

Northwest Community Schools

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Northwest High School Curriculum Guide

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MISSION STATEMENT

It is the Mission of Northwest High School to educate all of its students to the level at which they are prepared to enter their next stage of life, including the world of work or further education. Instruction will be provided in academics, the arts, along with social and life skills to enable them to become useful and productive citizens of their communities.

GRADUATION REQUIREMENTS

The Board of Education of the Northwest Community Schools is dedicated to preparing its students for post secondary higher education and the work place, and realizes that students as future employees must be able to compete in a global economy. To meet this goal, the Board has established the minimal requirements for a student to meet in order to receive a regular high school diploma.

The Northwest Community Schools' high school program contains certain required and elective courses. A minimum number of credits based on your year of entry are required. Graduating students will need a minimum of 56 credits based on our current scheduling system. Adjustments will be made accordingly for students that transfer in from other districts.

The Superintendent shall cause the graduation requirements to be published in the Student Handbook and in such other locations or media as he/she determines appropriate, including requirements for transfer students.

The following units of credit are required:

*Note – 1 year equals 2 trimesters.

- English/Language Arts 4 years of credit.
- Social Studies 3 years of credit, which must include civics, economics, world history, and US history.
- Science 3 years of credit, which must include two credits of biology and two credits of chemistry or physics.
- Mathematics At least 4 years of credits including completion of at least algebra I, geometry, and algebra II, or an integrated sequence of this course content that consists of 3 credits, and an additional mathematics credit, such as trigonometry, statistics, precalculus, calculus, applied math, accounting, business math, a retake of algebra II, a course in financial literacy as described in section 1165. A pupil may complete algebra II over 2 years with 4 credits awarded.
- Physical Education/Health PE - 1 credit; Health – 1 credit
- Visual, Performing or Applied Arts 1 year of credit.*
- Foreign Language 2 years of credit. (Starts with the graduating class of 2016)

At least one online course or learning experience accomplished in the 9th grade computer class.

GRADE LEVEL CREDIT REQUIREMENTS

10 th Grade	11
11 th Grade	26
12 th Grade	41
Diploma	56

GRADING SCALE/GRADE POINT AVERAGE

There are three 12-week terms in a school year. A credit will be given for each term that a student completes with a passing grade.

After 6 weeks have passed in each 12-week term, **all** students will receive progress reports. Parents may also check their child's academic progress by using PowerSchool.

Teachers will administer term exams according to an exam schedule. The teacher will inform the students in advance how much the exam will count toward the computation of the final term grade. Students **must** complete the semester exam in order to pass the class. (EX: Cheating or just signing their name to the exam without making an attempt at successful completion would not qualify as completing the exam.) All teachers are required to give final exams.

GRADING SCALE

93-100	A
90-92	A-
87-89	B+
83-86	B
80-82	B-
77-79	C+
73-76	C
70-72	C-
67-69	D+
63-66	D
60-62	D-
<60	E

AP CLASS GRADING SCALE

90-100	A
85-89	A-
80-84	B+
75-79	B
70-74	B-
65-69	C+
60-64	C
<60	E

GRADE POINT AVERAGE (CALCULATION OF)

A = 4.00	B- = 2.66	D+ = 1.33
A- = 3.66	C+ = 2.33	D = 1.00
B+ = 3.33	C = 2.00	D- = 0.66
B = 3.00	C- = 1.66	E = 0

EARNING CREDIT

A credit is a completed unit of study as measured by proficiency in a predetermined set of content expectations. Students may earn credit if they successfully demonstrate mastery of subject area content expectations or guidelines for the credit. The assignment of credit must be based, at least in part, on student performance on subject area assessments, which measure the extent to which they meet the credit expectations and guidelines.

To earn credit in a course at Northwest High School, as per the policies of the Northwest Community Schools Board of Education, a student must either:

1. Obtain a cumulative score of 60% for the three assessment areas (Common Curricular Expectations, Teacher Assessments, and Final Assessment) and meets the attendance policies of the District each term; or
2. Scores at least an 80% on the Final Summative Assessment or Battery of Assessments for each term of the Course (regardless of attendance); or
3. Tests-Out of the course as per the Testing-Out policy, which is 80% on the final battery of assessments.

GRANTING CREDIT AND 'TESTING OUT'

“Credit” is not a measure of the amount of time a student has studied a subject (e.g., semester, trimester, etc.). Instead, for purposes of this policy, credit shall be awarded where a student is able to successfully demonstrate mastery of subject area content expectations. This may be done in a variety of ways or through a variety of learning experiences, including career and vocational education programs, co-teaching, etc. Demonstration of mastery and the earning of credit will be determined in accordance with guidelines developed by the Superintendent.

In some situations a pupil may desire to earn credit by “testing out” of a particular subject. A pupil enrolled in high school, but not enrolled in a particular course, may be granted credit in the course by demonstrating a

reasonable level of mastery by attaining an (80%) or above on the final year end exam of the course, or if there is no final year end examination, by demonstrating mastery through the basic assessment process utilized in the course, which may consist of portfolio, project, paper, examination or presentations. Credit earned will be on a “credit” or “no credit” basis, and will be counted toward graduation requirements.

TESTING-OUT PROCEDURE

- A student may attempt to ***Test-Out*** of any class that they have taken and failed or a class they are planning on taking.
- Students will not be given “study materials” since ***Testing-Out*** is based on a student’s current knowledge.
- A student must score an 80% or better to earn credit for the class.
- Students interested in ***Testing-Out*** of a class will be given an opportunity prior to each Trimester.
- Specific dates will be selected and posted in the Guidance office.
- Students must sign up with their guidance counselor a minimum of 2 weeks before the testing date.
- Exams are corrected and students notified of results within two weeks.
- If the credit is earned resulting in the need for a schedule change, those will be done by the student’s counselor in the guidance office.
- Students cannot test out to recover credit in a class they are currently enrolled in.

CREDIT RECOVERY OPTIONS

Northwest High School offers students additional time after school (Tuesdays and Thursdays, including providing a late bus) with department teachers to receive additional academic support, finish work, or retake/redo major common assessments from their courses. In some cases, the opportunity for recovery of all or a portion of a course may be provided, in an online format, as well. See your guidance counselor for detailed information on these options.

SUMMER CREDIT OPTIONS

For students that are short graduation credits, there may be a summer make-up program to capture course credits for classes previously taken unsuccessfully. These courses are available for English, Social Studies, Science and Mathematics. There is a fee associated with each of these options. There are several methods students can make up credit over the summer:

- Summer School
- E20/20 (online classes as offered)
- Testing Out

SEAT TIME WAIVER

A seat time waiver is a waiver from the administrative rules and pupil accounting rules that cause barriers to innovation and student academic success. STW can serve all students, but in particular those students who have attendance issues, social/emotional issues, working students, teen parents with child care responsibilities, students with medical issues, accelerated learners and more. Any situation restricting a student from attending daytime school is cause for a possible STW.

The Alternative Education High School coordinates this on-line learning experience. Students must have the initiative and the ability to work on their own with minimal guidance from a mentor who will supervise the learning experience. Exams will be taken under the mentor's supervision and credits will be tabulated at Northwest Alternative High School.

The STW opportunity is not limited to students within the district or within Jackson County. However, students must be part of the "schools of choice" (SOC) process for our school district to qualify. Contact the AHS office for more information or to get your potential student on the processing list.

DROPPING A COURSE

Students must confer with their parents and counselors before any class changes are made. A request to drop a class may be made by the student, the students' parents, a teacher, a counselor, or an administrator.

A student asking to drop a class must get the written permission of the following people:

- A. The parent or guardian
- B. The counselor
- C. The teacher being dropped
- D. The teacher being added (where appropriate)
- E. The Administration

If the Administration agrees to the change, the teacher of the class being dropped will determine whether the student will receive an E, a withdrawal for the term, or an appropriate departing grade. Classes being dropped because of a disciplinary or attendance reason will result in an E with 0 credit for the term.

ADVANCED PLACEMENT

Advanced Placement (AP) Advanced Placement (AP) courses provide students with the opportunity to take college level courses right at high school that are taught by high school teachers and available on-line through Michigan Virtual University.

- **Qualifications:** Students may be required to complete a lower level course in the same subject.
- **Credit:** Courses can count as high school credit and college credit. To earn possible college credit in an AP course, you will need to earn a minimum score of 3 (out of 5) on an AP college credit test.
- **Course Costs:** Costs for these programs may differ from district to district. AP tuition costs are generally covered by districts. However, if you wish to take the test for college credit there is a cost (the cost is reduced for students who qualify for free and reduced lunch).
- **Course Location:** Northwest High School
- **Availability:** Courses may be offered on a rotating basis from year to year. A minimum number of students requesting the class is required in order for the course to run.

Northwest High School offers the following AP courses:

- AP Calculus
- AP English
- AP US History
- AP Psychology
- AP Physics

DUAL ENROLLMENT

Dual enrollment is a program that extends educational learning options for students who qualify to take classes at a post-secondary institution while attending high school. Classes may be used for both high school and college credit or just college credit.

- A student who qualifies can only take up to two dual enrollment classes per college semester.
- Students wishing to dual enroll must meet with their counselor to fill out the required forms.
- A student can only take dual enrollment classes in an area after they have successfully exhausted all high school course offerings in that subject area.
- All Northwest AP Courses have precedence over an entry level post secondary course.
- High School credits obtained through dual enrollment granted to a student shall be counted toward the graduation and subject area requirements of the school district only if needed for graduation.
- Dual enrollment classes must align with the student's prospective career pathway.
- Typically dual enrollment opportunities are reserved for seniors, however, underclassmen may be approved to dual enroll by the principal.
- Below you will find test score requirements for students wishing to dual enroll.

Assessment	Test Section	Content Area	Minimum Dual Enrollment Qualifying Score
PSAT	Critical Reading	Reading	45
	Writing Skills	Writing	45
	Mathematics	Mathematics	47
PLAN	Mathematics	Mathematics	19
	Reading	Reading	17
	Science	Science	21
	English	English	15
ACT	Mathematics	Mathematics	22
	Reading	Reading	21
	Science	Science	24
	English	English	18

Northwest Payment Policy:

- Northwest will cover the cost of tuition for dual enrollment as long as the above criteria are met. This includes meeting the college readiness benchmarks in **all** content areas as listed in the table above.
- The maximum dollar amount allotted per student per semester class is determined by the FTE (Full Time Equivalent) rate set by the state.
- If the cost of tuition for a dual enrollment class exceeds the allotted amount, the parent/student is responsible for paying the difference. The cooperating college/university will notify the student if additional payment is necessary.
- Students that drop a college class after the drop date or fail the class will be responsible to reimburse Northwest Schools for the tuition that was paid.

ARTICULATION AGREEMENTS

Articulation agreements allow students who complete selected courses in high school in a satisfactory manner (generally 80%) to obtain free college-level credit for that coursework. Currently, NWCS has articulation agreements with Jackson Community College and Baker College. These courses may or may not be transferable to other colleges or universities.

The benefits and purpose of articulation agreements are:

- To provide more post-secondary educational options for capable students.
- To better prepare students to enter the world of work.
- To eliminate duplication of coursework (by not requiring a student to repeat a course in college that they have already completed successfully in high school).

Upon enrolling in one of the above colleges, there will be no cost to the high school student for credit for the articulated course if all other articulation guidelines of that college are met.

Individual course descriptions indicate whether a class has been approved for articulation. See your school counselor for more and specific information.

NWCS Courses Available:

- Accounting Class
- Personal Finance
- Human Physiology
- Computer Skills

PERSONAL CURRICULUM

The Board of Education of the Northwest Community Schools recognizes that not all students will have career goals which require the same curricular experiences, or may have begun their high school career in a different state or a private school. Similarly, some students with disabilities may have differing educational needs and abilities, yet still be able, with appropriate accommodations and supports, to complete the requirements for a high school diploma. In recognizing these differences, the Board will permit students to modify the above graduation requirements to meet their particular career goals and learning needs by way of a Personal Curriculum, as permitted by state law. The Personal Curriculum may be requested by a parent, legal guardian or the pupil him/herself if emancipated or of the age of majority. If requested, the Personal Curriculum must incorporate as much of the Michigan Merit Curriculum as is practicable for the pupil, must establish measurable goals and a method for evaluation of whether the pupil is achieving those goals, and must be consistent with the pupil's Educational Development Plan (EDP) and, in the case of a student with a disability, must be consistent with the student's Individualized Educational Program (IEP). The Superintendent shall establish guidelines for requesting, devising and granting of Personal Curriculums, consistent with state law.

MICHIGAN MERIT CURRICULUM

*PERSONAL CURRICULUM MODIFICATION OPTIONS

Subject Area Credit Requirements	Personal Curriculum (PC) Modification Required
4 English Language Arts Credits	✓ No modification except for students with disabilities
4 Mathematics Credits (no sequence required) <ul style="list-style-type: none"> • Geometry • Algebra I • Algebra II • 1 additional math or math-related course • Math or math-related high school level credit in the final year 	To qualify for a PC math modification, students must have completed: <ul style="list-style-type: none"> ✓ 2.5 MMC math credit requirements (Geometry, Algebra I and .5 credit of Algebra II) and have a minimum of 4 including math in their final year To graduate, students must complete: <ul style="list-style-type: none"> ✓ A minimum of 4 math or math-related credits including .5 of Algebra II and math in their final year Math and other requirements may be fulfilled through a Career and Technical education curriculum. Additional modifications may be available for students with disabilities.
3 Science Credits (no sequence required) <ul style="list-style-type: none"> • Biology • Chemistry or Physics • 1 additional high school level science credit 	✓ No modification except for students with disabilities
3 Social Studies Credits (no sequence required) <ul style="list-style-type: none"> • .5 Civics • .5 Economics • US History and Geography • World History and Geography 	✓ No modification of Civics ✓ 2 credits must be earned ✓ Modified only if student takes additional credit(s) beyond the required credits in English Language Arts, Math, Science, or World Languages
1 Physical Education and Health Credit <ul style="list-style-type: none"> • How this credit is offered is a local district decision 	✓ Modification allowed only if student takes additional credit(s) beyond the required credits in English Language Arts, Math, Science, or World Languages
1 Applied Arts Credit	✓ Modification allowed only if student takes additional credit(s) beyond the required credits in English Language Arts, Math, Science, or World Languages
Online Learning Experience or Credit <ul style="list-style-type: none"> • Online course or learning experience OR • Online experience is incorporated into each of the required credits 	✓ No modification except for students with disabilities
2 World Language Credits <ul style="list-style-type: none"> • Begins with students entering 3rd grade in 2006 • Credits earned in grades 9–12 OR • An equivalent learning experience in grades K-12 	✓ No modification except for students with disabilities

**To find out more about Personal Curriculum, see your counseling office for details.*

CAREER TECHNICAL EDUCATION (CTE) CAREER CENTER

Career Technical Education programs provide students with a great way to explore a variety of careers and potentially earn college credit while in high school.

Students usually begin a two-year program in their junior year; however the length of the program can vary. Most CTE students split their time between high school and either a career in a technical education center or a community college.

Because these programs are aligned to both high school and college courses, CTE offers students a seamless transition between high school, career technical education programs, and college.

- **Qualifications:** All students are eligible to apply.
- **Credit:** Courses can count for high school credit, college credit, or both, depending on the program.
- **Course Costs:** Most or all costs are covered by district.
- **Course Location:** Split time between high school, career center, or community college.
- **Transportation:** Provided by the district to the career center.

EARLY GRADUATION

Northwest High School seniors may request early graduation. As stated in Northwest Board Policy 5464, students may pursue educational goals which include graduation from high school at an earlier date than their designated class. To be approved for early graduation, all of the following criteria must be understood and met:

- Students must meet all graduation obligations including successfully completing all Michigan Merit Curriculum requirements and earning the minimum number of credits for graduation.
- Students interested in participating in college sports must have met NCAA requirements.
- Students will not be eligible for dual enrollment once they stop attending classes at NWHS.
- Students involved in Jackson Area Career Center programs will not be eligible for early graduation due to the necessity of completing the year-long curriculum in order to earn embedded credits and certifications associated with the specific programs.
- Students involved in Advanced Placement courses will not be eligible for early graduation due to the necessity of completing the year-long curriculum in order to prepare for the AP examinations.
- Students granted permission for early graduation cannot participate in any school sponsored sport, club, or related activity for the term they are released from the high school curriculum.
- Students granted permission for early graduation may participate in prom, senior honors convocation, graduation practice, baccalaureate, commencement, and Project Graduation.

Application Guidelines

- The student must have an approved post-graduation plan in order to be considered for early graduation; i.e., beginning a post-secondary program, a full-time job commitment, enlistment into the armed forces.
- The student must have a conference with his/her counselor by the first trimester midterm date and submit a formal application at that time. Incomplete applications will not be considered.
- The application will be reviewed by the principal and senior counselor and a decision will be made within 30 days of the submission date. If the application is not approved, the principal or senior counselor will give a written explanation to the student.
- It is understood that if the required credits cannot be scheduled as needed or if the student fails to earn the credits necessary, the student will not be able to graduate early.

A GUIDE FOR COLLEGE-BOUND STUDENT ATHLETES AND THEIR PARENTS

KNOW THE RULES:

Core Courses

- NCAA Division I requires 16 core courses as of August 1, 2008. This rule applies to any student first entering any Division I college or university on or after August 1, 2008. See the chart below for the breakdown of this 16 core course requirement.
- NCAA Division II requires 14 core courses. See the breakdown of core-course requirements below. Please note; Division II will require 16 core courses beginning August 1, 2013.

Test Scores

- Division I has a sliding scale for test score and grade-point average. The sliding scale for those requirements is shown on page two of this sheet.
- Division II has a minimum SAT score requirement of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes only the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a sum of the four sections on the ACT: English, mathematics, reading and science.
- All SAT and ACT scores must be reported directly to the NCAA Eligibility Center by the testing agency. Test scores that appear on transcripts will not be used. When registering for the SAT or ACT, use the Eligibility Center code of 9999 to make sure the score is reported to the Eligibility Center.

Grade-Point Average

- Only core courses are used in the calculation of the grade-point average.
- Be sure to look at your high school's list of NCAA-approved core courses on the Eligibility Center's Web site to make certain that courses being taken have been approved as core courses. The Web site is www.ncaaclearinghouse.net
- Division I grade-point-average requirements are listed on page two of this sheet.
- The Division II grade-point-average requirement is a minimum of 2.000.

PLEASE NOTE:

Beginning August 1, 2013, students planning to attend an NCAA Division II institution will be required to complete 16 core courses.

Send your student-athletes' six-semester transcripts to the Eligibility Center in Indianapolis. Also, please remember that the Eligibility Center cannot accept faxed transcripts.

Via U.S. Mail:

NCAA Eligibility Center
Certification Processing
P.O. Box 7136
Indianapolis, Indiana 46207-7136

DIVISION I

16 Core-Course Rule

16 Core Courses:

- 4 years of English.
- 3 years of mathematics (Algebra I or higher).
- 2 years of natural/physical science (1 year of lab if offered by high school).
- 1 year of additional English, mathematics or natural/physical science.
- 2 years of social science.
- 4 years of additional courses (from any area above, foreign language or non-doctrinal religion/philosophy).

DIVISION II

14 Core-Course Rule

14 Core Courses:

- 3 years of English.
- 2 years of mathematics (Algebra I or higher).
- 2 years of natural/physical science (1 year of lab if offered by high school).
- 2 years of additional English, mathematics or natural/physical science.
- 2 years of social science.
- 3 years of additional courses (from any area above, foreign language or non-doctrinal religion/philosophy).

EXPLORE – 8TH GRADE ASSESSMENT

Components

EXPLORE[®] is administered to all students during the regular school day during the spring term. EXPLORE is made up of four academic achievement tests and other key components:

Achievement Tests

English	40 items	30 minutes
Mathematics	30 items	30 minutes
Reading	30 items	30 minutes
Science	28 items	30 minutes

Additional Components

- **Why Take EXPLORE?**

Provides helpful information about EXPLORE for students and parents, including practical hints for making a successful transition into high school. (Also available in Spanish)

- **[UNIACT Interest Inventory](#)** (72 items)

Helps students explore personally relevant career options.

- **Needs Assessment**

Collects information about students' perceived needs.

- **Plans and Background Information**

Gathers information about students' school coursework plans, educational and career plans after high school, and other relevant information.

The content of the EXPLORE tests is closely tied to that of the achievement tests in [the ACT](#), which is broadly used for college entrance and placement decisions. It is also consistent with the content of ACT's [PLAN](#)[®] program for grade 10. EXPLORE, PLAN and the ACT can be used in combination to focus on meeting academic standards across the entire secondary school core program of studies. The EPAS [College Readiness Standards](#) are a useful tool for supporting instructional improvement.

Activities After Testing

Using Your EXPLORE Results explains the EXPLORE report profile to students and their parents, offering an introduction to ACT's World-of-Work Map, a study skills checklist, and a coursework planner. The booklet is also available in Spanish.

Utilize **Using Your EXPLORE Results** to find helpful post-testing activities. Topics include:

- **Understanding Your EXPLORE Results**—helps families understand and effectively use information provided by EXPLORE
- **Exploring Your Career Possibilities**—shows how to use the results of the UNIACT Interest Inventory to explore careers
- **Coursework Planning**—provides guidelines to help students develop a high school coursework plan based on their EXPLORE test results

PLAN – 9th & 10th GRADE ASSESSMENT

Components

PLAN[®] is designed to be administered during the school day in school-supervised sessions. The PLAN assessment consists of four academic achievement tests and other key components.

Achievement Tests

English	50 items	30 minutes
Mathematics	40 items	40 minutes
Reading	25 items	20 minutes
Science	30 items	25 minutes

These curriculum-based tests cover the skills and knowledge that are commonly taught in the nation's schools and are judged to be important for success in both high school and college. The tests measure what students know and what they are able to do with their knowledge.

Other Components (approximately 65 minutes)

- *Needs Assessment*—collects information about students' perceived needs for help
- *High School Course and Grade Information*—gathers lists of courses completed, currently being taken, or planned for completion before graduation
- [UNIACT Interest Inventory](#)—helps students explore personally relevant career options
- [Educational Opportunity Service \(EOS\)](#)—links students with relevant college and scholarship information at no cost to students based on their PLAN information

The content of the PLAN tests is closely tied to that of the achievement tests in [the ACT](#), which is broadly used for college entrance and placement decisions. Also, it is consistent with the content of ACT's [EXPLORE[®]](#) program for grades 8 and 9. EXPLORE, PLAN and the ACT can be used in combination to focus on meeting academic standards across the entire secondary school core program of studies. The EPAS [College Readiness Standards](#) are a useful tool for supporting instructional improvement.

Activities After Testing

Using Your PLAN Results helps students and parents understand the information on the student's score report. The booklet also includes post-testing activities. Topics include:

- *Using Your PLAN Results*—helps families effectively use information produced by PLAN
- *Your Career Possibilities*—shows how to use the results of the Interest Inventory to explore careers
- *Coursework Planning*—provides guidelines to help students develop a coursework plan for the remaining years of high school based on their PLAN test results and future educational and career plans

MICHIGAN MERIT EXAM (MME)

The Michigan Merit Examination (MME) is a required state assessment for students in grade 11 and eligible students in grade 12 based on Michigan high school standards. It is administered each March, and consists of three components:

- ACT Plus Writing® college entrance examination
- WorkKeys® job skills assessments in reading, mathematics, and "locating information"
- Michigan-developed assessments in mathematics, science, and social studies

http://www.michigan.gov/mde/0,1607,7-140-22709_35150---,00.html

EDUCATIONAL DEVELOPMENT PLANS

An Educational Development Plan (EDP) is an interest based plan which identifies the career and vocational interests of the student. It assists the student in identifying the course or courses of study necessary to achieve the student's post-secondary goals, and will assist in developing an educational plan to be pursued throughout the student's secondary educational career. It is the policy of the Northwest Community School's Board of Education that each student will be provided the opportunity to prepare an EDP in seventh grade and must complete such plan no later than the end of their eighth grade year. Plans will be updated annually.

TYPICAL STUDENT SCHEDULE BY GRADE (Based on 15 classes per year)

9th Grade	10th Grade
<ul style="list-style-type: none"> • Algebra I Essentials & C & D -or- • Geometry A & B & C (if Algebra I was passed in 8th grade) -or- • Advanced Geometry A & B & C (if Advanced Algebra I was passed in 8th grade) • Lit Comp 9 A & B • U.S. History A & B • Biology A & B • Computer Skills • Personal Health • Physical Education • Elective Classes 	<ul style="list-style-type: none"> • Geometry A & B -or- • Algebra 2 A & B -or- • Advanced Algebra 2 A & B & C • American Literature A & B • World History East & West • Chemistry A & B -or- • Physics A & B • Elective Classes
11th Grade	12th Grade
<ul style="list-style-type: none"> • Algebra 2 A & B -or- • Algebra 2 C & D -or- • Upper Level Math Class (Trig/Pre-Calc/Stats) • British Literature A & B • Civics & Economics • *Strategies for Success • Elective Classes 	<ul style="list-style-type: none"> • Algebra 2 C & D -or- • Senior Math Class (Business Math/Accounting/Trig/Pre-Calc/ Stats/AP Calc) • Choose one of the following classes: <ul style="list-style-type: none"> • Senior Reading & Writing A & B • Senior Transitions A & B • AP Literature & Composition A & B & C • Elective Classes

* Northwest High School requirement

***9TH THROUGH 12TH GRADE
COURSE SELECTIONS/DESCRIPTIONS***

9th Grade Course Selection Sheet

Student Name: _____ Parent Signature: _____

Course Descriptions, Pre-requisites, and Academic Award Information can be found at www.nwschools.org
Select Northwest High School under schools and choose Courses under the left tab selections.

Each X indicates 1 trimester of required class. Please select 1 from the P.E. Options by putting an X in front of each, and then flip over to the reverse side to select from the Electives Options as directed. After completing this worksheet you should have a minimum of 15 boxes marked with Xs or Numbers.

CHOICES	REQUIRED COURSES:
X	Lit Comp 9-A
X	Lit Comp 9-B
X	U.S. History-A
X	U.S. History-B
X	Biology-A
X	Biology-B
X	Computer Skills
X	Personal Health

CHOICES	Phys. Ed. Options: Required
	Physical Ed. (co-ed)
	Boys' P.E.
	Girls' P.E.

MATH OPTIONS: Math Teachers Will Assign	
	Algebra Essentials
	Algebra 1-C
	Algebra 1-D
	Adv. Geometry A
	Adv. Geometry B
	Adv. Geometry C
	Geometry A
	Geometry B
	Geometry C

GRADUATION REQUIREMENTS CLASS OF 2017:

ENGLISH	4 Years
MATH	4 Years
SCIENCE	3 Years
SOCIAL STUDIES	3 Years
WORLD LANGUAGE	2 Years
THE ARTS	2 Credits
PHYSICAL EDUCATION	1 Credit
HEALTH	1 Credit
COMPUTER SKILLS	1 Credit

Total Number of Credits Needed to Graduate: 56

Student schedules are computer generated. We cannot honor requests. However, comments may be taken into consideration, so please write your comments in the area provided on the back of this sheet.

**Courses Marked UB and SE Classes will be assigned by your Counselors and Teachers
Please Do Not Write Below this Area (For Office Use Only)**

UPWARD BOUND COURSES: (Assigned)	
	UB Lit Comp 9-A
	UB Lit Comp 9-B
	UB U.S. History-A
	UB U.S. History-B
	UB Biology-A
	UB Biology-B
	UB Spanish 1-A
	UB Spanish 1-B
	Intro to Computers

SPECIAL EDUCATION COURSES: (Assigned)	
	HS Math (Year)
	HS English 10-A
	HS English 10-B
	HS World History-A
	HS World History-B
	HS Biology-A
	HS Biology-B
	CSS/Directed Study
	HS Chemistry

DIRECTIONS FOR SIDE TWO:

Select a minimum of 8 trimesters of elective classes below.
Number from 1 to 8 with 1 being your 1st choice and 8 being your last choice.

CHOICES	ELECTIVE ARTS OPTIONS:
Vocal/Instrumental Music	Concert Band T1
	Concert Band T2
	Concert Band T3
	Wind Ensemble (Audition) T1
	Wind Ensemble (Audition) T2
	Wind Ensemble (Audition) T3
	Jazz Band (Audition) T2
	Jazz Band (Audition) T3
	Cantus Femina (Women's Choir) T1
	Cantus Femina (Women's Choir) T2
	Cantus Femina (Women's Choir) T3
	Men's Choir T1
	Men's Choir T2
	Men's Choir T3
	Serenade (Audition) T1
	Serenade (Audition) T2
	Serenade (Audition) T3
	Vocal Dimension (Audition) T1
Vocal Dimension (Audition) T2	
Vocal Dimension (Audition) T3	
Guitar	
Fine Arts	Art 1 – Drawing
	Art 1 – 2D Media Design
	Art 1 - Sculpture
	Art 2 – Painting **
	Intro to Theater
	Advanced Theater**
Communications	Digital Media
	Intro to Broadcasting
	Journalism (Application) T1
	Journalism (Application) T2
	Journalism (Application) T3
	Yearbook (Application) T1
	Yearbook (Application) T2
Yearbook (Application) T3	
Business	Web Graphics**
	App Development**
	Intro to Business

GENERAL ELECTIVE OPTIONS:	CHOICES
Spanish 1-A	World Lang
Spanish 1-B	
Spanish 2-A**	
Spanish 2-B**	PE/Health Science
Interpersonal Relationships	
Home Skills	
Parenting Issues	
Adv. Phys Ed.**	
Basketball Activities**	Social Studies
Weight Training/Conditioning**	
Female Weight Training/Conditioning**	
Michigan History	ELA
Global Issues	
Amazing Race	
History of American Music	Science
Greek Mythology	
College Bound Literature	Science
Astronomy	
Intro to Engineering Design - A	
Intro to Engineering Design - B	

NOTES OR CONCERNS: _____

Courses marked (Application) require an application be completed and turned in along with this form. Applications for those courses may be picked up in the guidance office.

For music courses marked (Audition) please select the general course such as Concert Band, Cantus Femina, or Men's Choir for now. After auditions in the spring, the high school music directors will assign students to the appropriate classes and those changes will be made.

**Means that the class has a pre-requisite listed in its course description (see website)

CLASSES THAT RUN ARE DEPENDENT ON NUMBER OF REQUESTS, TEACHER AVAILABILITY, AND OTHER FACTORS SUCH AS THE DISTRICT BUDGET AND BOARD APPROVAL.

10th Grade Course Selection Sheet

Student Name: _____

Parent Signature: _____

Course Descriptions, Pre-requisites, and Academic Award Information can be found at www.nwschools.org
Select Northwest High School under schools and choose Courses under the left tab selections.

Each X indicates 1 trimester of required class. Please select 1 from the P.E. Options by putting an X in front of each, and then flip over to the reverse side to select from the Electives Options as directed. After completing this worksheet you should have a minimum of 15 boxes marked with Xs or Numbers.

CHOICES	REQUIRED COURSES:
	Accelerated Am. Lit-A (Approval)
	Accelerated Am. Lit-B (Approval)
X	American Lit-A
X	American Lit-B
X	World History -East
X	World History -West

SCIENCE OPTIONS: (Choose at least one group)	
	Conceptual Chemistry-A
	Conceptual Chemistry-B
	Chemistry-A (Approval)
	Chemistry-B (Approval)
	Conceptual Physics-A
	Conceptual Physics-B
	Physics-A (Approval)
	Physics-B (Approval)

MATH OPTIONS: Math Teachers Will Assign	
	Geometry A
	Geometry B
	Geometry C
	Adv. Algebra 2A
	Adv. Algebra 2B
	Adv. Algebra 2C
	Algebra 2A
	Algebra 2B

GRADUATION REQUIREMENTS CLASS OF 2016:

ENGLISH	4 Years
MATH	4 Years
SCIENCE	3 Years
SOCIAL STUDIES	3 Years
WORLD LANGUAGE	2 Years
THE ARTS	2 Credits
PHYSICAL EDUCATION	1 Credit
HEALTH	1 Credit
COMPUTER SKILLS	1 Credit

Total Number of Credits Needed to Graduate: 56

Credit Recovery Options (May be Assigned)		High School Required Courses
Lit Comp 9-A		
Lit Comp 9-B		
U.S. History-A		
U.S. History-B		
Biology-A		
Biology-B		
Computer Skills		
Personal Health		
Physical Education		
Geometry A		
Geometry B		
Geometry C		
Algebra 1-C		
Algebra 1-D		

**Courses Marked UB and SE Classes will be assigned by your Counselors and Teachers
Please Do Not Write Below this Area (For Office Use Only)**

UPWARD BOUND COURSES: (Assigned)	
	UB American Lit-A
	UB American Lit-B
	UB World History -East
	UB World History -West
	UB Conceptual Chemistry-A
	UB Conceptual Chemistry -B
	UB Conceptual Physics-A
	UB Conceptual Physics -B
	UB Spanish 1-A
	UB Spanish 1-B
	UB Bio A
	UB Bio B
	UB Geometry A-3
	UB Geometry B-3
	UB Geometry C-3

SPECIAL EDUCATION COURSES: (Assigned)	
	HS Math (Year)
	HS English 10-A
	HS English 10-B
	HS World History-A
	HS World History-B
	HS Biology-A
	HS Biology-B
	HS Economics
	HS Chemistry
	CSS/Directed Study

DIRECTIONS FOR SIDE TWO:

**Select a minimum of 10 trimesters of elective classes below.
Number from 1 to 10 with 1 being your 1st choice and 10 being your last choice.**

CHOICES		ELECTIVE ARTS OPTIONS:	GENERAL ELECTIVE OPTIONS:	CHOICES	
Vocal/Instrumental Music		Concert Band T1	Spanish 1-A	World Lang.	
		Concert Band T2	Spanish 1-B		
		Concert Band T3	Spanish 2-A**		PE/Health Science
		Wind Ensemble (Audition) T1	Spanish 2-B**		
		Wind Ensemble (Audition) T2	Spanish 3-A**		
		Wind Ensemble (Audition) T3	Spanish 3-B**		Social Studies
		Jazz Band (Audition) T1	Interpersonal Relationships		
		Jazz Band (Audition) T2	Home Skills		
		Jazz Band (Audition) T3	Parenting Issues		
		Cantus Femina (Women's Choir) T1	Adv. Phys Ed.**		
		Cantus Femina (Women's Choir) T2	Basketball Activities**		
		Cantus Femina (Women's Choir) T3	Weight Training/Conditioning**	ELA	
		Men's Choir T1	Female Weight Training/Conditioning**		
		Men's Choir T2	Michigan History		
		Men's Choir T3	Global Issues		
		Serenade (Audition) T1	Amazing Race		
		Serenade (Audition) T2	History of American Music		Science
		Serenade (Audition) T3	Developmental Psychology		
		Vocal Dimension (Audition) T1	Greek Mythology		
		Vocal Dimension (Audition) T2	College Bound Literature		
		Vocal Dimension (Audition) T3	Astronomy		
	Guitar	Ecology			
Fine Arts		Art 1 – Drawing	Horticulture	Science	
		Art 1 – 2D Design	Intro to Engineering Design - A		
		Art 1 – Sculpture	Intro to Engineering Design - B		
		Art 2 – Painting**	Principles of Engineering-A**		
		Art 3 – Artists in Residence**	Principles of Engineering-B**		
		Intro to Theater			
		Advanced Theater**			
Communications		Digital Media			
		Intro to Broadcasting			
		Journalism (Application) T1			
		Journalism (Application) T2			
		Journalism (Application) T3			
		Yearbook (Application) T1			
		Yearbook (Application) T2			
Business		Yearbook (Application) T3			
		Web Graphics**			
		App Development**			
	Intro to Business				

11th Grade Requirement Options: (Approval Needed)	
British Lit – A	
British Lit – B	
Civics	
Economics	

****Means that the class has a pre-requisite listed in its course description (see website)**

NOT ALL CLASSES LISTED WILL ACTUALLY RUN DEPENDENT ON NUMBER OF REQUESTS, TEACHER AVAILABILITY, AND OTHER FACTORS SUCH AS THE DISTRICT BUDGET AND BOARD APPROVAL.

Student schedules are computer generated. We cannot honor requests. However, comments may be taken into consideration, so please write your comments in the area provided below.

NOTES OR CONCERNS: _____

11th Grade Course Selection Sheet

Student Name: _____

Parent Signature: _____

Course Descriptions, Pre-requisites, and Academic Award Information can be found at www.nwschools.org
Select Northwest High School under schools and choose Courses under the left tab selections.

Each X indicates 1 trimester of required class. Please put an X in front of 2 or 3 Math Options & 2 Science Options if you still need your chemistry or physics requirement or if you want to take additional science classes for college preparation. After completing this worksheet you should have a minimum of 15 boxes marked with Xs or Numbers.

CHOICES	REQUIRED COURSES:
	Accelerated Brit Lit-A (Approval)
	Accelerated Brit Lit-B (Approval)
X	British Lit-A
X	British Lit-B
X	Civics
X	Economics
X	Strategies for Success

SCIENCE OPTIONS:	
	Conceptual Chemistry-A
	Conceptual Chemistry-B
	Conceptual Physics-A
	Conceptual Physics-B
	Chemistry-A
	Chemistry-B
	Physics-A
	Physics-B

MATH OPTIONS: Math Teachers Will Recommend	
	Geometry A
	Geometry B
	Geometry C
	Algebra 2A
	Algebra 2B
	Algebra 2C
	Algebra 2D
	Consumers Math-A
	Consumers Math-B
	Trigonometry-A
	Trigonometry-B
	Pre-Calculus-A**
	Pre-Calculus-B**
	Statistics-A
	Statistics-B

Credit Recovery Options (May be Assigned)	
High School Required Courses	American Lit-A
	American Lit-B
	World History-East
	World History-West
	Biology-A
	Biology-B
	Computer Skills
	Personal Health
	Physical Education
	Geometry A
	Geometry B
	Geometry C

GRADUATION REQUIREMENTS CLASS OF 2015:

ENGLISH	4 Years
MATH	4 Years
SCIENCE	3 Years
SOCIAL STUDIES	3 Years
THE ARTS	2 Credits
PHYSICAL EDUCATION	1 Credit
HEALTH	1 Credit
COMPUTER SKILLS	1 Credit

WORLD LANGUAGE - Not required, but recommended for admission to most four year colleges.

Total Number of Credits Needed to Graduate: 56

Write your 1st & 2nd Choices below if you wish to attend the Career Center and circle the AM or PM Session: (Juniors typically attend PM JACC)				
#1		AM	PM	JACC
#2		AM	PM	

**Courses Marked UB and SE Classes will be assigned by your Counselors and Teachers.
Please Do Not Write Below this Area (For Office Use Only)**

UPWARD BOUND COURSES: (Assigned)	
	UB British Lit-A
	UB British Lit-B
	UB World History -East
	UB World History -West
	UB Economics
	UB Civics
	UB Spanish 1-A
	UB Spanish 1-B

SPECIAL EDUCATION COURSES: (Assigned)	
	HS Math (Year)
	HS English 12-A
	HS English 12-B
	HS World History-A
	HS World History-B
	HS Biology-A
	HS Biology-B
	HS Economics
	HS Chemistry
	CSS/Directed Study

DIRECTIONS FOR SIDE TWO:

**Select a minimum of 10 trimesters of elective classes below.
Number from 1 to 10 with 1 being your 1st choice and 10 being your last choice.**

CHOICES		ELECTIVE ARTS OPTIONS:	GENERAL ELECTIVE OPTIONS:	CHOICES	
Vocal/Instrumental Music		Concert Band T1	Spanish 1-A	World Languages	
		Concert Band T2	Spanish 1-B		
		Concert Band T3	Spanish 2-A**		
		Wind Ensemble (Audition) T1	Spanish 2-B**		
		Wind Ensemble (Audition) T2	Spanish 3-A**		
		Wind Ensemble (Audition) T3	Spanish 3-B**		
		Jazz Band (Audition) T2	Spanish 4/5-A**		
		Jazz Band (Audition) T3	Spanish 4/5-B**		
		Cantus Femina (Women's Choir) T1	Home Skills		PE/Health Science
		Cantus Femina (Women's Choir) T2	Parenting Issues		
		Cantus Femina (Women's Choir) T3	Interpersonal Relationships		
		Men's Choir T1	Adv. Phys Ed.**		
		Men's Choir T2	Basketball Activities**		
		Men's Choir T3	Weight Training/Conditioning**		
		Serenade (Audition) T1	Female Weight Training/Conditioning**		
	Serenade (Audition) T2	Michigan History			
	Serenade (Audition) T3	Global Issues			
	Vocal Dimension (Audition) T1	Amazing Race	Social Studies		
	Vocal Dimension (Audition) T2	History of American Music			
	Vocal Dimension (Audition) T3	Developmental Psychology			
	Guitar	AP Psychology T1**			
Fine Arts		Art 1 – Drawing		AP Psychology T2**	
		Art 1 – 2D Media Design		AP Psychology T3**	
		Art 1 – Sculpture		Greek Mythology	
		Art 2 – Painting**		AP US History T1**	
		Art 3 – Artists in Residence**		AP US History T2**	
		Intro to Theater		AP US History T3**	
Communications		Advanced Theater**	College Bound Literature	ELA	
		Digital Media	Astronomy		
		Intro to Broadcasting	Ecology		
		Journalism (Application) T1	Horticulture	Science	
		Journalism (Application) T2	Human Anatomy & Physiology T1**		
		Journalism (Application) T3	Human Anatomy & Physiology T2**		
		Yearbook (Application) T1	Human Anatomy & Physiology T3**		
		Yearbook (Application) T2	Intro to Organic Chemistry**		
		Yearbook (Application) T3	Advanced Inorganic Chemistry**		
	Business		Web Graphics**		AP Physics T1**
		App Development**	AP Physics T2**		
		Intro to Business	AP Physics T3**		
		Accounting 1	Intro to Engineering Design - A		
		Advanced Accounting – A**	Intro to Engineering Design - B		
		Advanced Accounting – B**	Principles of Engineering-A**		
		Personal Finance	Principles of Engineering-B**		
			Teaching Academy 1 (Application) T1	EDU	
			Teaching Academy 1(Application) T2		
			Teaching Academy 1 (Application) T3		

Student schedules are computer generated. We cannot honor requests. However, comments may be taken into consideration, so please write your comments in the area provided below.

NOTES OR CONCERNS: _____

****Means that the class has a pre-requisite listed in its course description (see website)**

CLASSES THAT RUN ARE DEPENDENT ON NUMBER OF REQUESTS, TEACHER AVAILABILITY, AND OTHER FACTORS SUCH AS THE DISTRICT BUDGET AND BOARD APPROVAL.

12th Grade Course Selection Sheet

Student Name: _____ Parent Signature: _____

Course Descriptions, Pre-requisites, and Academic Award Information can be found at www.nwschools.org
 Select Northwest High School under schools and choose Courses under the left tab selections.

Please put an X in front of 2 English Options, 2 Math Options, and 2 Science Options (if still needed). After completing this worksheet you should have a minimum of 15 boxes marked with Xs or Numbers.

ENGLISH OPTIONS: (Required)	
	AP Lit & Comp (Approval) T1
	AP Lit & Comp (Approval) T2
	AP Lit & Comp (Approval) T3
	Senior Reading & Writing-A
	Senior Reading & Writing-B
	Senior Transitions-A
	Senior Transitions-B

MATH OPTIONS: Math Teachers Will Recommend	
	Algebra 2A
	Algebra 2B
	Algebra 2C
	Algebra 2D
	AP Calculus (Approval) T1**
	AP Calculus (Approval) T2**
	AP Calculus (Approval) T3**
	Pre-Calculus-A**
	Pre-Calculus-B**
	Statistics-A
	Statistics-B
	Trigonometry-A
	Trigonometry-B
	Consumers Math-A
	Consumers Math-B
	Personal Finance
	Accounting 1
	Advanced Accounting-A**
	Advanced Accounting-B**

SCIENCE OPTIONS:	
	Conceptual Chemistry-A
	Conceptual Chemistry-B
	Conceptual Physics-A
	Conceptual Physics-B
	Chemistry-A
	Chemistry-B
	Physics-A
	Physics-B

Credit Recovery Options (May be Assigned)	
	British Lit-A
	British Lit-B
	Civics
	Economics
	Computer Skills
	Personal Health
	Physical Education
	Algebra 2A
	Algebra 2B

GRADUATION REQUIREMENTS CLASS OF 2014:

ENGLISH	4 Years
MATH	4 Years
SCIENCE	3 Years
SOCIAL STUDIES	3 Years
THE ARTS	2 Credits
PHYSICAL EDUCATION	1 Credit
HEALTH	1 Credit
WORLD LANGUAGE - Not required, but recommended for admission to most four year colleges.	
Total Number of Credits Needed to Graduate: 56	

Write your 1st & 2nd Choices below if you wish to attend the Career Center and circle the AM or PM Session: (Seniors typically take AM JACC)				JACC
#1		AM	PM	
#2		AM	PM	

Dual Enrollment:
 Please check the box if you are interested in dual enrolling.
 Students dual enrolling must meet requirements.
 Applications available in HS Guidance Office.

CLASSES THAT RUN ARE DEPENDENT ON NUMBER OF REQUESTS, TEACHER AVAILABILITY, AND OTHER FACTORS SUCH AS BOARD APPROVAL.

**Courses Marked UB and SE Classes will be assigned by your Counselors and Teachers.
 Please Do Not Write Below this Area (For Office Use Only)**

UPWARD BOUND COURSES: (Assigned)	
	UB Senior Transitions-A
	UB Senior Transitions-B
	UB Economics
SPECIAL EDUCATION COURSES: (Assigned)	
	HS Math (Year)
	HS English 12-A
	HS English 12-B
	HS Biology-A
	HS Biology-B
	HS Economics
	HS Chemistry
	CSS/Directed Study

DIRECTIONS FOR SIDE TWO:

Select a minimum of 12 trimesters of elective classes below.

Number from 1 to 12 with 1 being your 1st choice and 12 being your last choice.

CHOICES		ELECTIVE ARTS OPTIONS:	GENERAL ELECTIVE OPTIONS:	CHOICES
Vocal/Instrumental Music		Concert Band T1	Spanish 1-A	World Languages
		Concert Band T2	Spanish 1-B	
		Concert Band T3	Spanish 2-A**	
		Wind Ensemble (Audition) T1	Spanish 2-B**	
		Wind Ensemble (Audition) T2	Spanish 3-A**	
		Wind Ensemble (Audition) T3	Spanish 3-B**	
		Jazz Band (Audition) T2	Spanish 4/5-A**	PE/ Consumer Science
		Jazz Band (Audition) T3	Spanish 4/5-B**	
		Cantus Femina (Women's Choir) T1	Parenting Issues	
		Cantus Femina (Women's Choir) T2	Home Skills	
		Cantus Femina (Women's Choir) T3	Interpersonal Relationships	
		Men's Choir T1	Adv. Phys Ed.**	
		Men's Choir T2	Basketball Activities**	Social Studies
		Men's Choir T3	Weight Training/Conditioning**	
		Serenade (Audition) T1	Female Weight Training/Conditioning**	
		Serenade (Audition) T2	Michigan History	
		Serenade (Audition) T3	Global Issues	
		Vocal Dimension (Audition) T1	Amazing Race	
Fine Arts		Vocal Dimension (Audition) T2	History of American Music	Social Studies
		Vocal Dimension (Audition) T3	Developmental Psychology	
		Guitar	AP Psychology T1**	
		Art 1 – Drawing	AP Psychology T2**	
		Art 1 – 2D Media Design	AP Psychology T3**	
		Art 1 - Sculpture	AP US History T1**	
		Art 2 – Tricks & Tools of the Trade**	AP US History T2**	
Communications		Art 3 – Artists in Residence**	AP US History T3**	ELA
		Intro to Theater	Greek Mythology	
		Advanced Theater**	College Bound Literature	
		Digital Media	Ecology	
		Intro to Broadcasting	Astronomy	
		Journalism (Application) T1	Horticulture	
		Journalism (Application) T2	Human Anatomy & Physiology T1**	
Business		Journalism (Application) T3	Human Anatomy & Physiology T2**	Science
		Yearbook (Application) T1	Human Anatomy & Physiology T3**	
		Yearbook (Application) T2	Intro to Organic Chemistry**	
		Yearbook (Application) T3	Advanced Inorganic Chemistry**	
		Web Graphics**	AP Physics T1**	
		App Development**	AP Physics T2**	
		Intro to Business	AP Physics T3**	
		Accounting 1	Intro to Engineering Design – A	
		Advanced Accounting – A**	Intro to Engineering Design – B	
		Advanced Accounting – B**	Principles of Engineering – A**	
		Personal Finance	Principles of Engineering – B**	
			Teaching Academy 1 (Application) T1	
		Teaching Academy 1 (Application) T2		
		Teaching Academy 1 (Application) T3		
		Teaching Academy 2 (Application) T1**		
		Teaching Academy 2 (Application) T2**		
		Teaching Academy 2 (Application) T3**		
<p>Student schedules are computer generated. We cannot honor requests. However, comments may be taken into consideration, so please write your comments in the area provided below.</p>				
<p>NOTES OR CONCERNS: _____</p>				
<p>_____</p>				
<p>_____</p>				
			<p>**Means that the class has a pre-requisite listed in its course description (see website)</p>	

COURSE DESCRIPTIONS

ART

Art 1- Drawing - Grades 9,10,11,12 (1 Trimester)

Being able to draw what you see in front of you or in your mind's eye is an essential skill for any creative person. The class is for students of all levels from beginner to advanced abilities. Students will learn basic drawing fundamentals using the textbook, *Drawing on the Right Side of the Brain* by Betty Edwards.

Art 1- 2D Media Design - Grades 9,10,11,12 (1 Trimester)

Students will learn the Principles and Elements of Design that are used in design industry worldwide. As students learn about each principle or element they will create an example of it in different mediums to be bound together in a book.

Art 1- Sculpture - Grades 9,10,11,12 (1 Trimester)

Welcome to the third dimension! Do you like to work with your hands? In Sculpture class students will create clay vessels, sculptures, and figurines. We also explore other types of sculptures such as mobiles and stabiles. Master artists will be studied.

Art 2 - Painting (10, 11, 12) (1 Trimester)

Pre-Requisite - A student may take any or all of the Art 1 combinations in a given year with a B- or better. You must take at least two trimesters before moving on to Art 2.

Based on training received in Art 1 students will explore various art mediums such as painting, ink and cut paper while learning the fundamentals of color using Betty Edward's book entitled, *Color Theory*. Students will learn about color encoding to create 3-D effects when using 3-D glasses.

Art 3 - Artists in Residence (Grades 11, 12)

Building upon what students have learned in Art 1 and Art 2 students will explore different styles of Art. Using the knowledge gained, students will begin to develop their own style through various drawing, painting, sculpting and design challenges. A digital portfolio will be created towards the end of the course that can be used for college admission.

Pre-requisite: A "B-" or better in Art 1 and Art 2

BUSINESS

Computer Skills: Career Exploration (9) (1 Trimester)

This is a required freshman class that will enhance students' abilities to use computer programs and technology while completing their high school education. The class will include advanced concepts in Word, PowerPoint, Excel, Internet research and integration of these programs to develop high quality student presentations. It will place an emphasis on not only exploring several careers, but also on learning about the necessary skills, education, experience and training to be SUCCESSFUL in specific careers. Activities in this class include assessments of individual skills and interests, guest speakers, meeting people in different careers, and internet-based research. This class is required for all freshmen.

Introduction to Business (9, 10, 11, 12) (1 Trimester)

Introduction to Business is the introductory business course that provides the framework for future business courses. This core course acquaints students with the five major functions of business, entrepreneurship, and business careers. The application and importance of business etiquette and ethics will be

introduced. Instructional strategies will include computer and technology applications, simulations, projects, teacher demonstrations, and creation of a business plan as the final course project.

Personal Finance (9, 10, 11, 12) (1 Trimester)

This class will expose students to personal financial management and budgeting strategies. This will include research and investment strategies, discussions on credit and interest, and other financial matters.

Accounting 1 (10, 11, 12) (1 Trimester)

This exciting course will introduce the basic concepts of accounting starting with the paper and pencil method of teaching accounting and leading to working with an interactive computerized accounting program in Accounting II. The basic accounting cycle is learned first leading to learning to use the Peachtree Accounting program used by many businesses today. Students will have a working knowledge of accounting procedures for businesses and some experience on Peachtree accounting at the completion of the course. Accounting does count toward required Michigan Merit math credits for graduation. Completion of 3 terms of accounting does count for articulated credit with Jackson Community College and will be considered for credit at Baker College with a grade of B or better! ***Pre-requisite: Must have successfully completed Computer Skills I. Instructor prior approval required if in 10th grade.***

Advanced Accounting A (10, 11, 12) (1 Trimester)

Accounting 2 picks up from the paper and pencil method of teaching accounting, uses an interactive computerized accounting program (Peachtree), and will progress to more advanced accounting features, and "real world" applications of accounting in businesses. The basic accounting cycle is learned while using the Peachtree Accounting program used by many businesses today. Students will have a working knowledge of accounting procedures for businesses and Peachtree accounting at the completion of the course. Accounting does count toward required Michigan Merit math credits for graduation. Completion of 3 terms of accounting does count for articulated credit with Jackson Community College and will be considered for credit at Baker College with a grade of B or better! ***Pre-requisite: Must have successfully completed Computer Skills 1 and ACC1. Instructor prior approval required if in 10th grade.***

Advanced Accounting B (10, 11, 12) (1 Trimester)

This course will address payroll accounting as well as accounting for a merchandising corporation. Financial statements, inventory and cash flow will be addressed, as well as accounting for partnerships. Accounting does count toward required Michigan Merit math credits for graduation. Completion of 3 terms of accounting does count for articulated credit with Jackson Community College and will be considered for credit at Baker College with a grade of B or better! ***Pre-requisite: Must have successfully completed Computer Skills 1, ACC1, and ACC 2. Instructor prior approval required if in 10th grade.***

Web Graphics (10, 11, 12) (1 Trimester)

In this course students will work with professional image editing software. An emphasis will be placed on creating images for web pages. Creating images for print and multi-media productions will also be covered. During the 12 week course students will work with Adobe Photoshop, Fireworks, Illustrator, and various open source image editing software.

Mobile Application Development (10, 11, 12) (1 Trimester)

In this 12 week course students will learn to write apps for cell phones. The course will introduce object oriented computer programming to students. After programming basics are covered students will then learn the process for creation of mobile applications. By the end of the term students will create custom applications that can be installed on their own mobile devices. This class will focus on the creation of applications for the Android operating system. ***Pre-requisite: Must have successfully completed Computer Skills 1***

Communication Arts

Digital Media (9, 10, 11, 12) (1 Trimester)

This is an elective course available to all 9-12 grade students. Students are introduced to a variety of forms of digital media. Students will learn photography, digital storytelling, various digital software, media ethics and laws, terminology and basic video and photojournalism techniques. All assignments will be based on photo requirements, digital presentations and designs with specific rubrics.

Introduction to Broadcasting (9, 10, 11, 12) (1 Trimester)

This is an elective course available to all 9-12 grade students. Students are introduced to a variety of forms of broadcast media, software and equipment. Students will learn journalism basics, interviewing, reporting and researching techniques. Students will be introduced to media ethics and laws, terminology and basic video and broadcast journalism techniques. Assignments will be based on broadcast requirements and include video feature story presentations with specific rubrics.

Journalism (9, 10, 11, 12) (3 Trimesters)

Students wishing to be members of the newspaper staff must apply with the advisor and be accepted the spring prior. Journalism is designed for students interested in newspaper writing and layout design. Students will write news, features, editorials, and sports stories. They will also be involved in the writing and production of the Northwest High School student newspaper. They will study press law, ethics, Adobe InDesign and Photoshop software, and participate in state journalism competitions. In addition to editors and writers, there is a need for a photographer, a cartoonist and business manager.

Pre-requisite:

*A "B" or better in English and teacher approval.

Intro to Theater (9, 10, 11, 12) (1 Trimester)

The Intro to Theater class is an elective course that will work with students on the basics of acting. Topics like blocking, movement, voice, and etc. will be covered. At the end of the term students will perform for an audience.

There is no prerequisite for this class and students in grades 9 – 12 are welcome.

Advanced Theater (10, 11, 12) (1 Trimester)

This class will add to what was learned in the Intro to Theater class. It will allow students who are serious about the art of acting to take the next step in performing. The majority of the class will be spent on character and scene development. They will learn and perform scenes that require a variety of emotions and characters. Pre-requisites: Intro to Theater or HS play and permission from the teacher.

Yearbook (9, 10, 11, 12) (3 Trimesters)

Yearbook is a journalism-based course designed around the creation of the school's yearbook. It is the job of all class members to take pictures, sell ads, write copy, organize the design and layouts, and write headlines and captions, etc. – in other words, students are responsible for all aspects of the organization and presentation of each year's worth of memories.

Special Notes:

- Acceptance to this class is by application ONLY.
- This class **REQUIRES** that students make after-school commitments to cover stories, take pictures, complete deadlines, etc. **DO NOT TAKE THIS CLASS IF YOU ARE UNWILLING OR UNABLE TO MAKE THIS KIND OF COMMITMENT.**
- Students **MUST** use computers to complete layouts in this class. If you should lose your computer privileges for any reason, you may receive a failing grade.
- Students should be aware of their professionalism at all times. Students on the yearbook staff consistently deal with the public (photography and interview assignments, ad sales, etc.). Students who display unprofessional behavior may receive a failing grade in this class.

ENGLISH

Accelerated American Literature A & B (10) (2 Trimesters)

(See American Literature 10 for course description.)

Accelerated students will learn the American literature curriculum at a faster pace with greater depth and understanding. Expectations will be high with additional vocabulary, writing, projects and reading. Two additional novels will also be completed.

Pre-requisite: **Students are required to fill out an application and obtain teacher approval.*

Accelerated British Literature A & B (11) (2 Trimesters)

This accelerated course is class recommended for advanced and college preparatory students and students who would like to take the AP course as seniors. Students will be challenged to reach beyond their academic comfort zone in an effort to best prepare them for their next level of learning. Emphasis will be placed on reading, writing about, and critically responding to different genres of literature. Students will write multiple papers where they are required to analyze literary works and social issues as well as write one major research paper. **Electronic submissions are required for all final drafts if credit is to be earned.**

Students will follow the common curriculum – as established by the British Literature curriculum – as well as work at an expedited pace through additional texts, writing prompts, and reading activities. Students will complete a minimum of two reading reductions per trimester – based on the readings selected from the AP reading list.

Students falling below an 80% at the end of the first trimester may be removed from the course.

Enrollment in Accelerated British Literature does not result in an automatic placement into AP Literature & Composition.

Pre-requisite: **Students must meet AP course criteria, have satisfactory EXPLORE / PLAN results, and have teacher approval.*

Accelerated Literature & Composition 9 A & B (2 Trimesters)

(See Literature and Composition 9 for course description, plus additional information provided below.)

This course is required of ninth grade students who desire a deeper knowledge of literature / composition and have proven – through numerous criteria – that they are capable of such. Students will be required to complete the assigned MME curriculum of all ninth grade students while advancing through the process with additional practice and advanced pacing.

Pre-requisites: **Candidates will be nominated by 8th grade Language Arts Teachers and will then be required to fill out an application and obtain high school teacher approval.*

*Candidates must score a **minimum** of a 20 on **either** the EXPLORE Reading **or** English portion to be considered for course.

*Candidates must score a 1 on the 8th Grade Reading / MEAP Performance.

American Literature A & B (10) (2 Trimesters)

This course is required for all tenth grade students. The purpose of this course is to familiarize students with some major authors and movements of American literature from the pre-colonial times to the present. Students will learn how history has shaped American literature and how it reflects the human experience of the time. Students will explore many aspects of American literature-fiction, non-fiction, poetry, media, art, drama, and speech. Students will also learn writing techniques, vocabulary, and the rules of proper grammar usage. Therefore, students will be required to utilize the writing process with depth, clarity, reflection, and practice. The course will focus on the 6-Traits + 1 of writing, and will contain two major formats for students to illustrate growth. These formats will include persuasive and compare and contrast essays, as well as descriptive and reflective writing assignments. Choice reading will also be utilized by using Scholastic Reading technologies, with an emphasis on American literature reading selections.

Advanced Placement Literature and Composition A, B, C (12) (3 trimesters)

AP Literature is a class designed to prepare students for college and offers the ability to receive possible college credit by taking the AP test at the end of the school year. The official description of AP Literature and Composition Course, taken from the AP College Board is as follows:

The AP Literature and Composition Course engages students in careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style, and themes as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone.

Pre-requisite: *Students are required to fill out an application form and must have teacher approval. It is recommended that students take mythology prior to or in conjunction with this course.

British Literature A & B (11) (2 Trimesters)

The purpose of this course is to familiarize students with the major authors and movements of English literature from the Anglo-Saxon times to the present. Students will learn how history has shaped English literature and how it reflects the human experience of the time. They will also learn writing techniques, vocabulary, and the rules of proper grammar usage. We will explore many aspects of English literature-fiction, non-fiction, poetry, media, art, drama, the novel and speech. The class includes discussion, lecture, group work, projects, a research paper, and presentations.

College Prep Literature (10, 11, 12 or 9th with high school teacher approval) (1 Trimester)

In this NEW elective course, college bound students will be exposed to additional literature above and beyond their required coursework. This will include higher-level reading, writing, and analysis of these texts. The class will be centered on these texts and may include discussions, group work, and projects. Literature will include classic or modern texts of literary merit.

Greek Mythology (10, 11, 12) (1 Trimester)

Mythology is an elective course designed to explore the origins of mythology, their importance to past cultures, and their relevance to modern society. Material will focus on Greek mythology and its influence on mythology in other regions and countries. Strategies are incorporated for effective learning, stressing all communication skills, (reading, writing, speaking, and listening). Cooperative learning strategies are utilized almost daily! Projects and creativity are the basis for this class. Reading activities will include common "whole class" reads, short stories, literature circles, and individually selected texts. Writing will be expected to demonstrate competency in analysis, synthesis, and application of literary ideas, as they pertain to mythology. Other writing will reflect problem-solving, decision-making, critical thinking, and communication skills.

This course is recommended for students wishing to enroll in AP Literature and Composition.

Literature and Composition 9 A & B (2 Trimesters)

This course is required of all ninth grade students. Literature and Composition 9 is a thematic approach to literature. The major units will center on themes of Identity, Acceptance of Others, Choices and Consequences, and Struggles. All students will be required to utilize the Reading and Writing Workshop through choice reading requirements, journaling, and logs. In addition, all freshmen will be taught to use the writing process to produce responses to the themes covered, including essays, a research paper, presentations, and creative projects. Active classroom participation is essential for this course.

Senior Forum (12) (1 Trimester)

Elective Course for Seniors. Second Term ONLY.

Senior Forum is a class designed to help Northwest students move smoothly from the world of high school to their world after high school (work, school, the military, etc.). Students will be creating resumes, cover letters, reference pages, reflective pieces, professional reflective presentations utilizing current technology, etc. Guest speakers and instructors from throughout the community will present information on careers/post-secondary education plans and opportunities, interviewing, and communication skills as well. Students will be required to

complete their technology-based work, an approved job shadowing and/or community service project, applications, reflective pieces, and final presentation in order to obtain credit in this class.

Senior Reading and Writing / Advanced Composition A & B (12) (2 Trimesters)

Senior Reading and Writing is a class recommended for college preparatory students that focuses on both the reading and writing process. Multiple texts will be read including, but not limited to, *The Great Gatsby*, *Lord of the Flies*, and *Hamlet*. Emphasis will be placed on writing using the 6 Trait process. Major papers will include personal, analytical and literature based papers.

Senior Transitions A & B (12) (2 Trimesters)

Senior Transitions is a class designed to help Northwest students move smoothly from the world of high school to their world after high school (work, school, the military, etc.). Students will be creating hard copy portfolios, resumes, cover letters, etc. Guest speakers and instructors from throughout the community will present information on careers, interviewing, and communication skills as well. Multiple texts will be utilized in this class including; *Seven Habits of Highly Effective Teens*, *Animal Farm*, *Night*, and *A Separate Peace*. Students will be required to complete their portfolio work (hard copy), an approved community service project and/or hours (including written proposal and completed service hours), an I-search paper in order to obtain credit in this class. **This class replaces Senior Reading and Writing / Advanced Composition.**

UB-American Literature A & B (10) (2 Trimesters) (Teacher Recommendation Only)

This course is designed to facilitate concentrated instruction of similar concepts within American Literature to students that struggle in English.

Teacher recommendation qualifies students for this course placement. Much of the coursework is intended to prepare these students for the real world work experience. The writing component will focus on practical pieces incorporating the 6-traits of writing and selected grammatical components that are needed for students entering the work force after high school. **This class replaces American Literature.**

UB-Literature & Composition 9 A & B (2 Trimesters) (Teacher Recommendation Only)

This course is designed to facilitate concentrated instruction of similar concepts within Literature & Composition 9 to students that struggle in fulfilling their English requirements.

Students will experience a thematic approach to literature through in-depth reading, speaking and writing experiences. The major units will center on the themes of: Identity, Appreciating Others, Choices and Consequences, and Struggles. Teachers incorporate strategies for effective learning, stressing all communication skills (reading, writing, speaking, and listening). **Active** participation is essential in this course. Pre-requisite: Recommendation by IEP or staff approval of both English instructor and student counselor.

Students who earn credit for the completion of Literature & Composition 9 course are **not** eligible for enrollment in this course. **This class replaces Literature & Composition 9.**

FAMILY AND CONSUMER SCIENCE

Personal Health (9) (1 Trimester) REQUIRED

This semester course is required for all freshmen. The course explores the dimensions of health. It will stress the importance of good health; not only as teens but emphasizes healthy living throughout life. There will be a focus on physical, emotional, and social health.

Home Skills (9, 10, 11, 12) (1 Trimester)

Basic Principles of kitchen utilization, international cuisine, and career opportunities in food service will be covered. Concepts in entertaining, etiquette, and interior design will also be investigated. Teaching methods include lecture, activities, projects, research assignments, and lab experiences. This class would be a great choice if you have an interest in a career in the Fine Arts Career Pathway. This course is offered only in odd-even school years.

Interpersonal Relationships (9, 10, 11, 12) (1 Trimester)

This course was developed to help individuals make wise personal decisions, establishing wholesome attitudes toward other people. This course will focus adjusting to changes in the environment and preparing for family. Discussions and units of study include personality development, communication techniques, conflict resolution, relationships, dating, and preparation for marriage, marriage adjustment, and family dynamics. Students will learn how to have healthier friendships and personal and professional relationships with their peers and adults. This class is especially appropriate for anyone interested in the Human Services Career Pathway. This course is offered in only odd-even school years.

Parenting Issues (9, 10, 11, 12) (1 Trimester)

This course will examine the physical, emotional, social, and intellectual development of children pre-natal through school-age. This class includes instruction in parent-child relationships and parenting practices; examination of current parenting issues; recognizing the special needs of children; and parental/environmental influences on child development. This course examines issues important to raising healthy children with positive parent-child relationships. This course is DIFFERENT from "Parenting" or "Parenting Today". This course is offered only in odd-even school years.

FOREIGN LANGUAGE

Spanish 1 A&B (2 Trimesters)

Spanish 1 emphasizes the development of fluency in the language especially in the understanding, speaking, reading, and writing using the Teaching Proficiency through Reading and Storytelling. Cultural topics are presented and reviewed. (Criteria for success includes: positive attitude, active participation in classroom activities, and a sincere effort made to use the target language in the classroom.)

Spanish 2 A&B (2 Trimesters)

Spanish 2 further develops competence in speaking and understanding; develops increased reading and writing skills using the Teaching Proficiency through Reading and Storytelling. Cultural topics are presented and reviewed. (Criteria for success includes: positive attitude, active participation in classroom activities, and a sincere effort made to use the target language in the classroom.)

Spanish 3 A&B (2 Trimesters)

Spanish 3 will continue to develop and expand speaking, understanding, reading and writing skills using the Teaching Proficiency through Reading and Storytelling in addition to other resources. Students will also read and write on an individual basis. Cultural topics are presented and reviewed. Pre-requisite: Instructor approval. (Criteria for success includes: positive attitude, active participation in classroom activities, and a sincere effort made to use the target language in the classroom.)

Spanish 4 A&B (2 Trimesters)

Spanish 4 will continue a study of the language, including grammar, literature, conversation, listening, writing, and culture, using a variety of resources. Pre-requisite: Instructor approval. (Criteria for success includes: positive attitude, active participation in classroom activities, and a sincere effort made to use the target language in the classroom.)

Spanish 5 A&B (2 Trimesters)

Spanish 5 will continue a study of the language including grammar, literature, conversation, listening, writing, and culture. A variety of resources will be utilized to further study. Pre-requisite: Instructor approval. (Criteria for success include: positive attitude, active participation in classroom activities, and a sincere effort made to use Spanish in the classroom.)

MATH

A.P. Calculus – A, B, C (3 Trimesters)

Pre-requisite: Pre-Calculus

This course will be a continuation of Pre-Calculus and will include: analytic geometry, exponential and logarithmic functions, limits and continuity, differentiation and application of derivatives, and integration and application of integrals. The objectives and guidelines will meet the objectives set by College Board. Students will be required to take the A.P. exam if they continue with the third trimester.

Algebra Essentials (1 Trimester)

This course covers the essential concepts of Algebra 1 concentrating on the Common Core objectives for linear functions. Students will solve, graph and write linear equations. Students will also solve linear inequalities.

Algebra 1 - B, C, D (3 Trimesters)

This course follows the content of linear functions and linear inequalities. Students will solve linear systems in two variables both graphically and algebraically. Students will apply the properties of exponents and use scientific notation in order to simply and solve equations. Students will write and graph exponential growth and decay functions, simplify polynomial expressions, factor and solve polynomial equations, and graph quadratic equations. Finally, students will graph and solve square root functions, simplify radical expressions and solve radical equations.

Advanced Algebra 2 – A, B, C (3 Trimesters)

Pre-requisite: Algebra 1 (no term grade lower than B-) and teacher recommendation.

This course follows the content of Algebra 1, combining a review with an in-depth study of quadratic functions in order to solve by factoring, completing the square, using the quadratic formula, and by applying the remainder and factor theorems. Students will extend their understanding of quadratic graphs to analyze the graphs of polynomial functions. Students will also solve rational equations, radical equations, and equations with rational exponents. In addition, students will graph absolute value, square root, cube root, exponential, and logarithmic functions. Finally, students will be introduced to both trigonometry and statistics objectives for the Common Core Curriculum to complete the course.

Algebra 2- A, B, C, D (4 Trimesters over 2 years)

Pre-requisite: Algebra 1.

This course includes all the content of Algebra 2, however it is taught in four trimesters allowing for additional time to master difficult concepts of the Common Core Curriculum.

Consumer (Business) Math A&B (11, 12) (2 Trimesters)

- Life & Health Insurance, Commission, Wages
- Banking, Credit & Investments
- Auto, Insurance, Housing

Pre-requisite: Algebra 1 & Geometry

In this course, the student can take any trimester for credit because each trimester will be different. It is a math course designed to review the skills of mathematics as they apply to the world of business, living and everyday life. This course is designed for all students to develop their mathematical abilities to the extent necessary to complete problems in real life situations. Emphasis is placed on such topics as fundamental operations and their use in management, banking, commissions, investments, savings, insurance and taxes.

Advanced Geometry - A, B, C (3 Trimesters)

Pre-requisite: Algebra 1 (no term grade lower than B-) and teacher recommendation.

Geometry explores the shapes in the world around us and relates them to algebra, graphs, constructions, drawings, and measurements. Emphasis throughout is on developing reasoning skills through logic and proofs. Problems refer to a broad range of real-world topics. Tools used are the compass, protractor, and ruler, while calculators are used only during the chapter on trig functions.

Geometry - A, B, C (3 Trimesters)

Pre-requisite: Algebra 1 and Teacher recommendation

This course is designed for those students who need a slower pace and additional practice to increase their retention of topics discussed. Topics in this course will be from the Common Core Curriculum with a focus on developing reasoning skills through logic and proofs. Major topics include triangles and their properties, polygons including quadrilaterals, and parallel lines.

Pre-Calculus – A, B (2 Trimesters)

Pre-requisite: B in Algebra 2 or Trigonometry

This course will give attention to the understanding of concepts and to the refinement of manipulative skills. Some of the topics included will be: Algebra necessary for Calculus, Plane Analytic Geometry, functions and graphs of polynomial, transcendental, and trigonometric functions. The last part of the year will be spent on Trigonometry, and the Calculus topics of limits and derivatives (rates of change).

Trigonometry – A, B (2 Trimesters)

Pre-requisite: Geometry and Algebra 2

Trigonometry is the study of triangles, the most basic geometric form. An informal style is used for explanations and theorems. The emphasis is on trig relationships and functions, identities, and graphs. Each section contains many real-life applications in the areas of construction, geometry, physics and engineering. The graphing calculator is used extensively.

Statistics – A, B (2 Trimesters)

Pre-requisite: Algebra 1, Geometry, Algebra 2

We encounter data and conclusions based on data every day. Statistics provides the methods to help us make sense of the overwhelming amount of information that we have. In this introductory course, we will look at the gathering of data, summarizing and describing it, as well as analyzing and using it for predictive purposes. Emphasis will be on the use of real data. Statistical literacy is important to be informed and to make sound decisions.

UB-Algebra 2 – A, B, C (11, 12) (3 Trimesters)

Pre-requisite: Algebra 1 Basic, Geometry, and/or Teacher recommendation.

See the course description for Algebra 2. This course is designed for those students who need a slower pace and additional practice to increase their retention of the topics discussed.

UB-Geometry - A, B, C (9, 10, 11) (3 Trimesters)

Pre-requisite: Algebra 1 Basic and Teacher recommendation

This course is designed for those students who need a slower pace and additional practice to increase their retention of topics discussed. Topics in this course will be from the Michigan Merit Curriculum with a focus on the power standards for Geometry. Major topics include triangles and their properties, polygons including quadrilaterals, and parallel lines.

MISCELLANEOUS ELECTIVES

Teaching Academy 1 (11, 12) (Application)

This class is for students attending the elementary schools as a pre-teaching experience. The criteria for successful completion of the class includes: Three educational journal article critiques, exit interview with Principal of Parnall Elementary, keeping of weekly log and creation of a bulletin board.

The objective of this class is to offer an experience similar to pre-teaching experiences offered at many colleges and universities. Students must apply for entry into this class and be accepted by the Parnall Elementary Principal.

Teacher Academy 2 (12) (By interview only)

This class is designed to give students a real-life experience of what working with young students will entail. Students will be required to maintain a critical reflection notebook, participate in class activities by assisting and leading the teacher and classroom students, attend required students development trainings.

Pre-requisite:

Complete Teacher Academy 1 successfully

Interview with Mrs. McAlpine and Mr. Buchler

MUSIC

Cantus Femina (Women's Choir) (Beginning/Intermediate level) (9, 10, 11, 12) (3 Trimesters)

This beginning level choir is designed for the soprano and alto who enjoy singing many different types of music in the female chorus setting. The singers will be exposed to good singing methods and music skills development; rehearsals may be held outside the school day. This group will perform for many audiences during the year, and the students are required to participate in the concerts to receive credit for the class. The singers will be encouraged to participate in the Michigan School Vocal Association Solo and Ensemble Festival, and the Regional and State Honors Choir, and they will be required to participate in District and State Choir Festival. An understanding, appreciation and sharing of the art of music is the goal of this vocal ensemble.

NOTE: All choirs are yearlong classes and choir students are expected to stay in choir the entire year. If a choir student decides to drop a choir class before the end of any semester, the teacher reserves the right to issue a failing grade for that semester if, in the opinion of the teacher, circumstances warrant a failing grade.

Concert Band (9, 10, 11, 12) (3 Trimesters)

The concert band will be composed of freshman; students not yet at the proficiency level necessary for the wind ensemble and students not able to participate in the Wind Ensemble because of instrumentation requirements. Members of this band will participate in M.S.B.O.A.-sponsored festivals, marching band, school concerts, and daily rehearsals. Attendance at all scheduled performances is mandatory.

The High School Marching Band will be made up of students from the wind ensemble and concert band.

Student obligations include but are not limited to: practice after school, performances at football games, and other activities after school and on weekends.

Guitar Class (9, 10, 11, 12) (1 Trimester)

The Guitar Class teaches students the basic skills needed to become a lifelong Guitar player. Skills such as music/tab/chord reading, song writing, and Guitar history are included.

Jazz Band (9, 10, 11, 12) (3 Trimesters)

Membership in the jazz band is gained through audition and the approval of the director of bands. Students must be members of the Concert Band or Wind Ensemble or must receive special permission. Special permission will be granted to guitar, bass, or piano players who do not play a conventional band instrument.

The Jazz Band will study the art of improvisation, the history of jazz, and various genres within jazz music.

Members of this band will participate in M.S.B.O.A.-sponsored festivals, school concerts, and many other outside performances. The Jazz Band actively performs throughout not only Jackson County but also the State of Michigan. Attendance at all performances is required.

Men's Choir (Beginning/Intermediate level) (9, 10, 11, 12) (3 Trimesters)

This choir is for male high school musicians who enjoy singing many different types of music. The singers will be exposed to good singing methods and music skills development; rehearsals may be held outside the school day. This group will perform many times during the school year, and the singers will be required to participate to receive credit for the class. The singers will be required to participate in the Michigan School Vocal Association Solo and Ensemble Festival and the District and State Choir Festival. An understanding, appreciation and sharing of the art of music is the goal of this vocal ensemble.

NOTE: All choirs are yearlong classes and choir students are expected to stay in choir the entire year. If a choir student decides to drop a choir class before the end of any semester, the teacher reserves the right to issue a failing grade for that semester if, in the opinion of the teacher, circumstances warrant a failing grade.

Serenade (Advanced Female Ensemble) (10, 11, 12) (3 Trimesters)

Pre-requisite: Audition. Serenade is an advanced level select women's vocal ensemble of approximately 24-40 singers designed for the soprano and alto who enjoy singing many different types of music in the female chorus setting. The singers will be exposed to good singing methods and music skills development.

Rehearsals and performances may be held outside the school day. This vocal ensemble will perform for many audiences during the school year and the singers will be required to participate in these performances to receive credit for the class. The ensemble will participate in the MSVMA Festivals at both the district and state levels. An understanding, appreciation and sharing of the art of vocal music is the goal of this vocal ensemble.

Vocal Dimension (Advanced SATB Choir) (9, 10, 11, and 12) (3 Trimesters)

Pre-requisite: Audition. This choir is a very select, advanced music ensemble of about 34 singers. Admission is through rigorous audition. The group will sing many different kinds of music with the focus being on classical choral music and vocal jazz. There will be many required performances during the year and required after school or evening rehearsals. The group attains a high level of vocal performance through the development of exceptionally talented and interested students. The group will be exposed to good singing methods and music skills and will participate in Michigan School Vocal Association sponsored choirs, festivals and activities. An understanding, appreciation, and sharing of the art of music is the goal of this vocal ensemble. Students must audition each year, and being selected one year does not guarantee selection for subsequent years.

NOTE: All choirs are yearlong classes and choir students are expected to stay in choir the entire year. If a choir student decides to drop a choir class before the end of any semester, the teacher reserves the right to issue a failing grade for that semester if, in the opinion of the teacher, circumstances warrant a failing grade.

Wind Ensemble (10, 11, 12) (3 Trimesters)

The wind ensemble represents the highest level of music performance at Northwest High School, through the utilization of exceptionally talented and interested students. Membership is gained by audition only. Members of this organization will participate in M.S.B.O.A.-sponsored band and orchestra festivals, marching band, school concerts, and daily rehearsals. The size of the wind ensemble will be governed by the instrumentation selected by the director.

Before students register for band, each student will audition to determine which group he/she should be placed. After the audition, students will be notified as to their assigned group.

Membership in any of the bands is dependent upon continuous growth and development of musical skills necessary to perform the assigned literature. Growth and development in either a positive or negative direction can constitute a necessity to reschedule a student into any of the instrumental groups at the appropriate time during the year. Attendance at all scheduled performances is mandatory.

The High School Marching Band will be made up of students from the wind ensemble and concert band. Students who are not enrolled in Wind Ensemble or Concert Band will not participate in Marching Band. Student obligations include but are not limited to: practice after school, performances at football games, and other activities after school and on weekends.

PHYSICAL EDUCATION

Advanced Phys Ed (10, 11, 12) (1 Trimester)

Pre-requisite: 1 trimester of Physical Education class

This course is designed for students who enjoy team and recreational sports. Activities could include floor hockey, volleyball, soccer, basketball, flag football, basketball, tennis, and other team sports. The students will gain an understanding of offensive and defensive strategies, rules, fair competition, sportsmanship, and gamesmanship in team sports. There will also be additional fitness activities on a daily basis and unit tests.

Basketball Activities (10, 11, 12) (1 Trimester)

Pre-requisite: 1 trimester of Physical Education class

This class will be studying the rules and strategies of basic play, and officiating of basketball. Students will be able to participate in offensive and defensive methods, through the use of drills, conditioning, and tournaments.

Female Weight Training & Fitness (10, 11, 12) (Females Only) (1 Trimester)

Pre-requisite: 1 trimester of Physical Education class

Students will develop a personal fitness profile, set personal goals, and learn the importance of including exercise in their lifestyle. Weight training will occur three of the five days of class in a normal school week. Fitness activities include aerobics, flexibility training, jogging, pilates, tae bo, toning, yoga, and speed walking.

Personal Health (9) (1 Trimester) REQUIRED

This semester course is required for all freshmen. The course explores the dimensions of health. It will stress the importance of good health; not only as teens but emphasizes healthy living throughout life. There will be a focus on physical, emotional, and social health.

Physical Education (9, 10, 11, 12) (1 Trimester) (Co-ed/Boys/Girls)

The Physical Education requirement for graduation is two trimesters (One Trimester required in 9th grade). The design of the class is such that each student will experience many kinds of sports and fitness activities. This is basically an activity class; therefore, dressing for class and participation are a very important part of the student's grade. Students will not be permitted to take two classes concurrently. Upon successful completion of the physical education graduation requirement, a student may not repeat a term. Planned activities include:

Term 1	Term 2	Term 3
<ul style="list-style-type: none">• Flag Football• Pickleball• Resistance• Ultimate	<ul style="list-style-type: none">• Basketball• Volleyball• Jump Rope• Aerobics	<ul style="list-style-type: none">• Stunts and Tumbling• Track• Softball• Soccer

Weight Training and Conditioning (10, 11, 12) (1 Trimester)

Pre-requisite: 1 trimester of Physical Education class

The premise behind the class is to involve our students in training and conditioning in a structured environment that could last one, two or three terms. The bigger, faster, stronger lifting program will form the basis of the class. Stretching, weight training, agility, form running, and plyometrics are the activities of the class. Student athletes signing up for this class will be given first priority.

SCIENCE

Astronomy (9, 10, 11, 12) (1 Trimester)

Pre-requisite: None

Astronomy covers the study of the solar system including planets, moons, the sun, comets, black holes, and dark matter. This class is a general survey of Astronomy using science and math skills. This class also looks at how media portrays astronomy, both good and bad. This class may involve night viewings and take home projects.

Biology A & B (9, 10, 11, 12) (2 trimesters)

Pre-requisite: None

Biology is a core science course required for graduation. The class covers all of the major topics of Biology including plants, animals, microorganisms, biochemistry, ecology, DNA, genetics, genetic engineering, evolution, and ecology. There will be many demonstrations, dissections, labs and projects including fieldwork and collecting, term papers and model construction. Homework is required.

Course Content

- ✓ Arthropods & Classification
- ✓ Biochemistry
- ✓ Seed Plants
- ✓ Cells
- ✓ Scientific Method
- ✓ Microorganisms
- ✓ Genetics
- ✓ DNA
- ✓ Evolution
- ✓ Animal Kingdom
- ✓ Ecology
- ✓ Body Systems

UB – Biology A & B (9, 10, 11, 12) (2 trimesters)

Pre-requisite: TEACHER RECOMMENDATION ONLY

Biology is a core science course required for graduation. The class covers all of the major topics of Biology including plants, animals, microorganisms, biochemistry, ecology, DNA, genetics, genetic engineering, evolution, and ecology. There will be many demonstrations, dissections, labs and projects including fieldwork and collecting, term papers, and model construction. Homework is required.

Course Content

- ✓ Arthropods & Classification
- ✓ Biochemistry
- ✓ Seed Plants
- ✓ Cells
- ✓ Scientific Method
- ✓ Microorganisms
- ✓ Genetics
- ✓ DNA
- ✓ Evolution
- ✓ Animal Kingdom
- ✓ Ecology
- ✓ Body Systems

H.S. Biology A&B (10) (2 Trimesters)

Teacher-Counselor Recommendation:

The focus of H.S. Biology will be on lab safety, the scientific method, controls and variables. We will study classification, insects, plants, leaves, bio-chemistry, mitosis, meiosis, cells, ecology, DNA, genetics, evolution, animals, invertebrates and human systems. We will follow the Biology courses in the science department.

Working in teams, we will actively engage in the learning process by reading, gathering information, writing, speaking, listening and viewing. Science objectives for these topics follow the general education biology classes and will give students in this class exposure to the requirements of high school Biology and the state benchmarks for Biology.

Chemistry A & B (10, 11, 12) (2 Trimesters)

Pre-requisites: Biology A & B and Algebra I.

(Note: Biology can be taken concurrently with teacher permission)

This course focuses on changes in matter and energy, atomic structure, the periodic table, chemical bonds, nomenclature, basic reactions, chemical changes, solutions, acids and bases, gases and carbon chemistry. Students need a solid math background.

Course Content

- ✓ Matter and Energy
 - ✓ Atomic Structure
 - ✓ Periodic Table
 - ✓ Chemical Bonds
 - ✓ Nomenclature
 - ✓ Basic Reactions
 - ✓ Chemical Changes
 - ✓ Solutions
 - ✓ Acids and Bases
 - ✓ Gases
 - ✓ Intro to Carbon Chemistry
-

Conceptual Chemistry A (10, 11, 12) (1 Trimester)

Prerequisites: Biology A & B and 9th grade math credit

This course provides a conceptual overview of the following topics (see course content) needed for a basic understanding of Chemistry. Students will gain skills in problem-solving as they explore theory and a hands-on approach including laboratory and classroom activities, projects and independent study. Technology is integrated into daily course work where necessary and appropriate.

Course Content

- ✓ Scientific Method
 - ✓ Chemical and physical change
 - ✓ Basic Atomic Theory
 - ✓ Atoms, compounds and mixtures
 - ✓ Basic understanding and use of the Modern Periodic Table
 - ✓ Chemical bonding
 - ✓ Writing formulas and naming compounds for common substances
 - ✓ The mole
-

Conceptual Chemistry B (10, 11, 12) (1 Trimester)

Prerequisite: Conceptual Chemistry A

This course is a continuation of Conceptual Chemistry A. Students will gain skills in problem-solving as they explore theory and a hands-on approach including laboratory and classroom activities, projects and independent study. Technology is integrated into daily course work where necessary and appropriate to help students master the skills needed for a basic understanding of chemical principles.

Course Content

- ✓ Identifying basic chemical reactions
- ✓ Writing and balancing common chemical equations

- ✓ Understanding and application of basic Kinetic-molecular theory
 - ✓ Heat and its influence on chemical and physical change
 - ✓ Changes of state
 - ✓ Properties of solutions
 - ✓ Properties of Acids and Bases
-

Introduction to Organic Chemistry (11, 12) (1 Trimester)

Prerequisite: Chemistry A & B

This course is a stand-alone class that will focus on an introductory study of basic organic chemistry. Students will gain skills in problem-solving as they explore theory and a hands-on approach including laboratory and classroom activities, projects and independent study. Technology is integrated into daily course work where necessary and appropriate to help students master the skills needed for a basic understanding of chemical principles.

Course Content

- ✓ The element Carbon and its compounds
 - ✓ Understanding of basic nomenclature of a variety of carbon compounds
 - ✓ Halocarbons, Alcohols and Ketones
 - ✓ Carboxylic acids and Esters
 - ✓ Amines and Amides
 - ✓ Basic biochemistry
-

Advanced Inorganic Chemistry (11, 12) (1 Trimester)

Prerequisites: Chemistry A & B

This course is a stand-alone class that will focus on an in-depth study of topics not covered in part or at all in Chemistry A & B. Students will gain skills in problem-solving as they explore theory and a hands-on approach including laboratory and classroom activities, projects and independent study. Technology is integrated into daily course work where necessary and appropriate.

Course Content

- ✓ Scientific Method & Research and Formal Lab report writing
 - ✓ Acid-Base Chemistry
 - ✓ Electrochemistry
 - ✓ Oxidation-Reduction
 - ✓ Kinetics and thermodynamics
 - ✓ Alternate energy sources
-

H.S. Chemistry- A and B (11, 12,) (1 Trimester)

Teacher-Counselor Recommendation: The focus of H.S. Chemistry will be on Lab safety, the scientific method, controls and variables, the periodic table, along with, Atoms, compounds and mixtures, states of matter solutions, solids, colloids, valance electrons, protons, neutrons, acids and bases... Working in teams, we will actively engage in the learning process by reading, gathering information, writing, speaking, listening, viewing, participating in labs and using technology. Science objectives for these topics follow the general education chemistry classes and will give students in this class exposure to the requirements of high school chemistry and the state benchmarks for chemistry.

Ecology (10, 11, 12) (1 Trimester)

Pre-requisite: Biology A & B

There is a pressing need today for every person to have a better understanding of the natural environment and what effects humans have on it. Ecology is a course for any student who wants to know more about the local and global environmental issues we face today. Topics that may be covered in this class (depending on the

season) will be: environmental issues, water quality, pollution, adaptations, greenhouse effect, ecosystems, and global warming. Computers will be integrated into class work.

Horticulture (10, 11, 12) (1 Trimester)

Pre-requisite: Biology A & B

Only offered Spring or Fall Trimesters

The purpose of this course is to provide knowledge of plants not studied in biology. Topics include: house plants, plant growth, ornamental shrubs, trees and lawn care, native plants, annuals and perennials, fruits and vegetables. Home gardening, greenhouse design, and landscape design are also covered. Students will work outside on gardening projects. Participation is a large part of a student's grade. *Love of dirt is recommended.*

Human Physiology (11, 12) (3 Trimesters)

Pre-requisite: Biology A & B and Chemistry A & B (or Biology and concurrent enrollment in Chemistry)

This is a very challenging premedical course for all students planning a career in health, nursing or medicine. It emphasizes the structure and function of the systems of the human body in great depth. Memorization of many difficult Latin medical terms and the names of bones, muscles, and organs are required, with extensive dissection of the cat or the mink. Those preparing for medical/health careers should take all three trimesters to be adequately prepared for their college course work. The full course qualifies as College Anatomy credit at Baker College.

Human Physiology Structure and Function (1st Trimester)

- ✓ Introduction to the Body
- ✓ The Muscular System
- ✓ Tissues and Membranes
- ✓ The Integumentary System

Human Physiology A (2nd Trimester)

- ✓ The Blood
- ✓ The Senses
- ✓ Nervous System
- ✓ The Endocrine System

Human Physiology B (3rd Trimester)

- ✓ The Heart
 - ✓ Blood Vessels and Circulation
 - ✓ Digestive System
 - ✓ Respiratory System
 - ✓ Reproductive System
-

Physics A (10, 11, 12) (1 Trimester)

Pre-requisites: Science – Biology A & B and Math – Geometry (C+)

This course provides a conceptual and mathematical overview of Newtonian Mechanics. Through theory and laboratory work, students address classic and modern applications of physical science. Students develop problem-solving skills by hands-on learning, independent study and projects. Technology is integrated into the course work.

Course Content

- ✓ Kinematics
 - ✓ Dynamics
 - ✓ Energy
 - ✓ Momentum
-

Physics B (10, 11, 12) (1 Trimester)

Pre-requisites: Science – Biology A & B and Math – Geometry (C+)

This course provides a conceptual and mathematical overview of electricity and magnetism, heat, waves, and light. Through theory and laboratory work, students address classic and modern applications of physical

science. Students develop problem-solving skills by hands-on learning, independent study and projects. Technology is integrated into the course work.

Course Content

- ✓ Static Electricity
 - ✓ Current Electricity
 - ✓ Mechanical Waves
 - ✓ Electromagnetic Waves
-

Conceptual Physics A (10, 11, 12) (1 Trimester)

Prerequisites: Biology A/B and 9th grade math credit

This course provides a conceptual overview of Newtonian Mechanics. Through theory and laboratory work, students address classic and modern applications of physical science. Students develop problem-solving skills by hands-on learning, independent study and projects. Technology is integrated into the course work.

Course Content

- ✓ Motion
 - ✓ Force
 - ✓ Energy
 - ✓ Momentum
-

Conceptual Physics B (10, 11, 12) (1 Trimester)

Prerequisites: Biology A/B and 9th grade math credit

This course provides a conceptual overview of electricity and magnetism, heat, waves, and light. Through theory and laboratory work, students address classic and modern applications of physical science. Students develop problem-solving skills by hands-on learning, independent study and projects. Technology is integrated into the course work.

Course Content

- ✓ Static Electricity
 - ✓ Current Electricity
 - ✓ Mechanical Waves
 - ✓ Electromagnetic Waves
-

Advanced Placement (AP) Physics B (11, 12) (3 Trimesters)

Pre-requisites: Science – Physics A & B (B-)

Math – Concurrent enrollment of pre-calculus or higher

This course provides the opportunity for college credit (~ 6 credits) in physics. Students who are highly motivated in the physical sciences and plan to pursue medicine, engineering, or general science at the college level are encouraged to take this course. Students will be preparing for the AP Physics B exam which is administered in the spring.

Course Content

- ✓ Mechanics
 - ✓ Thermodynamics
 - ✓ Fluid Mechanics
 - ✓ Waves & Optics
 - ✓ Electricity & Magnetism
 - ✓ Atomic & Nuclear Physics
-

Applied Physics (11, 12) (1 Trimester)

Pre-requisites: Science – Physics (Regular or Conceptual) A & B

Math – Algebra I and Geometry

This course provides a conceptual and mathematical overview of measurement and data analysis, motion, force, fluid dynamics, and structural analysis. Through independent study and projects, students develop problem-solving skills for future work in mechanics and/or engineering. Technology is integrated into the course work.

Intro to Engineering Design A & B (9 - 12) (2 Trimesters)

Pre-requisites: None

Introduction to Engineering Design is an introductory engineering course that develops student problem solving skills, with emphasis placed upon the concept of developing a 3-D model or solid rendering of an object. Students focus on the application of visualization processes and tools provided by modern, state-of-the-art computer hardware and software. The course emphasizes the design development process of a product and how a model of that product is produced, analyzed and evaluated, using a Computer Aided Design System (CAD). Using design briefs or abstracts, students create models and documentation to solve problems.

Activities may include, but are not limited to: designing and fabricating a puzzle cube, designing a desktop organizer and reverse engineering projects. This is the first course in a four year sequence of courses which, when combined with traditional mathematics and science courses in high school, introduces students to the scope, rigor and discipline of engineering prior to entering college.

Principles of Engineering A&B (10, 11, 12) (2 Trimesters)

Pre-requisites: Successful completion of Introduction to Engineering Design, or Physics, a "C" or better in Algebra (or equivalent), and "C" or better in English Language Arts.

Principles of Engineering is a project-based course that introduces students to the profession of engineering and engineering technology, by exploring various technologies related to manufacturing processes, and engineering systems. Students will use critical thinking skills to analyze, synthesize, and design engineering systems. This course may include hands-on problem solving activities such as a Fischertechnik's marble sorter, a bassistic device, bridge designs, truss calculations, STEM projects and materials testing. Principles of Engineering is a Project Lead the Way program.

SOCIAL STUDIES

Advanced Placement Psychology (11, 12) (3 Trimesters) (Approval Needed)

Advanced Placement Psychology is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. Students in this course are encouraged to take the AP exam in May.

It is recommended that students take an additional psychology based elective prior to or in conjunction with this course.

Advanced Placement U.S. History (11, 12) (3 Trimesters) (Approval)

Advanced Placement U.S. History is designed to provide students with the analytical skills and enduring understandings necessary to deal critically with the problems and materials in United States history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials—their relevance to a given interpretive problem, their reliability, and their importance—and to weigh the evidence and interpretations presented in historical scholarship. Students in this course are encouraged to take the AP exam in May.

Amazing Race (9, 10, 11, 12) (1 Trimester)

Students "travel" to and within multiple countries utilizing a variety of transportation modes, including airplanes, hot-air balloons, helicopters, trucks, bicycles, taxicabs, car, trains, buses, and boats. Clues provided in each leg lead the teams to the next destination or direct them to perform a task, either together or by a single member. These challenges are related in some manner to the country wherein they are located or its cultures. Students will use skills in language, economics, research, science, mathematics, currency, and fitness. Students will change partners throughout the course and will be acquiring an individual time log for the term. This class is hands-on making good attendance a key to success.

Developmental Psychology (11, 12) (1 Trimester)

This course will study the field of psychology, and several of its related fields. The developmental aspect will be focused upon in regard to the development of human behavior. The class will explore such components as human development, learning, intelligence, language development and cognition. The course will integrate the biological factors, the psychological factors, and the social factors that have aided in the development of our behavior. The course will also touch on things like perception, personality and social psychology as well.

There will be in-class work, individual and group projects, and exams. This course will be enhanced through the accompaniment of various video clips and DVD's to help with the understanding of these behaviors. (Behavior Psychology and Developmental Psychology will be offered on alternating years)

Civics (11) (1 Trimester)

This course is required of all junior level students at Northwest High School. All students must successfully complete one trimester of Civics with a passing grade in order to fulfill graduation requirements. A variety of activities will be used for assessment in the course. This course emphasizes an understanding of the fundamentals of the American political system. A major area of emphasis is placed on the development of positive citizenship values and behaviors in an effort to instill a sense of responsibility that goes along with being an American citizen.

Economics (11) (1 Trimester)

This course is required of all junior level students at Northwest High School. All students must successfully complete one trimester of Economics with a passing grade in order to fulfill graduation requirements. A variety of activities will be used for assessment in the course. This course emphasizes an understanding of the fundamentals of the American economic system. Macro and micro economics will be taught in this survey course.

Global Issues (9, 10, 11, 12) (1 Trimester)

This course gives a thematic overview of issues faced globally in the twenty-first century. It will do so from a variety of disciplines and will focus on four major areas:

- Development and Poverty
- Gender Issues and Family Issues
- Conflict and Diversity
- Health and the Environment

This course will serve as an extension of World History as students analyze and examine issues currently facing the world.

History of American Music (History of Rock 'n' Roll) (9, 10, 11, 12) (1 Trimester)

The History of American Music is an in depth study of the origins of popular music in the 20th century and the social and historical context that gave birth to it. From blues and country to punk and heavy metal, students will familiarize themselves with landmark groups, music, and movements of different periods.

Michigan History (9, 10, 11, 12) (1 Trimester)

The course will focus on the political, social, and economic history of the State of Michigan from territorial status to the present. Special emphasis will be placed on the development and impact of the automobile on the State.

UB-Economics/Civics (11) (2 Trimesters) Teacher Recommendation Only

This course will cover essentially the same material covered in Civics and Economics. Textbook and vocabulary will be modified for students with language/learning disabilities. Pre-requisite: Staff recommendation and approval.

UB-United States History (9) (2 Trimesters) Teacher Recommendation Only

This course will cover essentially the same material covered in course United States History. Textbook and vocabulary will be modified for students with language/learning disabilities. Pre-requisite: Staff recommendation and approval.

UB-World History (10) (2 Trimesters) Teacher Recommendation Only

This course will cover essentially the same material covered in course World History. Textbook and vocabulary will be modified for students with language/learning disabilities. Pre-requisite: Staff recommendation and approval.

United States History (9) (2 Trimesters)

This course is required for all freshmen who plan to graduate from Northwest High School. Students must complete two trimesters of the course with a passing grade. The course is a continuation of the United States History course, Exploration-1898 offered to students at the middle school level.

The High School course is a general survey course in United States History covering the time period from the Spanish-American War through events to the present time period. The class is heterogeneously grouped and is taught at a level that makes it possible for all students to succeed. A variety of activities will be used for assessment in the course. The purpose of the course is to instill in students a sense of their historical, political, social, economic, and cultural heritage, which will aid in the development of positive citizenship values and behaviors.

World History - Eastern & Western (10) (2 Trimesters)

This course is required of all sophomore level students at Northwest High School. All students must successfully complete two trimesters of World History with a passing grade in order to fulfill graduation requirements. The course will be a general survey on the growth and development of civilization, western and eastern, from the Renaissance to the fall of communism. Emphasis will be on the major historical eras.

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