OR

-Per pupil foundation allowance as determined by the State (\$684.50 for 2021-22 per course).

-The student is responsible for any additional amount above the allowance.

-Student/parent is responsible to reimburse the district for tuition and fees paid by Northview if the course is failed or not completed in accordance with the college's withdrawal policy (a course can be dropped before the semester begins). Failure to reimburse will jeopardize the ability to participate in graduation ceremonies.

-Interested students need to contact their counselor for more

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.

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 that 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 eligibilitycenter.org. The following websites provide all the essential information for interested students. Right click on the hyperlinks below for information. NOTE: Visit the NCAA Eligibility website for COVID-19 updates at http://fs.ncaa.org/Docs/eligibility_center/COVID19_Fall2022_Public.pdf

NCAA ELIGIBILITY CENTER GUIDE FOR THE COLLEGE BOUND STUDENT ATHLETE-
http://fs.ncaa.org/Docs/eligibility_center/Student_Resources/CBSA.pdf
[Guide for the College Bound Student Athlete](#)

NCAA ELIGIBILITY CENTER ACADEMIC REQUIREMENTS-
http://fs.ncaa.org/Docs/eligibility_center/Student_Resources/CBSA.pdf
[Academic Requirements](#)

NCAA DIVISIONS 1, II, III-
<http://www.ncaa.org/about/resources/media-center/ncaa-101/our-three-divisions>
[Three Divisions](#)

DIVISION I

Full Qualifier Requirements

- Complete 16 core courses
- 10 of the 16 core courses must be completed before the 7th semester (senior year) of high school
- 7 of the 10 core courses must be in English, math or natural/physical science
- Earn a core-course GPA of at least 2.300
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale
- Graduate high school

*College-bound student athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division I school.

DIVISION I

Academic Redshirt Requirements

- Complete 16 core courses
- Earn a core-course GPA of at least 2.000
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale
- Graduate high school

*College-bound student-athletes may receive athletics scholarships during their first year of enrollment and may practice during their first regular academic term, but may NOT complete during their first year of enrollment.

DIVISION II

Full Qualifier Requirements

- Complete 16 core courses
- Earn a course-course GPA of at least 2.200
- Earn the ACT/SAT score matching your core-course GPA on the Division II full qualifier sliding scale
- Graduate high school

*College-bound student athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division II school.

DIVISION II

Partial Qualifier Requirements

- Complete 16 core courses
- Earn a course-course GPA of at least 2.000
- Earn the ACT/SAT score matching your core-course GPA on the Division II partial qualifier sliding scale
- Graduate high school

*College-bound student athletes may receive athletics scholarships during their first year of enrollment and may practice during their regular academic term, but may NOT compete during their first year of enrollment.

LIST OF APPROVED NCAA CORE COURSES (FORM 48H)

ENGLISH

Course Title
 College Writing
 Communications
 Creative Writing
 Pre A.P. English 9
 English 10
 English 10-Accelerated
 English 11
 English 12
 A.P. English-Language
 A.P. English-Literature
 A.P. Seminar
 A.P. Research
 Humanities
 Journalism 1
 Mythology
 Rhetoric/Debate
 World Literature

SOCIAL STUDIES

Course Title
 American Government
 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
 A.P. World History

MATHEMATICS

Course Title
 Pre-A.P. Algebra 1
 Algebra 1
 Advanced Algebra 1
 Algebra 2
 Algebra 2-2 yr. (1 unit max.)
 Advanced Algebra 2
 Basic Algebra (.5 unit max.)
 Functions/Statistics/Trig.
 Pre-A.P. Geometry with Statistics
 Geometry
 Advanced Pre-Calculus

A.P. Calculus
 College Algebra
 Statistics
 A.P. Computer Science & Coding

NATURAL/PHYSICAL SCIENCE

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
 A.P. Research

ADDITIONAL CORE COURSES

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](http://play.mynaia.org/) to have their eligibility determined.

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 DEPARTMENT

COURSE #	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, .5 Computer, or .5 4 th Math Elective	
TE51	CAD with Architecture	.5	S	9,10,11,12	.5 VPA, .5 Computer, or .5 4 th Math Elective	Introduction to CAD, Introduction to Drafting, Introduction to Technology & Manufacturing or Counselor/Teacher Approval
TE52	Gearing with CAD	.5	S	9,10,11,12	.5 VPA, .5 Computer, or .5 4 th Math Elective	Introduction to CAD, Introduction to Drafting, Introduction to Technology & Manufacturing or Counselor/Teacher Approval
TE53	Networking	.5	S	9,10,11,12	.5 VPA, .5 Computer, or .5 4 th Math Elective	
TE55	Exploration and Opportunities in Technology	.5	S	9,10,11,12	.5 VPA, .5 Computer, or .5 4 th Math Elective	
CU80	Introduction to Cyber Security	.5	S	9,10,11,12	.5 VPA or .5 Computer	
CU81	Introduction to Robotics	.5	S	9,10,11,12	.5 VPA, .5 Computer, or .5 4 th Math Elective	
TE91	STEAM Challenge A	.5	S	9,10,11,12	.5 VPA, .5 Computer, or .5 4 th Math Elective	
TE92	STEAM Challenge B	.5	S	9,10,11,12	.5 VPA, .5 Computer, or .5 4 th Math Elective	

INTRODUCTION TO CAD – TE50

(SEMESTER, GRADES 9-12)

FULFILLS .5 VPA SEMESTER CREDIT OR .5 COMPUTER 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 specificity.

CAD WITH ARCHITECTURE – TE51

(EACH CLASS IS A SEMESTER, GRADES 9-12)

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

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

This project-based class will help students realize the power of proper design. Students will discover different configuration options within CAD to fully design a model home using mathematics and computer science. *Northview High School is pursuing articulation credit for college courses at Grand Rapids Community College.*

GEARING WITH CAD – TE52

(SEMESTER, GRADES 9-12)

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

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 COMPUTER CREDIT

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 COMPUTER 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 COMPUTER CREDIT OR .5 4TH MATH ELECTIVE

In this hands-on design challenge course, students will use mathematics and science to 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 COMPUTER CREDIT OR .5 4TH MATH ELECTIVE

In this hands-on design challenge course, students will use mathematics and science to make sense of problems and work through them by creating prototypes of things like boats, paper airplanes and obstacle courses for flying machines. 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.

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	VPA	
AR20	Arts & Crafts	.5	S	9,10,11,12	VPA	
AR25	Creative Problem Solving	.5	S	9,10,11,12	.5 VPA OR .5 Technology	
AR50	Drawing	.5	S	9,10,11,12	VPA	Introduction to Art
AR35	Ceramics & 3-D Art	.5	S	9,10,11,12	VPA	Introduction to Art
AR60	Painting	.5	S	10,11,12	VPA	Introduction to Art and Drawing
AR75	Digital Photography	.5	S	10,11,12	.5 VPA OR Computer	Introduction to Art
AR90	Fashion Design	.5	S	10,11,12	VPA	Introduction to Art or Teacher Approval
AR81	Graphic Design	.5	S	9,10,11,12	.5 VPA OR Computer	Introduction to Art or Teacher Approval
ARAPAF/W	A.P. Art Studio	1	Y	11,12	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.

(online learning: 6 hours)

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. (online learning: 5 hour)

CREATIVE PROBLEM SOLVING - AR25

(SEMESTER, GRADES 9-12)

FULFILLS .5 VPA CREDIT OR .5 COMPUTER CREDIT

This course covers a broad range of topics and subject areas while utilizing a “systematic” way to think creatively. A strong emphasis is placed on 21st Century skills like *Design Thinking, Collaboration, Storytelling* and *Empathy* to “problem” solve a solution. Each unit will present a challenge to the students and they collaboratively will work through the “Creative Problem Solving” method being taught to find the best solution possible. The course will emphasize the aesthetics of art and how we visually see the world, along with an integration of core subjects (math, English, science, social studies) and many of the skills that future employers are looking for. **Requirements: Personal growth and a willingness to have fun and learn from mistakes! (online learning: 30+ hours)**

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.). **(online learning: 6 hours)**

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 spiny 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. **(online learning: 3 hours)**

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. **(online learning: 6 hours)**

DIGITAL PHOTOGRAPHY – AR75

(SEMESTER, GRADES 10-12)

FULFILLS .5 VPA CREDIT OR .5 COMPUTER 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. **(online learning: 30+ hours)** 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 as 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. **(online learning: 6 hours)**

GRAPHIC DESIGN – AR81

(SEMESTER, GRADES 9-12)

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. **(online learning: 30+ hours) NOTE: Northview High School is pursuing articulation credit for college courses CIS 120 (3 credits total) at Grand Rapids Community College.**

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. Students will complete an accounting simulation at the end the year pertaining to running a health club, maintaining financial records, and making business decisions based on these records. 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 THREE ARTICULATION COLLEGE CREDITS AT GRAND RAPIDS COMMUNITY COLLEGE WITH A PROFICIENCY OF 80% OR HIGHER. EARN FOUR ARTICULATION COLLEGE CREDITS AT DAVENPORT UNIVERSITY WITH A PROFICIENCY OF A “B” OR HIGHER. (online learning: 10+ hours)

FINANCIAL LITERACY– BU50

(SEMESTER, GRADES 10-12)

FULFILLS .5 MATH ELECTIVE CREDIT

This course is designed to teach the fundamentals of money management following the Dave Ramsey Financial Peace 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.

(online learning: 15+ hours)

COMPUTER DEPARTMENT

COURSE #	TITLE	CREDIT	SEM=S OR YEAR=Y	GRADE LEVEL	MEETS MMC REQS	PREREQUISITE
CU60	Adobe Photoshop	.5	S	9,10,11,12	.5 VPA or .5 Computer	
CSAAPF/W	A.P. Computer Science A	1	Y	9,10,11,12	1 VPA or .5 Computer	Algebra 1
CSPAPF/W	A.P. Computer Science Principles	1	Y	9,10,11,12	1 VPA or .5 Computer	Algebra 1
CU14	Introduction to Computer Science & Coding	.5	S	9,10,11,12	.5 VPA or .5 Computer	
CU45	Multimedia Productions	.5	S	9,10,11,12	.5 VPA or .5 Computer	
CU75	Adobe Illustrator & Design	.5	S	9,10,11,12	.5 VPA or .5 Computer	
CU22	Microsoft Office 2016 & Web Tools	.5	S	9,10,11,12	.5 VPA or .5 Computer	
CU35	Web Page Development	.5	S	9,10,11,12	.5 VPA or .5 Computer	
CU70F/W	Yearbook	1	Y	10,11,12	1 VPA and/or .5 Computer and .5 VPA	Application

ADOBE PHOTOSHOP – CU60

(SEMESTER, GRADES 9-12)

***FULFILLS .5 VPA CREDIT OR .5 COMPUTER CREDIT**

This course is intended to help students experience a small piece of the complex program Adobe Photoshop. Photoshop is the professional standard in desktop digital imaging and web design. Students will become better prepared in computer-related subjects and have fun making projects that would make many stop and take notice. Students will enhance their skills in web design, multimedia projects, marketing and advertising by adding stunning graphics in these units of study. This is a program you can use for the rest of your life.

Discussion/participation questions will be utilized on the topics of graphic design. The students will have an opportunity to create a variety of graphical designs through guided and independent practice. Professional tutorials will be followed as well. Good typing, communication and organizational skills are recommended. **EARN THREE ARTICULATION COLLEGE CREDITS AT DAVENPORT UNIVERSITY WITH A PROFICIENCY OF A “B” OR HIGHER. EARN THREE ARTICULATION CREDITS AT GRAND RAPIDS COMMUNITY COLLEGE WITH A PROFICIENCY OF 80% OR HIGHER. (online learning: 20+ hours)**

A.P. COMPUTER SCIENCE A – CSAAPF/W

(YEAR, GRADES 9-12)

WEIGHTED COURSE

NCAA Approved Course

FULFILLS 1.0 VPA CREDIT OR .5 COMPUTER CREDIT

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. **(online learning: 20+ hours)**

A.P. COMPUTER SCIENCE PRINCIPLES– CSPAPF/W

(YEAR, GRADES 9-12)

WEIGHTED COURSE

NCAA Approved Course

FULFILLS 1.0 VPA CREDIT OR .5 COMPUTER CREDIT

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.

(online learning: 20+ hours)

INTRODUCTION TO COMPUTER SCIENCE AND CODING – CU14

(SEMESTER, GRADES 9-12)

FULFILLS .5 VPA CREDIT OR .5 COMPUTER CREDIT

This semester course is a beginner-based curriculum equivalent to a college introductory programming coding class. 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. The lessons and materials used throughout this course incorporate Project-Based Learning (PBL), thus, actively engaging students in the educational process, improving retention, developing problem solving skills, critical thinking, and group communication skills. Through this collaborative, learner-centric approach, students are encouraged to explore the advantages and societal impact of computational technology while developing 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, Scratch, Code.org and Khan Academy.

EARN THREE ARTICULATION COLLEGE CREDITS AT DAVENPORT UNIVERSITY WITH A PROFICIENCY OF A “B” OR HIGHER. EARN THREE ARTICULATION CREDITS AT GRAND RAPIDS COMMUNITY COLLEGE WITH A PROFICIENCY OF 80% OR HIGHER. (online learning: 20+ hours)

MULTIMEDIA PRODUCTIONS – CU45

(SEMESTER, GRADES 9-12)

FULFILLS .5 VPA CREDIT OR .5 COMPUTER CREDIT

This course will educate students on the concepts of a multimedia production through the applications of Adobe Photoshop and Adobe Premier. Students will produce/manipulate text, sound, pictures and work with animation. Amateur Filmmaking will involve live and stop motion video productions. Discussion and participation questions will be a weekly activity on multimedia topics. The students will have an opportunity to create a variety of projects through guided and independent practice and evaluate finished work. Individual and group projects will be assigned. Good typing, communication and organizational skills are recommended. **EARN ONE ARTICULATION COLLEGE CREDITS AT DAVENPORT UNIVERSITY WITH A PROFICIENCY OF A “B” OR HIGHER.**

(online learning: 20+ hours)

ADOBE ILLUSTRATOR & DESIGN – CU75

(SEMESTER, GRADES 9-12)

FULFILLS .5 VPA CREDIT OR .5 COMPUTER CREDIT

Learn to integrate text and graphics in order to create a variety of high-quality, professional looking materials such as letterheads, advertisements, logos, banners, menus, brochures, newsletters, t-shirts, posters and flyers, and books using Adobe Illustrator. This course is setup for students to work on their own and create documents using their creativity, imagination, and knowledge of Graphic Design. **EARN THREE ARTICULATION COLLEGE CREDITS AT GRAND RAPIDS COMMUNITY COLLEGE WITH A PROFICIENCY OF 80% OR HIGHER. EARN THREE ARTICULATION COLLEGE CREDITS AT DAVENPORT UNIVERSITY WITH A PROFICIENCY OF A “B” OR HIGHER. (online learning: 20+ hours)**

MICROSOFT OFFICE 2016 & WEB TOOLS – CU22

(SEMESTER, GRADES 9-12)

FULFILLS .5 VPA CREDIT OR .5 COMPUTER CREDIT

This class was designed to give students introductory skills in Microsoft Office, including Microsoft Word 2016, Excel 2016, Access 2016, Publisher 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 Flickr, Picnik, Photo Bucket, 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. **EARN NINE ARTICULATION COLLEGE CREDITS AT GRAND RAPIDS COMMUNITY COLLEGE WITH A PROFICIENCY OF 80% OR HIGHER. (online learning: 20+ hours)**

WEB PAGE DEVELOPMENT – CU35

(SEMESTER, GRADES 9-12)

FULFILLS .5 VPA CREDIT OR .5 COMPUTER 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, web site 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 THREE ARTICULATION CREDITS AT GRAND RAPIDS COMMUNITY COLLEGE WITH A PROFICIENCY OF 80% OR HIGHER.**

(online learning: 20+ hours)

YEARBOOK – CU70F/W

(YEAR, GRADES 10-12)

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

PREREQUISITE: COMPLETE AND SUBMIT AN APPLICATION TO MR. HOWE (AVAILABLE ON MAVIN APP LINKS OR MR. HOWE)

Yearbook is highly respected on college resumès. 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! **Meets high school VPA requirement. (online learning: 90 hours)*

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	
ENAPSF/W	A.P. Seminar	1	Y	10	English	
EN11F/W	English 11	1	Y	11	English	
EN12F/W	English 12	1	Y	12	English	
EN670F/W	A.P. English Language & Composition	1	Y	11,12	English	Counselor Approval
EN660F/W	A.P. English Literature & Composition	1	Y	11,12	English	Counselor Approval
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 and/or Computer	
ENJ2F/W	Journalism 2	1	Y	10,11,12	VPA and/or Computer	“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		
EN280	Shakespeare Alive!	.5	S	9,10,11,12		
EN230	Theatre Arts	.5	S	9,10,11,12	VPA	
EN240	Advanced Theatre Arts	.5	S	10,11,12	VPA	Instructor Approval and Audition
ENWCF/W	Writing Center Leadership & Consulting	.5 or 1	S or Y	11,12		Application Acceptance with Teacher Recommendation

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. **(online learning: 40 hours)**

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.

(online learning: 11 hours)

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. **(online learning: 40 hours)**

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. **(online learning: 20 hours)**

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 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. **(online learning: 20 hours)**

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 emphasis 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. **(online learning: 15 hours)**

CREATIVE WRITING – EN640

(SEMESTER, GRADES 10-12)

NCAA Approved Course

Only students with strong writing skills should consider this course, as it will cover short stories, plays, poetry, and other creative projects. Students who are quality writers and want to explore their own creativity will find this course challenging and exciting.

(online learning: 40 hours)

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 COMPUTER CREDIT, AND/OR .5 COMPUTER 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 COMPUTER CREDIT, AND/OR .5 COMPUTER 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. **(online learning: 80 hours)**

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 and legends and heroic tales from Greek, Roman, Viking, Celtic, and other cultures through literature, art, and films. 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/or artistic projects. **(online learning: 15 hours)**

SHAKESPEARE ALIVE! – EN280

(SEMESTER GRADES 9-12)

This course is designed to show students how Shakespeare is alive and well during the 21st century. Through exposure to his plays and sonnets, students will learn about how this famous playwright dealt with many of the same issues we face today, such as race, gender, and alienation. The connections between 16th century and today's pop culture will be the focus of the class as students bring to life competing ideas about both Shakespeare's times and their own. Sonneteering, remix, mash-ups, social media, and performance will all be part of this creative approach to the Bard.

THEATRE ARTS – EN230

(SEMESTER, GRADES 9-12)

FULFILLS .5 VPA CREDIT

Theatre Arts is a course for students interested in dramatic arts performance. Students will study and participate in mime, improvisation, monologues and dialogues. Technical theatre (lighting, sound, costuming, stagecraft), and directing are also explored. Theatre Arts is designed to build communication, performance, and production skills. Besides daily performance requirements, the course mandates attendance at a live theatre production and written critique. **(online learning: 5 hours)**

ADVANCED THEATRE 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. **(online learning: 20 hours)**

WRITING CENTER LEADERSHIP AND CONSULTING – ENWCF/W

PREREQUISITE: APPLICATION ACCEPTANCE WITH TEACHER RECOMMENDATION

(SEMESTER OR YEAR, GRADES 11-12)

This is a higher-level English elective course that works in tandem with the writing center and entails an in-depth study of writing across all disciplines. The course will also focus on utilizing the writing process, understanding and applying theories about tutoring writing, identifying components of advanced writing, and becoming an effective peer tutor/consultant of writing. This content is applied and assessed as students both produce independent writing, volunteer as a peer consultant in the writing center, and reflect on the processes.

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	Math	
MA110F/W	Pre-A.P. Geometry w/Statistics	1	Y	9,10,11	Math	Pre-A.P. Algebra 1
MA2_5F/W	Algebra 2 (2 YR)	1	Y	9,10,11,12	Math	Pre-A.P. Geometry w/Statistics
MA3_5F/W	Algebra 2 (YR 2)	1	Y	11,12	Math	Algebra 2 (2 YR, YR 1)
MAA2F/W	Advanced Algebra 2	1	Y	10,11,12	Math	Pre-A.P. Geometry w/Statistics with a "C" or better or Teacher Recommendation
MPCAF/W	Advanced Pre-Calculus	1	Y	10,11,12		Teacher Recommendation
MCAPF/W	A.P. Calculus	1	Y	10,11,12		Teacher Recommendation
MASF/W	Statistics	1	Y	11,12		Advanced Algebra 2 or Algebra 2 (YR 2)
MACAF/W	College Algebra	1	Y	12		Advanced Algebra 2 or Algebra 2 (YR 2) or Teacher Recommendation

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.

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 (Two Year, Year One) – MA2_5F/W

(YEAR, GRADES 10-12)

NCAA Approved Course-.5 credit

PREREQUISITE: PRE-A.P. GEOMETRY WITH STATISTICS - This course is the first year of a two year course that 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.

ALGEBRA 2 (Two Year, Year Two) – MA3_5F/W

(YEAR, GRADES 11-12)

NCAA Approved Course-1 credit

PREREQUISITE: ALGEBRA 2 (2 YR, YR 1) - This course is the second year of a two year course that 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 – MAA25F/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 studyr, 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.

ADVANCED PRE-CALCULUS – MPCAF/W

(YEAR, GRADES 10-12)

NCAA Approved Course

PREREQUISITE: TEACHER RECOMMENDATION - This course is for students who excel in math and are preparing for college level course work. This course combines the pre-calculus topics of analyzing functions, equations, inequalities, polynomials, and vectors. Derivatives and integrals will be introduced. They will be studying both abstract and real world situations both with and without a calculator. 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 10-12)

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.

STATISTICS – MASF/W

(YEAR, GRADES 11-12)

NCAA Approved Course

PREREQUISITE: ADVANCED ALGEBRA 2 OR ALGEBRA 2 (YR 2) - This course is designed to introduce students to statistics and its importance in making decisions in today’s world. In Statistics, the following topics are studied: Descriptive statistics, discrete probability distributions, normal probability distributions, confidence intervals, hypothesis testing with one sample and correlation and regression. 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.

COLLEGE ALGEBRA – MACAF/W

(YEAR, GRADE 12)

NCAA Approved Course

PREREQUISITE: ADVANCED ALGEBRA 2 OR ALGEBRA 2 (YR 2) OR TEACHER RECOMMENDATION – 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.

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	VPA	
MUCBF/W	Concert Band	1	Y	9	VPA	
MUJF/W	Jazz Band	1	Y	9,10,11,12	VPA	Director's Approval and Audition
MUJLF/W	Jazz Lab	1	Y	9,10,11,12	VPA	
MUSBF/W	Symphonic Band	1	Y	10,11,12	VPA	Director's Approval- Limited Instrumentation
MUWEF/W	Wind Ensemble	1	Y	9,10,11,12	VPA	Director's Approval and Audition
MU2F/W	Concert Choir	1	Y	9,10,11,12	VPA	
MU3F/W	Women's Chorus	1	Y	9,10,11,12	VPA	Director's Approval and Audition
MU4F/W	Varsity Voices	1	Y	9,10,11,12	VPA	Director's Approval and Audition

INSTRUMENTAL MUSIC

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, 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.

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 on the Michigan State Band and Orchestra Association (M.S.B.O.A.) Class B, C and D level. Basic music theory and scales will also be taught.

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.

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

PREREQUISITE: DIRECTOR'S APPROVAL. LIMITED INSTRUMENTATION – 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

CONCERT CHOIR – MU2F/W

(YEAR, GRADE 9-12)

***FULFILLS .5 VPA CREDIT PER SEMESTER**

Concert Choir is open to all N.H.S. students regardless of previous experience in music. This performance ensemble will study many musical concepts, styles, and genres through the context of the literature performed. Emphasis is placed on singing fundamentals, music reading skills, vocal development, and performance skills. The choir has approximately six weeks to prepare for each of the four major concerts. Performance, self-discipline and control are an integral component of this class. *Students with extenuating circumstances may join at semester with teacher approval.

VARSITY VOICES – MU4F/W AND WOMEN'S CHORUS – MU3F/W

(YEAR, GRADES 9-12)

FULFILLS .5 VPA CREDIT PER SEMESTER

PREREQUISITE: DIRECTOR'S APPROVAL AND AUDITION - Varsity Voices and Women's Chorus are two separate select performance ensembles 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.

PHYSICAL EDUCATION DEPARTMENT

COURSE #	TITLE	CREDIT	SEM=S OR YEAR=Y	GRADE LEVEL	MEETS MMC REQS	PREREQUISITE
EL88F/W9	Introduction to Educational Leadership	.5	S	9	PE	
PE2	Introduction to Sports	.5	S	9,10	PE	
PE3	Introduction to Personal Fitness	.5	S	9,10	PE	
PE33	Advanced Personal Fitness	.5	S	10,11,12	PE	Any PE Course
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	

INTRODUCTION TO EDUCATIONAL LEADERSHIP – EL88F/W9

(SEMESTER, GRADES 9)

FULFILLS THE REQUIRED .5 PHYSICAL EDUCATION CREDIT - Students will be introduced to basic leadership traits and engage in advanced strength and conditioning workouts. This class is designed for the serious athlete who desires to improve their work-ethic and self-discipline. (online learning: 2 hours)

INTRODUCTION TO SPORTS – PE2

(SEMESTER, GRADES 9-10)

FULFILLS THE REQUIRED .5 PHYSICAL EDUCATION CREDIT This course focuses on fitness through sports. Students will engage in a variety of sports including soccer, lacrosse, football, ultimate Frisbee, tennis, volleyball, softball, basketball, badminton, floor hockey, team handball and water polo. Cooperative team building games and personal fitness activities will also be introduced. Fitness evaluations will be performed using *Fitnessgram*. (online learning: 2 hours)

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 5 components of fitness. They include flexibility, cardiovascular endurance, muscle strength, muscle endurance, and body composition. 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 and core workouts will be conducted twice weekly and competitive play twice weekly. Students will utilize the fitness center strength and conditioning equipment.

ADVANCED EDUCATIONAL LEADERSHIP – EL88F/W

(SEMESTER, GRADES 10-12)

FUFILLS .5 PHYSICAL EDUCATION CREDIT & .5 SOCIAL STUDIES ELECTIVE 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 the serious athlete. 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. Topics to be discussed will build upon the leadership traits learned in Intro to EL99.

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.

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	Science	
SCPAPCF/W	Pre-A.P. Chemistry	1	Y	10	Science	Pre-A.P. Biology
SCCRF/W	Criminalistics	1	Y	10,11,12		Biology
SCAF/W	Anatomy & Physiology	1	Y	10,11,12		Biology with a "C" or Higher
SCPF/W	Physics	1	Y	11,12	Science	Geometry
SCPAF/W	Accelerated Physics	1	Y	11,12	Science	Geometry and Algebra 2 (concurrently)
SCEZ	Ecology/ Zoology	.5	S	10,11,12		Biology
SCAPRF/W	A.P. Research	1	Y	11,12		A.P. Seminar
SCAPBF/W	A.P. Biology	1	Y	11,12		Biology and Chemistry
SCAPCF/W	A.P. Chemistry	1	Y	11,12		Acc. Chemistry and Alg. 2 or Higher
SCESAPF/W	A.P. Environmental Science	1	Y	11,12		Biology and Chemistry
SCAPPHYCF/W	A.P. Physics	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.

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

CRIMINALISTICS – SCCRF/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. **(online learning: 3 hours)**

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.

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 it’s 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.

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 it’s 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. **(online learning: 18 hours)**

ECOLOGY/ZOOLOGY – SCEZ

(SEMESTER, GRADE 10-12)

NCAA Approved Course

PREREQUISITE: BIOLOGY – Ecology (the study of interactions among all living things and the world around them) and Zoology (a deep look into the animal kingdom) is a combined semester course. Some of the major topics of study include: simple invertebrates, fish and amphibians, reptiles and birds, mammals, animal behavior, mollusks and annelids, ecosystems, populations and communities, and the environment.

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

(YEAR, GRADES 11-12)

NCAA Approved Course

PREREQUISITE: A.P. SEMINAR

WEIGHTED 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 emphasis 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.

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. **(online learning: 18 hours)**

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

(YEAR, GRADES 11-12)

WEIGHTED COURSE

NCAA Approved Course

PREREQUISITE: ACCELERATED 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 a laboratory experience. In this class the following topics that are covered in great depth: Properties of Solutions, Chemical Equilibrium, Acid-Base Equilibrium, Chemical Thermodynamics, Electrochemistry, and Organic Chemistry. **(online learning: 6 hours)**

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, pollution and global 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. **(online learning: 18 hours)**

SOCIAL STUDIES DEPARTMENT

COURSE #	TITLE	CREDIT	SEM=S OR YEAR=Y	GRADE LEVEL	MEETS MMC REQS	PREREQUISITE
SS42	American Government	.5	S	11,12	Social Studies	
SSAPGF/W	A.P. American Government	1	Y	11, 12	Social Studies	Previous Soc. Stud. Success and Teacher Approval
SS33	Economics	.5	S	11,12	Social Studies	
SS51	A.P. Macroeconomics	.5	S	11,12	Social Studies	Previous Soc. Stud. Success and Teacher Approval
SS52	A.P. Microeconomics	.5	S	11,12	Social Studies	Previous Soc. Stud. Success and Teacher Approval
SS40	Current Issues in Human Development	.5	S	10,11,12		
SS31	Political Science & Law	.5	S	11,12		
SS38	Psychology	.5	S	11,12		
SSPAPF/W	A.P. Psychology	1	Y	11,12		Previous Soc. Stud. Success and Teacher Approval
SS37	Contemporary World Issues	.5	S	11,12		
SSUSH9F/W (9th only) SSUSHF/W	U.S. History	1	Y	9,10,11,12	Social Studies	
SSAPUF/W	A.P. U.S. History	1	Y	10,11,12	Social Studies	
SSWHF/W	World History	1	Y	10	Social Studies	
SSWHAPF/W	A.P. World History	1	Y	10,11,12	Social Studies	
EL88F/W	Advanced Educational Leadership	.5	S	9,10,11,12	PE	Any prior PE course and successful completion of at least 1 high school athletic season at Northview or a previously attended high school.

AMERICAN GOVERNMENT – SS42

(SEMESTER, GRADE 11-12)

NCAA Approved Course

This required course is a study of the origins, functions and values of 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. **(online learning: 3 hours)**

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

(YEAR, GRADE 11-12)

WEIGHTED COURSE

NCAA Approved Course

PREREQUISITE: PREVIOUS ACADEMIC SUCCESS IN SOCIAL STUDIES AND TEACHER APPROVAL 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. **(online learning: 5 hours)**

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 related to businesses and individuals. **(online learning: 2 hours)**

ADVANCED PLACEMENT (A.P.) MACROECONOMICS – SS51

(SEMESTER, GRADES 11-12)

WEIGHTED COURSE

NCAA Approved Course

PREREQUISITE: PREVIOUS ACADEMIC SUCCESS IN SOCIAL STUDIES AND TEACHER APPROVAL - 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 requirement.* **(online learning: 25 hours)**

ADVANCED PLACEMENT (A.P.) MICROECONOMICS – SS52

(SEMESTER, GRADES 11-12)

WEIGHTED COURSE

NCAA Approved Course

PREREQUISITE: PREVIOUS ACADEMIC SUCCESS IN SOCIAL STUDIES AND TEACHER APPROVAL 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 requirement.* **(online learning: 25 hours)**

CURRENT ISSUES IN HUMAN DEVELOPMENT – SS40

(SEMESTER, GRADE 10-12)

NCAA Approved Course

This course is research based emphasizing practical life skills. The family life cycle, communication and relationship skills, family crisis management and parenting skills are studied. Healthy family and child development through goal setting and healthy choices is the focus. Healthy pregnancy and prenatal growth and development is also studied. Students with an interest in psychology, sociology and the helping professions (for example: teaching, social work, medicine) will benefit. **(online learning: 5 hours)**

POLITICAL SCIENCE & LAW – SS31

(SEMESTER, GRADES 11-12)

NCAA Approved Course

This is a survey course that will introduce students to contract and business law. It is designed to cover an introduction to legal theory and procedure, alternative dispute resolution, and the court system at the local, state, and national level. Students will gain an understanding of the basic elements of a contract, including the Uniform Commercial Code, along with remedies, statute of frauds, third-party rights and corporate liability. Students will also examine employment and agency relationships and will gain an understanding of the regulations governing different types of business organizations. **(online learning: 10 hours)**

PSYCHOLOGY – SS38

(SEMESTER, GRADES 11-12)

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 on going process to conform to the complexities of the society they live in. To understand themselves physically, mentally, socially, and cognitively in this process. **(online learning: 5 hours)**

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

(YEAR, GRADES 11-12)

WEIGHTED COURSE

NCAA Approved Course

PREREQUISITE: PREVIOUS ACADEMIC SUCCESS IN SOCIAL STUDIES AND TEACHER APPROVAL - 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 sub-fields within psychology. Student also will learn about the ethics and methods psychologists use in their science and practice.

(online learning: 20 hours)

CONTEMPORARY WORLD ISSUES – SS37

(SEMESTER, GRADES 11-12)

NCAA Approved Course

An introduction to sociological perspectives with a focus on modern issues and their impact on the lives of people around the world. It will examine forms of social organization, social interaction, and major social institutions. Topics explored in this class include inequalities of gender, race, and ethnicity, education, politics, social conflict and change, theoretical perspectives, and current debates in science, history, and government. Particular emphasis may be placed on mass media, technology, and globalization. **(online learning: 3 hours)**

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

(YEAR, GRADE 9-11)

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. **(online learning: 10 hours)**

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. **(online learning: 35+ hours)**

WORLD HISTORY – SSWHF/W

(YEAR, GRADE 10)

NCAA Approved Course

World History is the study of how the histories, politics, economics, cultural traditions, social, religious, and geographic perspectives of various world cultures have shaped the modern world. (Freshmen interested in taking A.P. U.S. History can take World History in Grade 9 with post-high school reading level and teacher/counselor approval). **(online learning: 25+ hours)**

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. **(online learning: 35+ hours)**

ADVANCED EDUCATIONAL LEADERSHIP – EL88F/W

(SEMESTER, GRADES 9-12)

.5 PHYSICAL EDUCATION CREDIT & .5 SOCIAL STUDIES CREDIT

PREREQUISITE: ANY PE COURSE AND SUCCESSFUL COMPLETION OF AT LEAST 1 HIGH SCHOOL ATHLETIC

SEASON AT NORTHVIEW -This course is designed for the serious athlete. The course will achieve two major objectives. First, students will advance their athletic development utilizing PLT4M and Base Lifts 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. Second, the course will address the mental development of the serious athlete. Character and leadership development will be taught using the classroom. Topics to be discussed will build upon the leadership traits learned in Intro to EL99. Service Learning and community involvement will also be a large component of the classroom evaluation. **(online learning: 4 hours)**

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
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)

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 can be found online to support the course. **(online learning: 3 hours)**

SPANISH 2 – SLS2F/W

(YEAR)

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. Skits and games are used to reinforce materials. **(online learning: 3 hours)**

SPANISH 3 – SLS3F/W

(YEAR)

NCAA Approved Course

PREREQUISITE: SPANISH 2 AND/OR TEACHER'S APPROVAL – Continued reinforcement of Spanish 1 and 2. Vocabulary and grammar are increasingly aimed at communication in different aspects of time and mood. Listening and small group activities are used to help the student develop skills in communicating in the Spanish language. Culture will be included. **(online learning: 3 hours)**

SPANISH 4 – SLS4F/W

(YEAR)

NCAA Approved Course

PREREQUISITE: SPANISH 3 AND/OR TEACHER'S APPROVAL – A focus on classic Spanish and contemporary Hispanic literature. Projects incorporating literature, culture, and language are developed. A general grammar review is included as it applies to conversation and composition. **(online learning: 3 hours)**

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. **(online learning: 3 hours)**

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. **(online learning: 3 hours)**

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. **(online learning: 3 hours)**

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. **(online learning: 3 hours)**

SPECIAL EDUCATION DEPARTMENT

Self-contained courses are available for students for eligible special education services 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 within general education and special education classes.

SPECIAL AND SPECIFIC PROGRAMS

SPECIAL EDUCATION CURRICULUM/MICHIGAN MERIT EXAM (MME) STATEMENT

Northview staff encourage students requiring special education 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 special education services are placed in classes based on need. Classes range from general education classes to highly supported special education classes. Special education classes are not designed to be college or MME preparation. These classes focus on meeting the student's individual needs, which promotes a smooth transition into their post-secondary plans.

Students in a team-taught setting will be exposed to the same MME preparation strategies as all other general education students.

The special education staff supports students who want to go to college and take the MME test by encouraging them to schedule classes which will best prepare them to be successful.

OFF CAMPUS PROGRAMS

KENT CAREER/TECHNICAL CENTER

(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. Visit 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

KENT TRANSITION CENTER

(YEAR, GRADES 11-12)

Provides entry-level vocational training to high school students. Classroom instruction, combined with community training, enables students to transition from high school to work. The typical student is one who would benefit from an adaptive learning environment.

STUDENT EDUCATORS AND LISTENERS (SEALS)

(SEMESTER, GRADES 10-12)

PREREQUISITE: TEACHER APPROVAL

Selected students study communication skills, tutoring skills, problem solving, mediation, conflict resolution, grief, stress management and research on emotional intelligence.

Designed for students interested in psychology, sociology or personal relationship skills. Helpful for career exploration of the helping professions like health care, teaching, social work. Course work includes written work, role plays, and class discussion regarding practical listening skills, problem solving and stress management techniques. Upon successful completion, the student has the option to choose to be placed in a classroom setting but is not required to do so.

(online learning: 3 hours)

LAUNCH U

(YEAR, GRADE 10)

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

Hands-on early college program available for students beginning in 10th grade. In collaboration with Grand Rapids Community College, students can earn a tuition-free Associate Degree. By taking a combination of high school and college courses, students earn both a high school diploma and Associate Degree in just one year after high school. Upon completion of an early college program, students may directly pursue a career or continue with higher education.

WEST MICHIGAN CONSTRUCTION INSTITUTE

(YEAR, GRADES 11-12)

PREREQUISITE: EXCELLENT ATTENDANCE. PROGRAM VISIT ARRANGE BY COUNSELING OFFICE IS REQUIRED

A balance of hands-on and classroom instruction, accredited by the National Center for Construction Education & Research. The program focuses on the Commercial Construction field with opportunities for students to earn certifications and internship experiences from industry expert staff members. Students enrolling in WMCI as juniors can complete up to two levels of a trade program by the time they graduate high school, fast-tracking them into their continued construction education or meaningful and well-paying careers. Currently, WMCI plans to offer carpentry, plumbing, and electrical programs with expansion into additional trades in the oncoming years. Learn more at www.wmcinstitute.com. Students will attend Monday - Friday 7:30am to 9:30am.

NORTHVIEW HIGH SCHOOL ATHLETIC TEAMS

FALL	
<u>Boys</u>	
Cross Country	
Varsity/J.V./Freshman Football	
Varsity/J.V. Soccer	
Varsity/J.V. Tennis	
<u>Girls</u>	
Varsity/J.V. Sideline Cheerleading	
Cross Country	
Varsity/J.V. Golf	
Swimming	
Varsity/J.V./Freshman Volleyball	

WINTER	
<u>Boys</u>	
Varsity/J.V./Freshman Basketball	
Varsity Bowling	
Ice Hockey	
Ski	
Swimming	
Varsity/J.V. Wrestling	
<u>Girls</u>	
Varsity/J.V./Freshman Basketball	
Varsity Bowling	
Varsity/J.V. Competitive	
Cheerleading	
Ski	
Varsity Wrestling	

SPRING	
<u>Boys</u>	
Varsity/J.V./Freshman Baseball	
Varsity/Novice Rowing	
Varsity/J.V. Golf	
Varsity/J.V. Lacrosse	
Track & Field	
<u>Girls</u>	
Varsity/Novice Rowing	
Varsity/J.V. Lacrosse	
Varsity/J.V. Softball	
Varsity/J.V. Soccer	
Varsity/J.V. Tennis	
Track & Field	

NORTHVIEW HIGH SCHOOL CLUBS/ORGANIZATIONS

<u>NAME</u>	<u>ADVISOR</u>
Art Club	Ms. Lockwood
Band Council	Mr. Wells
Campus Life	Mr. Chagdes
Debate Club	Mr. Thrall
Drama Club	Mr. Frank
E.A.C. (<i>Environmental Action Club</i>)	Ms. Mulheisen/Ms. Snyder
Fly Fishing Club	Mr. Youngberg
From The Top A Cappella	Mr. Phillipson
G.S.A. (<i>Gay Straight Alliance</i>)	Ms. Lockwood

<u>NAME</u>	<u>ADVISOR</u>
National Honor Society	Ms. Atchison
Peer Listeners	Ms. Mulheisen
S.A.D.D. (<i>Students Against Dangerous Decisions</i>)	Mr. Bollone
Science Olympiad	Mr. Hendricks/Ms. Walendzik
Student Council	Ms. Haveman
Volunteer Club	Ms. Snyder
Woman Up Club	Ms. Pitt
W.A.V.E. (<i>Welcoming, Accepting, Valuing, Everyone-Diversity Club</i>)	Ms. Michewicz/Ms. Tabor

<u>BOARD OF EDUCATION</u>	
<i>President</i>	Mrs. Linda LaBerteaux
<i>Vice President</i>	Mrs. Renee Montgomery
<i>Secretary</i>	Mrs. Liz Ensing
<i>Treasurer</i>	Ms. Teresa Ramirez
<i>Legislative Liaison</i>	Mrs. Michelle Gallery
<i>Trustees</i>	Mr. Doug LaFleur
	Mr. Matthew Nibbelink



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 or activities.

Any questions or 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 inquiries 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