

ATTACHMENT NO. IX-F

ATTACHMENT NO. IX-F: Curriculum Guide

Potential motion: Move to approve the 2017-2018 Curriculum Guide

Recommended action: Approve the motion

Attached is the 2017-2018 Curriculum Guide, which includes the courses approved at the November Board meeting, as well as other changes that were discussed. The Curriculum Guide has not been approved on the consent agenda since 2011, but with the changes, the Administration suggested bringing the latest guide to the Board for approval.

FRESHMEN

Welcome to North Boone High School!

The teachers, support personnel, and administration welcome all of the new freshmen students to North Boone High School. In the first weeks of school you will be adjusting to new classes, teachers, and students. Your future in school and your post-graduation choices begin now. The following information is critical to where you are going and what you plan to do.

Have a question? Ask for help! There are many people available to help you succeed in high school. Some options to ask for help are your teachers, the assistant principal, the principal, the school nurse, your Link Leader or the school counselor.

Grades: You high school grades will be recorded on a transcript at the end of each semester. There is information on grade point averages later in this guide.

Activities: High School is a time to try new activities and get involved in the school community. NBHS offers a variety of clubs, sports teams, and academic organizations. Check them out!

Things to do your freshman year.....

- Talk with friends, teachers, and your parents about college or training programs.
- Participate in extracurricular activities (clubs, sports, volunteering).
- Review your high school class plan. Take the most difficult classes you can handle. Stay focused on your schoolwork.
- Do your best on the MAPs assessments (fall, winter, and spring). This assessment along with your grades will determine your course placement for next year.
- Talk with your school counselor about career options and the education required for those careers.
- Explore internships and apprenticeships - utilize Career Cruising UNITE.
- Enroll in a summer enrichment program.

SOPHOMORES

Re-Evaluate You have completed your first year at NBHS. This is a time to review what went well and what areas might need improvement. From the first day of school strive to do your best -- it will pay off!

PSAT: You have heard many times that being skilled will be critical for jobs of the future. English, Science and Math knowledge will be especially important. The more knowledge you have, the greater your choices for college and future careers. Taking the PSAT (Preliminary Scholastic Aptitude Test) in October is recommended; you may re-take it your Junior Year to qualify for the National Merit Scholarship Competition, along with taking the SAT I exam.

No regrets: So often, older students can be heard saying, "I wish I would have studied more and worked harder." Avoid this happening to you. You only go through high school once -- do your best so you have fewer regrets later.

Things to do your sophomore year.....

- Participate in extracurricular activities.
- Review your high school class plan. Take the most difficult classes you can handle. Stay focused on your schoolwork. Students are flagged for Running Start (2-year program) and CEANCI/Advance Now at RVC in the fall of Sophomore year.
- Do your best on the MAPs assessments (fall, winter, and spring). These assessments along with your grades will determine your course placement for next year.
- Consider earning college credit while in high school through Running Start, Advanced Placement or Dual Credit at RVC. **In order to enroll in the Running Start program, you will need to apply for the program during your sophomore year.**
- If available, you may get a chance to take the Practice ACT. Do your best as ACT is one of the two widely accepted college entrance exams.
- Talk with your school counselor about career options and the education required for those careers and the possibility about job shadowing.
- Talk with friends, teachers, and your parents about college and career training.
- Explore internships and apprenticeships – utilize Career Cruising UNITE.
- Enroll in a summer enrichment program.

JUNIORS

Decisions . . . This can be an exciting year as you take advantage of research opportunities to explore college and career information. Making decisions about your future can be an overwhelming task. Breaking the process into smaller steps can be helpful.

College Testing Programs . . . Sign up to take the PSAT in October to qualify for the National Merit Scholarship Program, along with taking the SAT I. **SAT BLURB**

It is recommended that you take the courses this school year to best prepare you for the tests. The best preparation for you will be to take the most challenging classes and work hard to learn all you can, especially in the core classes - Math, English, Science, and Social Studies.

Things to do your junior year.....

- Participate in extracurricular activities.
- Consider earning college credit while in high school through Advanced Placement or Dual Credit at RVC. Students are flagged for Running Start (1-year program) and CEANCI/ Advance Now at RVC the fall of Junior year.
- Narrow down possible career options, investigate the type of education that is needed, and talk to you school counselor about job shadowing possibilities.
- Request materials from schools that interest you, and visit their websites.
- Talk with College Reps when they visit North Boone High School.
- Arrange campus visits to those schools that interest you. Meet with an admissions officer, a financial aid representative, faculty members and college students.
- Take the SAT as provided by the state at North Boone High School in early April. You may sign up for further sessions of the SAT at other times. See your counselor for details. Take the ASVAB if you are interested in joining the military.
- Enroll in a summer enrichment program.
- Get a job to earn and save money for college, or explore your skills through an internship or apprenticeship – utilize Career Cruising UNITE.

SENIORS

Countdown Begins! You are about to begin your last year of high school to reach another milestone in your life—graduation; however, graduation should not be your only goal.

Graduation will be the end of your high school career, but only a stepping stone to your future. Statistics show that you may change your career several times in your life. Will you be prepared to make those changes? Education and/or training will not only be the key, but also the requirement for most careers in the future.

Things to do your senior year.....

- Plan a Senior Meeting with your school counselor to review your high school transcript. Take the most difficult classes you can handle. Stay focused on your schoolwork.
- Create a resume of your academic, athletic and work activities as well as other achievements. Prepare a portfolio if you're interested in the arts.
- Consider earning college credit while in high school through Advanced Placement or Dual Credit.
- Arrange campus visits to those schools that interest you (if you haven't already done so).
- Retake the ~~ACT~~ SAT if you'd like a better score for greater college or career acceptance.
- Select the schools to which you will apply. Make a list of important admissions and financial aid deadlines for each school (fall).
- Search and apply for private scholarships.
- Ask for recommendations (if required) from teachers, counselors and others who can comment on your abilities and talents.
- Apply to four to six colleges that interest you. Do not wait until just before the deadline.
- Complete the Free Application for Federal Student Aid (FAFSA) as soon as possible after October 1. You do not need to complete your taxes.
- Have your high school transcript sent to those colleges to which you've applied.
- Choose a college and send in any required forms or deposits (housing, meal plan, etc.). Notify in writing those schools you do not plan to attend.

2016-2017 Course Placement Benchmark Guidelines

In order to meet the academic needs of our students, North Boone High School will begin using student data to place students in their academic courses for the 2015-2016 school year.

NWEA MAP (Measures of Academic Progress) is a district benchmark assessment the students take three times (Fall, Winter, and Spring) during the school year. NWEA MAP scores can be a strong indicator of success in an academic course. The MAP assessment scores, ~~ACT~~ SAT Scores, and course prerequisites will be used to assist the Counseling Department in placing students in the proper academic classes for the 2016-2017 year.

English Course	MAP Reading Score	ACT Score
Paced English 9	<207	
Honors English 9	>228	
Paced English 10	<212	
Honors English 10	>230	
Paced English 11	<216	
Honors English 11	>232	
AP English Lit and Comp.	>240	>21

Math Course	MAP Math Score	ACT Score
Algebra Concepts	<220	
Geometry Concepts	<225	
Algebra II Concepts	<228	
Honors Geometry	>240	
Honors Algebra II	>245	
Honors Pre-Calculus w/ Trig	>245	>22
AP Calculus	>250	>22

NCAA ELIGIBILITY REQUIREMENTS

All student athletes who plan to play **DIVISION I or DIVISION II** sports must register with the NCAA Clearinghouse, preferably by the end of Junior year. ACT scores and a transcript through Junior year need to be sent to the Clearinghouse. Upon graduation a final transcript will be sent (student must request the transcript).

*Minimum requirements for eligibility are subject to change because the standards for core curriculum, minimum GPA and SAT/ACT scores continue to rise.

See your School Counselor for additional Clearinghouse information and eligibility requirements, or check www.ncaaclearinghouse.net. The School Counselor has handbooks of NCAA criteria available for review.

NCAA Approved Core Courses at North Boone High School:

English: Paced English I, II, III, IV (for Special Education Students only), British Literature, Contemporary Literature, Creative Writing, (Honors) English 9, (Honors) English 10, (Honors) English 11, English 12, AP Literature & Composition, Forensics (Speech), and Introduction to Dramatic Literature.

Mathematics: Paced Math I, II III, IV (for Special Education Students only), Algebra I, (Honors) Geometry, (Honors) Algebra II, (Honors) Pre-Calculus w/ Trigonometry, AP Statistics, and AP Calculus.

Social Science: Civics, Current Events, Economics, Sociology, (Honors) World Cultures, US History, AP US History, AP Human Geography, AP Psychology, and AP World History.

Natural and Physical Science: Biology, AP Biology, AP Chemistry, Honors Chemistry I, General Chemistry, Earth Science, Environmental Science, Physical Science I & II, (Honors) Physics

Additional Core Courses: French I/II/III/IV - Spanish I/II/III/IV

Note: Credit Recovery Courses are not NCAA approved curriculum.

Division I & II

16 Core Courses:

4 years English

3 years Math (Algebra I or higher)

2 years of Natural/Physical Science
(1 yr lab)

1 year additional English, Math or
Natural/Physical Science

2 years Social Science

4 years of additional courses from above
or world language or non doctrinal
religion/philosophy)

NORTH BOONE HIGH SCHOOL GUIDELINES

CLASSIFICATION OF HIGH SCHOOL STUDENTS

High school students shall be classified as follows:

Freshman-- 0 to 5.5 credits: a student who has earned less than six (6.0) units of high school credit.

Sophomore-- 6 to 11.5 credits: a student who has earned six (6.0) or more units and less than twelve (12.0) units of high school credit and completed one (1) year of school.

Junior-- 12 to 17.5 credits: a student who has earned twelve (12.0) or more units and less than eighteen (18.0) units of high school credit and completed two (2) years of school.

Senior-- 18 + credits: a student who has earned eighteen (18.0) units or more of high school credit, completed three (3) years of school, and has taken the Prairie State Achievement exam (if attending an Illinois High School in grade 11).

LETTER GRADES AND GRADE POINT VALUES

Grades are issued quarterly. Incomplete grades not removed within the specified time will become a failing grade.

Grade Point Values

Letter Grade	Regular	Weighted	Grade Scale
A+	4.0	5.0	100-98
A	4.0	5.0	97-93
A-	3.7	4.7	93-90
B+	3.3	4.3	89-87
B	3.0	4.0	86-83
B-	2.7	3.7	82-80
C+	2.3	3.3	79-77
C	2.0	3.0	76-73
C-	1.7	2.7	72-70
F	0	0	69-0
I = Incomplete			
WP = Withdraw Passing			
WF= Withdraw Failing			

Students who receive a grade of "P" (Passed) in Driver's Education will be given credit for completing the course but the grade will not be included in student's grade point average.

QUARTER GRADES - SEMESTER GRADES

Forty (40) percent of the semester grade is determined by the first quarter grade, forty (40) percent by the second quarter and twenty (20) percent by the semester exam.

REPEAT/RETAKE POLICY

If a student earns a failing grade in a class and repeats the class, both grades will be figured into the grade point average. The passing grade does not replace the failing grade. Both grades will appear on the transcript, but credit is given only once.

If a student fails a ~~core~~ **mandated** course at North Boone High School, the student will ~~retake the course via Compass or Aventa (online) or American School of Correspondence (mail). The cost for Compass/Aventa is \$200 per semester and American School ranges from \$150 to \$200.~~ **be able to retake the course once. A student may only take an elective course one time. If a student fails an elective course once or a mandated course twice, they must pay to take the course through a district approved credit recovery program. All financial obligations of such programs will be the responsibility of the student's family/guardians.**

HONOR ROLL

The honor roll is posted each ~~quarter~~ **semester**. The honor roll standard is based on a grade point average calculated from the ~~quarter~~ **semester** classes only, it is not cumulative. Students must be considered full-time students.

High honors constitute an average of 3.50 and above. Honor roll is an average of 3.0 to 3.49

Students who earn a perfect 4.0 average are also listed.

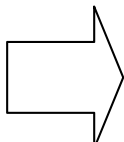
NORTH BOONE VIKING SALUTE

The North Boone Viking Salute honors those students who have been on the Honor Roll for the first ~~three-quarters~~ **semester** of the school year, **and no grade below a "C" for the third quarter**. All students receive a certificate of achievement. Students are honored with a chenille North Boone Academic letter the first year and a year pin for each additional year this honor is achieved. Students are honored each spring at the Academic Awards Assembly.

OFF-SITE DRIVER EDUCATION

Students successfully completing a driver's education class in another recognized institution taught by a certified teacher would be awarded appropriate credit toward graduation. In order to receive credit, students must show proof of class completion to the Counseling Office. A "Pass" grade will be recorded and will not be part of the student's cumulative grade point average.

Per Illinois State Law, Public Act 94-916, states that “a driver’s license or instruction permit shall be canceled if a student under 18 years of age drops out of school.”



To enroll in Driver’s Education, a student must be classified as a **Freshman or Sophomore** and must be fifteen (15) years ~~six (6) months~~ old. **As required by the state, students must have passed 8 classes in the previous two semesters to take the course.**

RESOURCES TO EARN ADDITIONAL CREDITS

~~A maximum of **9 total credits** for Alternative Courses and Programs may be counted toward the requirements for a student’s high school graduation. A semester long course is given 0.5 credit. This policy excludes the transfer credit from another accredited high school, credit earned through the CEANCI program, and the Rock Valley College Running Start Program.~~

Options available include:

- **Correspondence courses** – Course offered by institution accredited by NCACSS, fees paid by student, pre-approved by principal, ~~total of 3 credits allowed.~~
- **Distance Learning Courses** (including virtual or online courses) – Fees paid by student, approved institution offering course, pre-approved by principal.
- **Summer School and Independent Study** – Course offered by institution accredited by NCACSS and not offered by home district, ~~total of 3 credits allowed.~~
- **College Courses** – Course approved in advance by counselor and principal, student pays fees, ~~total of 3 credits (6 classes) allowed.~~

The grade given by another institution for a course will be a part of the student’s cumulative grade point average and will be entered on the student’s permanent record. Grades received from other institutions will be placed on the student’s report card if received by the final day of our grading period. Grades that are received later than that date will be placed on the next report card.

COURSE SELECTION AND WITHDRAWAL

During course selection for the next academic year, please take the time to discuss options with your student(s). The registration process drives our master schedule and when/what courses are offered. Schedule changes are not encouraged. Only necessary schedule changes will be made. **Changes must be made within the first (3) days of the semester and a fee will be charged to the student.** Any student who withdraws from a course later than four weeks after the beginning of the semester will receive a grade of WP (withdraw passing) or WF (withdraw failing) or NC (no credit). Any student who withdraws after two weeks of the semester will be placed in a study hall.

REMEMBER: CHOOSE YOUR COURSES WISELY: YOUR REGISTRATION DRIVES OUR COURSE AVAILABILITY. STUDENTS WISHING TO WITHDRAW FROM A CLASS MUST HAVE PARENTAL PERMISSION AND PAY A \$45 FEE.

COURSES RECOMMENDED FOR COLLEGE & CAREER READINESS

Freshman Year

English 9*
Math* (Algebra I or above) Biology*
World Cultures* World
Language Computer
Education* PE
Elective Choice

Sophomore Year

English 10*
Math*
Science* US
History*
World Language
Driver Education
Health*/PE* Elective
Choice

Junior Year

English 11*
Math*
Science*
Civics*
World Language P.E.*
Elective Choice

Senior Year

English 12*
Math
Science
Social Studies Electives
World Language
Consumer Education*
P.E.*
Dual Credit Coursework at RVC

** Required coursework for graduation*

Whenever possible take the Honors or Advanced Placement (AP) level of the course.

GRADUATION REQUIREMENTS – CLASS of 2016-2019

A total of twenty-four (24) credits are required for graduation	
4.0 Credits	English - 1 Credit in each: English 9, English 10, English 11, with a 4 th credit optional within the English Department's offerings.
3.0 Credits	Mathematics – 1 credit must be in Geometry.
3.0 Credits	Science - 1 credit must be in Biology
2.5 Credits	Social Studies - 1 credit must be in (AP) U.S. History, ½ credit in Civics, and 1 credit in (Honors) World Cultures. Students must pass the Illinois and U.S. Constitution tests to graduate.
1.0 Credits	Humanities or Vocational Education - Includes: Band, Choir, Art, World Language, Family and Consumer Science, Business, Agriculture
0.5 Credit	Consumer Education (Senior Year)
0.5 Credit	Health (Sophomore Year)
0.5 Credit	Driver Education/Drivers Education Physical Education (Fall Sophomore Year)
4.0 Credit	Physical Education (Health will substitute for 1 semester of P.E.) Exceptions to this are in Board policy 6:310, "Physical Education". Students graduating early may have this requirement waived.
0.5 Credit	Computer Education (Microsoft: Word & PowerPoint, Microsoft: Excel, Intro to Adobe, Adobe, or Web Design I)
5.0 Credit	Electives
40 Hours	Documented community service
	24.0 Credits

HONORS DIPLOMA PROGRAM

Total twenty-six (26) credits: (at least two (2) AP courses or Honors courses with a grade of "C" or higher) and a cumulative 3.5 GPA or higher are required to graduate with an Honors Diploma. In addition to the above listed 24 credits, the following credits are needed:

- 3.0 Credits - Math (Algebra I, Geometry, and Algebra II are required)
- 3.0 Credits - Science (Biology and Chemistry required)
- 3.0 Credits - Social Studies (Extra semester needed beyond required 2.5 credits)
- 2.0 Credits - World Language

COMMUNITY SERVICE REQUIREMENT

Frequently Asked Questions

Q: How many hours do I need to graduate high school?

A: In order to graduate from North Boone High School, each student must have a minimum of 40 hours on record with the community service advisor. (This starts with the class of 2013)

Q: How many hours should I do each year?

A: It is suggested that students try to do 10 hours per year. However, students can complete all hours in one school year

Q: What counts as community service?

A: Community service is volunteer work performed for a non-profit organization or individual or group in need. It must be done for neither money nor credit. It also must be performed outside of school hours. Any administrator or the community service advisor will determine eligibility on a case by case basis.

Q: When can I get started on Community service?

A: The start of the summer after 8th grade graduation.

Q: How can I get started on community service?

A: Check out the pre-approval list on the website for places to work. Call or email the contact person listed with the place of work. Ask the community service advisor for places to volunteer. Ask your church, community, or other places if they need volunteers.

Q: How can I check my hours?

A: Currently they can ask the community service advisor how many hours they have. They will also receive a letter in the mail with their semester grades that state how many hours they have so far. In the near future you will be able to look on the website.

Q: Can I do more than 40 hours?

A: Yes! Many colleges and scholarships ask for community service hours and work. The more you do the better. The school will keep a record of all hours that students do.

Q: Where do I pick up verification sheets and pre-approval sheets?

A: There are attachments on the website of these documents. Please print them off and fill them out. You may also get them from the main office of the high school or directly from the community service advisor.

Q: What are pre-approval sheets for?

A: They are used to make sure that the volunteer work you are doing is considered community service. It must be approved by an administrator or the community service advisor to be eligible for community service hours.

Q: Can I do something before it gets pre-approved?

A: You can do it prior to pre-approval BUT, it may not get pre-approved if it is not community service. It is better to fill out the form prior to performing the volunteer work.

Q: What is a verification sheet?

A: This form is used to verify the hours that the students did work. They must be filled out completely before they are considered complete. It is important to bring this to your volunteer location so that the supervisor can sign it. The community service advisor will call to verify the hours as well.

Q: How do I know I am finished with my requirements for graduation?

A: A letter will be mailed home that states they have completed the hours necessary for graduation. Please hang on to this letter in case of questions later.

Q: What happens if I transfer in to North Boone?

A: Your hours will be pro-rated for the time you are here. We expect students to do 10 hours a year. Every incoming freshman needs 40 hours. However, if you transfer in prior to the start of the 3rd quarter you will be responsible for the hours related to that year. If you transfer in after the start of the 3rd quarter you will not be responsible for those hours. (EX: A freshmen student from Belvidere transfers in after the start of the 3rd quarter he will be responsible for only 30 hours.)

Q: What happens if I do not do 40 hours of community service?

A: You will not receive your diploma or graduate until the service hours have been met.

Additional Information and Forms are available on the North Boone High School Website:

<http://nbhighschool.weebly.com/community-service.html>

COURSE DESCRIPTIONS

The following courses may or may not be offered subject to enrollment and Board approval. In courses where qualifying test scores, previous course performance, and teacher recommendation are used for placement, a student must meet two of three requirements to be considered for the course. It will be a choice of the student and their parents/guardians to enroll in the course. If a student meets all three criteria, it is strongly recommended the student accepts the academic rigor of the suggested course placement.

AGRICULTURE

** There is a lab fee for all Agriculture Courses.*

We offer two agriculture career pathways.

The first pathway is Agricultural Science (02.0100). Courses included in this program are Introduction to the Agriculture Industry, Basic Agricultural Science, Agriculture Environmental Science, and Agricultural Biotechnology.

The second pathway is Agricultural Business and Management (01.0100). Courses included in this program are Introduction to Agriculture Industry, Basic Agricultural Science, Agricultural Sales and Marketing, and Agricultural Business Management.

CAREER PATHWAYS IN AGRICULTURAL EDUCATION

	ORIENTATION LEVEL COURSES (9 th & 10 th)	PREPARATION LEVEL COURSES (11 th & 12 th)
Agricultural Business Management	<ul style="list-style-type: none">• Introduction to the Agricultural Industry• Basic Agricultural Science	<ul style="list-style-type: none">• Agricultural Business Management• Agricultural Business Sales & Marketing
Agricultural Science	<ul style="list-style-type: none">• Introduction to the Agricultural Industry• Basic Agricultural Science	<ul style="list-style-type: none">• Agriculture Environmental Studies• Agricultural Biotechnology
Horticulture	<ul style="list-style-type: none">• Introduction to the Agricultural Industry• Basic Agricultural Science	<ul style="list-style-type: none">• Landscaping and Turf Grass Management I & II

Introduction To The Agricultural Industry (4001/4002, 1.0 credit, Grades 9, 10)

Prerequisite: None

Course Description: This introductory course provides an opportunity for students to learn how the agricultural industry is organized, its major components, the economic influence of agriculture at state, national, and international levels; and the scope and types of job opportunities in the agricultural field. Basic concepts in animal science, plant science, soil science, horticulture, agricultural resources, agribusiness management and agriculture mechanics are included. Microcomputer applications to the area of agriculture are also introduced.

Students are required to join the FFA (16001, Introduction to Agricultural Industry).

This course will be offered 2017-18

Basic Agricultural Science (4011/4012, 1.0 Credit, Grades 10, 11, 12)

Prerequisite: Introduction to the Agriculture Industry or approval of instructor

Course Description: This second year course builds on the basic knowledge gained from the introductory course. Major units of introduction include advanced plant and soil science, advanced animal science and food science and technology. Applied math/science skills are stressed throughout the course. Microcomputer applications are utilized as they relate to each instructional unit.

Students are required to join the FFA (10501, Basic Agricultural Science)

This course will be offered 2018-19

Agricultural Business Sales & Marketing I (4511, 0.5 Credit, Grades 10, 11, 12)

Prerequisite: Introduction to the Agriculture Industry or approval of instructor

Course Description: This preparation course is designed to develop student knowledge and skills in the areas of agribusiness operations. Instructional units include the organization and functions of agricultural businesses, agricultural business math, and agricultural business procedures including microcomputer applications and human relations skills, as well as sales-related duties.

Students are required to join the FFA (10503, Agricultural Business Operations I).

This course will be offered 2017-18 (Semester I)

Agricultural Business Management I (4101, 0.5 Credit, Grades 10, 11, 12)

Prerequisite: Introduction to the Agriculture Industry or approval of instructor

Course Description: This course is designed to develop student skills in the area of advanced agricultural business procedures, establishment of agriculture business, managing the agribusiness, financing agribusiness, marketing and advertising, sales technique, and strategies. Product knowledge is stressed. Students are required to join FFA (10505 and 10506 Agricultural Business Management I & II).

This course will be offered 2017-2018 (Semester 2).

Agriculture Environmental Studies (4201/4102, 1.0 Credit, Grades 10, 11, 12) *Prerequisite: Introduction to the Agricultural Industry or one year of High School science* **This course will count for High School Science credit (only 2012-2014), though it will not satisfy the requirements for NCAA and college admission to some institutions.**

Course Description: This course examines the relationship of agriculture and the environment. The impact of plant and animal production practices on the environment and the adoption of practices that lead to improved environmental, air, and water quality are investigated. Areas of environmental emphasis include: identification and management of ecosystems, management of waste, chemicals and the environment, soil conservation, land uses, regulation, and ordinances, water quality, and air quality. Students will examine the emerging agricultural occupations relating to environmental science. Students are required to join FFA (16008, Environmental Science).

This course will be offered 2018-19 (Year).

Agricultural Biotechnology I (4531, 1.0 Credit, Grades 10, 11, 12) Agricultural Biotechnology II (4532, 1.0 Credit, Grades 10, 11, 12) *Prerequisite: Introduction to the Agriculture Industry or approval of instructor*

This course will count for High School Science credit (only 2012-2014), though it will not satisfy the requirements for NCAA and college admission to some institutions.

Course Description: This course examines the agricultural applications of biotechnology, the use of living organisms to solve problems or make useful products. Applications include technologies used in bioprocessing, cell/tissue culture, genetic engineering and protein engineering. Specific units of instruction include: impacts of biotechnology, genetics and genetic engineering, biotechnology in plant science and microbial biotechnology. Students are provided with information needed for considering a career in the emerging occupation of agricultural biotechnology technician. Experimentation and student research projects are an integral component of the course. These activities may be conducted as Supervised Agricultural Experience Programs and/or FFA activities. Because FFA and SAE are integral components of this course, students are required to maintain an SAEP and to participate in activities of the FFA organization. (16009/16010, Agricultural Biotechnology I & II).

This course will be offered 2017-18 (Year).

Landscaping and Turf Grass Management I & II (4533/4534, 1.0 Credit, Grades 10, 11, 12)

Prerequisite: Introduction to the Agriculture Industry or approval of instructor

Course Description: This advanced course focuses on the landscape, nursery, and turf segments of the horticulture industry. Units include: identifying landscape plants, designing landscape plans, hardscape construction techniques, and installing landscape plants. Also included are nursery production, turfgrass production, small engine repair, and maintenance of existing landscapes. Agribusiness units will cover calculating prices for work, managing a horticulture business, advertising, and sales. Improving computer and workplace skills will be a focus.

Participation in FFA student organization activities and Supervised Agriculture Experience (SAE) projects are an integral course component for leadership development, career exploration and reinforcement of academic concepts.

This course will be offered 2017-18 (Year).

ART

All art courses at North Boone High School are one semester in length. Each class can be appreciated at any level whether beginner or advanced. In order to proceed within the art program students must obtain a **C+ or better** in all previous art courses. Sculpture, Drawing, Painting, Adobe® Photoshop, and Advanced Art may be repeated for credit at incremental course names with instructor approval (i.e. Drawing I, II, III). **General Art is the most basic art class offered by North Boone High School and may not be taken after taking other art classes.**

<u>(Course number) – Name</u>	<u>Credit</u>	<u>Grade Level</u>				<u>Prerequisite</u>
		9	10	11	12	ALL (C+ or better in previous)
(1001) - 2 D Concepts	.5	X	X	X	X	None
(1011) - 3 D Concepts	.5	X	X	X	X	None
(1021) - Sculpture	.5		X	X	X	3D Concepts
(1026) - Drawing	.5		X	X	X	2D Concepts
(1025) - Painting	.5		X	X	X	2D and Drawing
(1030) - Advanced Art	.5			X	X	2D, 3D + 2 other offerings
(1060) – General Art	.5	X	X	X	X	None

General Art	.5 credit	Grades: 9 – 12	Prerequisite: None
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This course is designed to give students who may be interested in art and not sure if they want to take art further or not. This is a general exploratory art course that covers a sample of all other art courses offered at NBHS

2 Dimensional Concepts	.5 credit	Grades: 9-12	Prerequisite: None
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Students will be introduced to anything that is flat. Projects will be focused on the Elements and Principals of Design. This course is an introduction to art concepts for students who intend to take future course in drawing and painting.

3 Dimensional Concepts	.5 credit	Grades: 9-12	Prerequisite: None
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This course is designed to create objects that take up space. Using the basic Elements of Design students will learn to create three dimensional objects with various materials (Paper, Wire, Clay, and Plaster).

Sculpture I, II, III, IV	.5 credit	Grades: 10-12	Prerequisite: 3D
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Students will get more hands on learning of processes with materials used in 3D concepts. **In order to be considered for the Sculptures course, a student must pass 3D concepts with an 87% or greater.** The student will also be given to a chance to explore the medium of choice at a more advanced level. **This course will be offered 2017-2018.**

Drawing I, II, III, IV	.5 credit	Grades: 10-12	Prerequisite: 2D
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This course teaches the student how to communicate visually through the use of a pencil, pen and ink and charcoal techniques.

Painting I, II, III, IV	.5 credit	Grades: 10-12	Prerequisite: 2D and Drawing
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This course is an extension of drawing and is intended for the advanced student. Students will explore various water based painting techniques and media.

This course will be offered 2018-2019.

Advanced Art I, II, III, IV	.5 credit	Grades: 11-12	Prerequisite: Drawing and Painting
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This course is open to the student who has demonstrated above average interest and ability in previous art classes and would like to explore art on a more personal and independent level.

BUSINESS

Introduction to Business (1851, 0.5 Credit, Grades 9, 10)

Prerequisite: None

Course description: This class is an elective open to freshman and sophomore students. The course will provide an overview of all aspects of business marketing and management, including the concepts, functions and skills required for meeting the challenges of operating a business in a global economy.

Topics covered will include the various forms of business ownership as well as the basic functional areas of business finance, management, administration, and production.

Students will be introduced to a wide range of careers in fields as accounting, financial services, information technology, marketing, and management. (30001, Basic Business)

Introduction to Adobe Photoshop (1050, 0.5 Credit, Grades 10, 11, 12)

Prerequisite: None

Course description: This course is open to students who have an interest in graphic art and design and would like an opportunity to explore Adobe® Photoshop further.

Adobe Photoshop (1055, 0.5 Credit, Grades 10, 11, 12)

Prerequisite: Introduction to Adobe Photoshop

Course description: This course is open to students who have an interest in graphic art and design and would like an opportunity to build upon the concepts learned in Introduction to Adobe Photoshop.

Entrepreneurship (1720, 0.5 Credit, Grades 10, 11, 12)

Prerequisite: None

Course description: Entrepreneurship is a one semester course designed to give students the skills needed to develop an idea for a product or service and start a profitable business.

Specifically, students will learn to evaluate potential business opportunities, conduct a feasibility study, write a business plan, conduct market research, plan a store layout, and market a business. Furthermore, students will have the opportunity to apply these skills through the start-up of an actual class business.

~~This course will be offered 2016-2017.~~ Too similar to Small Business Management

Small Business Management (1730, 0.5 Credit, Grades 10, 11, 12)

Prerequisite: None

Course description: Small Business Management is a one semester course designed to give students the skills needed to manage the assets and human and financial resources of a small start-up operation.

Specifically, students will study management theory and principles, evaluating sources of financing, financial management strategies, risk management principles, and the development of strategies for growth. Furthermore, students will have the opportunity to apply these skills through the use of the Virtual Management software and the startup and management of a school store.

This course will be offered 2017-2018.

Microsoft Office I: Word and PowerPoint (1800, 0.5 Credit, Grades 9, 10, 11, 12)

Prerequisite: None

Course description: Microsoft Office Word and PowerPoint is designed to advance word processing skills. Software instruction begins with Word 2007 Level 1 concepts of information processing required by business and college. Software instruction also includes PowerPoint 2007 Level 1 involving the creation of slideshows, speaker notes, and handouts. Students successfully completing this course may elect to sit for Microsoft Certified Application Specialist Core Certification.

Microsoft Office II: Excel (1801, 0.5 Credit, Grades 9, 10, 11, 12)

Prerequisite: Preferred Microsoft Office I

Course description: Microsoft Office Excel is designed to advance spreadsheet skills. Software instruction begins with Excel 2007 Level 1 involving the utilization of functions, ranges, and formulas in spreadsheets. Tables, text, and data will be integrated into reports and charts.

Students successfully completing this course may elect to sit for Microsoft Certified Application Specialist Core Certification.

Web Page Design I (1840, 0.5 Credit, Grades 10, 11, 12)

Prerequisite: Completion of Microsoft Office or Desktop Publishing.

Course description: This computer class emphasizes the development of websites using the HTML and basic Java Script languages. This course is designed to give students the skills to develop a variety of websites. Students will have the opportunity to create a personal website, a website for a school, a business website, and a variety of other projects. (30011, Web Page & Interactive Media Development I)

Web Page Design II (1841, 0.5 Credit, Grades 10, 11, 12)

Prerequisite: Minimum of a C in Web Design I

Course description: This computer class extends the concepts learned in Web Design I. This class focuses on using Dreamweaver software as well as other programs within the Adobe CS3 Suite. Students will use Adobe Dreamweaver and Photoshop to create high quality websites that include, multimedia, animation, audio, video, and interactive forms. Assignments will have students create professional websites for "real world" scenarios. (30012, Web Page & Interactive Media Development II)

This course will be offered 2016-2017. Will combine with Web Page Design I to make a meatier web page design curriculum.

Journalism I (2821/2822, 1.0 Credit, Grade 10, 11)

Prerequisites: ~~None~~ Minimum grade of B in previous English course.

Course description: This one year course will focus on advanced desktop publishing, yearbook design, and journalism topics. The specific topics we will cover are: yearbook design principles, journalism introduction and history, copy editing, editorial writing, Adobe InDesign CS3, photography, editing, yearbook vocabulary, headlines, captions, feature story writing, interviewing, and reporting. Students will have the opportunity to help Journalism 2 create the North Boone High School Yearbook.

Journalism II (2831/2832, 1.0 Credit, Grade 11, 12)

Prerequisites: Minimum grade of B in Journalism I, minimum grade of B in English, and teacher recommendation

Course description: During the second year, students will produce and edit the yearbook. In addition to the responsibilities of a first year student, the second year students will be responsible for planning and editing the yearbook. The specific topics we will cover are; editing, copyright law, 1st amendment, reporting, media, libel, journalism ethics, online journalism, entertainment journalism.

Business Law (1870, 0.5 Credit, Grades 10, 11, 12) WRITING INTENSIVE

Prerequisite: None

Course description: Business Law is one-semester course focusing on the study of the American legal system and contract law. Specific topics to be studied include: ethics, criminal and civil trial procedure, criminal and tort law, fraud, and the elements of legally binding contracts. A combination of reading and writing assignments, oral presentations, mock trials, and case studies are used to help students become active participants in their school and community as well as the American system.

This course will be offered 2018-2019.

Marketing (1900, 0.5 Credit, Grades 10, 11, 12)

Prerequisite: None

Course description: Marketing is a one semester course focusing on the study of the process of planning and executing the conception, price, promotion, and distribution of ideas, goods, and services. Specific topics to be covered include: the marketing concept, international marketing, personal selling, promotion, distribution, pricing, marketing research, and product management. A combination of reading and writing assignments, oral presentations, sales demonstrations, and case studies will be used to help students understand and apply marketing, management, and entrepreneurial principles. Finally, all students will have the opportunity to start and run their own business through the use of Virtual Business Retailing software.

This course will be offered 2017-18

Consumer Education (4900, 0.5 Credit, Grade 12)

Prerequisite: None

Course description: This course is designed to provide students with the practical knowledge to help them become competent consumers in today's highly competitive marketplace. Specific areas addressed include: comparison-shopping, consumer protection, banking, budgeting, housing, insurance, investing, public services, saving, tax preparation, transportation and use of credit.

Students use numerous Internet sites, projects, business readings, lectures, discussion groups and guest speakers to obtain their knowledge. This course is required by the state of Illinois (School Code, Section 27-12) for graduation.

DRIVER EDUCATION

Driver Education/PE (1400A/1400B 0.5 Credit, Grade 10)

Prerequisites: Sophomore as required by the state, students must have passed 8 classes in previous two semesters to take the course. Will only be offered in the Fall of 2016.

Course description: Driver Education is divided up into two parts, classroom and behind the wheel. The first two weeks of the classroom is spent teaching the Illinois Rules of the Road manual so the student may obtain an instruction permit. The written and vision tests are administered during class time. The remaining seven weeks are used to cover the class textbook. Instruction during this time will include: responsibilities of driving, basic courtesies associated with driving, basic maneuvers, dealing with intersections, city and rural driving, interstate driving, driving in adverse conditions, and how to handle emergencies. The classroom instruction will be graded on a pass/fail basis.

The second part of Driver Education is the behind the wheel instruction. It is during this part where the student receives driving lessons. Drive Right has been contracted to provide 6 hours of Behind-the-Wheel experience for each student who chooses to participate. Topics to be covered include: basic maneuvers, parking, turnabouts, city driving, interstate driving, and driving in business districts. Grades will be kept for the purpose of determining passing or failing, but a grade is not given for transcript purposes.

****There is an additional fee for behind the wheel instruction.**

ENGLISH

9 th	10 th	11 th	12 th
Paced English I	Paced English II	Paced English III	Paced English IV
English 9	English 10	English 11	English 12 or Electives
Honors English 9	Honors English 10	Honors English 11	AP Literature and Composition

English 9 (2011/2012, 1.0 Credit, Grade 9) *NCAA Approved*

Prerequisite: None

Course description: English 9 includes a review of writing skills, study skills, and reading comprehension. Literature, including short stories, poetry, plays, and novels, will be studied.

Emphasis will be placed on vocabulary building and writing skills across the curriculum as well as skills in literary analysis. Students will identify the elements of literature (plot, theme, character, setting, and point-of-view) and be able to analyze literature using those elements.

The four types of essay writing (descriptive, expository, narrative, and persuasive) will be introduced, and the writing of essays using word processing software will be a long-term goal for the year. Literature will include “Romeo and Juliet,” excerpts from “The Odyssey” and various novels.

Honors English 9 (2011/2012, 1.0 Credit, Grade 9) *NCAA Approved*

Prerequisites: MAPs score >228, qualifying grade of an “A” in 8th grade English, and committee recommendation

Course description: This course focuses on individual responsibility for participation and learning in the areas of reading, writing and speaking. Study skills will be reinforced, with students maintaining time management and organizational strategies throughout the year. Writing skills will be emphasized, and students will be required to write essays (descriptive, narrative, expository, and persuasive) on a regular basis. Peer-editing and group work will emphasize the cooperative work environment.

Usage and development of critical thinking skills will be essential in the analysis of literature. Required reading will include short stories, “Romeo and Juliet,” excerpts from “The Odyssey” and various novels. Special projects relating to literature, both individual and group, will incorporate critical reading and analytical thinking.

Honors students are expected to work independently as well as cooperatively in a setting dedicated to improving their skills. Students not completing assignments, lacking adequate skills, unable to succeed, or who participate inappropriately will be switched to a more appropriate English class.

English 10 (2021/2022, 1.0 Credit, Grade 10) WRITING INTENSIVE *NCAA Approved*

Prerequisite: Passing grade in English 9

Course description: Students will work to improve critical reading and writing skills through the study of world literature. Short story units will focus on vocabulary building and reading comprehension as well as literary analysis. Required reading: *The Catcher in the Rye*, *Antigone*, and *Julius Caesar*.

Required speeches: Persuasive and informative

Honors English 10 (2121/2122, 1.0 Credit, Grade 10) WRITING INTENSIVE *NCAA Approved*

Prerequisites: MAPs score >230, qualifying grade of an "B" in Honors English 9 or an "A" in English 9, and committee recommendation.

Course description: The focus of Honors English 10 is the study of world literature. Students read from a variety of literary genres. This course challenges students to become critical thinkers through diverse writing assignments, reading selections, and collaborative projects. Required reading: *The Metamorphosis, Lord of the Flies, Things Fall Apart, Antigone, and Julius Caesar*. Required speeches: Persuasive and informative

Honors students are expected to work independently as well as cooperatively in a setting dedicated to improving their skills. Students not completing assignments, lacking adequate skills, unable to succeed, or who participate inappropriately will be switched to a more appropriate English class.

English 11 (2031/2032, 1.0 Credit, Grade 11) WRITING INTENSIVE *NCAA Approved*

Prerequisite: Passing grade in English 10

Course description: This course will retrace America's history as seen through the literature of the United States from Colonial times through the twenty-first century. The course will include grammar study as well as composition. Students will write compositions based on literature they have read. More advance writing and research skills, including the completion of a lengthy research paper utilizing MLA format, will be covered.

Honors English 11 (2131/2132, 1.0 Credit, Grade 11) WRITING INTENSIVE *NCAA Approved*

Prerequisites: MAPs score >232, qualifying grade of an "B" in Honors English 10 or an "A" in English 10, and committee recommendation.

Course description: Students will read and discuss a variety of works in American literature from past classics to contemporary works and examine the major periods, movements, and trends in American literary history and the influence of each on twentieth century literature. Students will have the opportunity to improve writing skills with the following writing types: MLA style persuasive research paper, narrative writing, and literature analysis. They will also hone in on reading skills by close reading and analyzing literature. Extended texts selections include: *The Scarlet Letter, The Great Gatsby, Flags of Our Fathers, and The Catcher in the Rye*.

English 12 (2041/2042, 1.0 Credit, Grade 12) Writing Intensive *NCAA Approved*

Prerequisite: Passing grade in English 11

Course description: Students in this course will develop their individual writing skills through an intensive review of grammar and writing projects. Students will write several types of papers as well as professional business letters and resumes using word processing software. A principal goal of the course is to prepare the student for writing and reading skills needed in college and in everyday life. Various literary works will also be read in conjunction with the writing projects.

British Literature (2201, 0.5 Credit, Grades 11, 12) WRITING INTENSIVE *NCAA Approved*

Prerequisites: Passing grade in English 10

Course description: Students will read classics of British Literature, including *Beowulf, Chaucer, and Shakespeare*. Epic poems, plays, novels, and poetry will be included, along with an overview of British history. Significant amounts of reading will be expected. **This course will be offered 2017-18.**

Contemporary Literature (2212, 0.5 Credit, Grades 11, 12) WRITING INTENSIVE *NCAA Approved*

Prerequisites: Passing grade in English 10.

Course description: Various contemporary novels will be read and discussed throughout the

course. Intensive reading and class discussions are critical to making this class an enjoyable learning experience. **This course will be offered 2017-2018.**

Forensics (Speech) Public Speaking (2342, 0.5 Credit, Grades 11, 12) *NCAA Approved*

Prerequisites: Passing grade in English 10 or 11 or teacher recommendation

~~Course description: Students will learn extemporaneous speaking for all occasions. Extensive research using the Internet, work on composition skills, and outside speaking experiences will assist the student in presentation skills. PowerPoint presentation software and other visual aids will be utilized in several speeches. Opportunities will be provided for students who wish to participate in speech/debate competitions.~~ **This course is designed to improve students' oral communication skills. Students will study the process of communication and prepare various extemporaneous speeches. Emphasis is placed on effective verbal and nonverbal communication skills, research, organization, and analysis.**

Creative Writing (2520, 0.5 Credit, Grades 11, 12) WRITING INTENSIVE *NCAA Approved*

Prerequisite: Passing grade in English 10 or English 11

Course description: This course is designed to encourage students to expand their writing talents to more non-traditional forms of expression such as poetry, drama, and myths. Students will write on a daily basis. Projects for individual or groups will be required. Students will work on improving communication skills both written and verbal.

Advanced Placement (AP) English Literature & Composition (2741/2742, 1.0 Credit, Grade 12) WRITING INTENSIVE *NCAA Approved*

*Prerequisites: Test scores, qualifying grade, and committee recommendation. *There is a \$90 course fee associated with this course that will cover the required AP examination fee.*

This is a college-bound course that is reading and writing intensive. College-level material will be used in preparation for the annual AP Literature and Composition Exam in May. A major focus of the class will be on developing critical analysis skills and the ability to convey ideas through the spoken and written word. Formal and informal writing will be done both in and out of class. Students will be expected to complete independent reading projects each quarter, as well as study AP exam vocabulary. Required reading will include *The Awakening*, *Frankenstein*, *Othello*, *The Importance of Being Earnest*, *The Metamorphosis*, *Heart of Darkness*, *Waiting for Godot*, *Who's Afraid of Virginia Woolf*, as well as various short stories and modern and traditional poetry.

This is a rigorous class, demanding exceptional self-discipline, diligence, and the ability and willingness to take intellectual risks. Students not completing assignments, lacking adequate skills, or who participate inappropriately will be switched to a more suitable English class.

Introduction To Dramatic Literature Dramatic Literature I (2900, 0.5 Credit, Grades 11, 12) *NCAA Approved*

Prerequisite: ~~none~~ Passing grade in English 10 or 11 or teacher recommendation

~~Course description: The emphasis in this course is on reading and appreciating drama. Students will read plays from a variety of genres both in the classroom and independently. Students will also complete a unit of study on the history of drama. Field trips to play performances will be scheduled throughout the semester when appropriate and available. Assignments will include but are not limited to reading, vocabulary study, literary analysis, research projects, and presentations.~~ **This course covers Ancient Greek drama to the drama of the 19th century. Students will read works from playwrights such as Euripides, William Shakespeare, Oscar Wilde, and Henrik Ibsen. The emphasis in this course is on reading and appreciating drama. Students will read plays from a variety of genres both in the classroom and independently. Students will study the history and structure of drama. Assignments will include, but are not limited to, reading, vocabulary study, literary analysis, research projects, essays, and presentations. Students will be expected to participate in oral reading of the literature.**

Dramatic Literature II (0.5 Credit, Grades 11, 12) *NCAA Approved*

Prerequisite: ~~none~~ *Passing grade in English 10 or 11 or teacher recommendation*

This course covers contemporary drama from the 20th century to the contemporary period. Students will read works from playwrights such as Tennessee Williams, Arthur Miller, Samuel Beckett, and August Wilson. The emphasis in this course is on reading and appreciating drama. Students will read plays from a variety of genres both in the classroom and independently. Students will study the history and structure of drama. Assignments will include, but are not limited to, reading, vocabulary study, literary analysis, research projects, essays, and presentations. Students will be expected to participate in oral reading of the literature.

FAMILY AND CONSUMER SCIENCE

Introduction to FACS (Family and Consumer Science) 4901, 0.5 Credit, Grades 9, 10

Prerequisite: None

Course description: Course description: This class is an elective open to freshman and sophomore students. The course is designed to familiarize students with numerous topics in the field of FCS. The course will also give students the tools needed to manage life into adulthood. Topics include Learning about myself, Communication skills, Job skills, Resume preparation, Interviewing skills, Managing resources, Childcare, Clothing repairs, and Healthy living. (64001, Learning for Independence, Family & Employment)

Foods I (4600, 0.5 Credit, Grades 11, 12)

Prerequisite: None

Course description: This course includes classroom and laboratory experiences in food preparation and emphasizes skills needed for successful employment in the food service industry. Units of study include food sanitation and safety, kitchen equipment, measurements and substitutions, cooking techniques, baking principles, grains and cereals, quick breads, eggs, and dairy. (64003, Foods & Nutrition I)

Foods II (4602, 0.5 Credit, Grades 11, 12)

Prerequisites: Grade of C or above in Foods I

Course description: This course is a continuation of Foods I. It is designed for students who have an interest in advancing the food preparation techniques and nutrition knowledge that they had begun in Foods I. This course will stress food service, meal management, table settings, etiquette and other food career skills. Units of study will include: Food forensics, Meats, Vegetables, Biotechnology & Food industry regulations, Soups, Yeast breads, Candy, cakes, & pies, Casseroles, Nutritional issues, International foods with restaurant development. (64005, Foods & Nutrition II)

Adult Living (4821, 0.5 Credit, Grades 11, 12)

Prerequisite: None

Course description: This course is designed to assist students in becoming a part of a vital adult society. Throughout the class, the emphasis will be on learning to become independent financially, in careers, relationships and in taking care of one's emotional and physical needs. Units of study will also include: preparation for college and career, dating, prevention of sexual harassment and abuse, practical skills for autonomy, apartment and home selection, health and addictions, marriage preparation and etiquette. The management of adult problems will also be included. (60511, Adult Living)

This course will be offered 2016-17.

Parenting (4832, 0.5 Credit, Grades 11, 12)

Prerequisite: None

Course description: This course exposes students to the realities and responsibilities of parenthood. Students will learn and practice the skills needed to nurture and guide children. Students are introduced to careers involving infants and small children. Units include: Decisions to/not to have children, Teen Parenting, Pregnancy and fetal development, Preparing for baby, Newborn & infancy, Toddlerhood, Pre-school & school aged children. "Empathy Belly" and "RealCare Baby" simulators are an integral part of this class. (60509, Parenting)

INTERDISCIPLINARY

Career Exploration and Post-Secondary Planning (1350, 0.5 Credit, 10, 11, 12)

Prerequisite: None

Course description: Making the connection between high school curriculum and career/post-secondary options is vital and necessary for our students' future success. The Career Exploration and Post-Secondary Planning Course will offer students the opportunity to explore who they are, and their related interests, attitudes, values, and beliefs regarding the world of work. It will help to foster connections between high school pathways of study and career outcomes. Finally, the students will be able to decide on a plan of action to pursue their career(s) of choice. Experiential learning, guest presenters, use of technology and relevant topical information will allow students to maximize their career potential and decision-making.

Freshman Seminar (1360, 0.5 Credit, 9)

Prerequisite: None

Course description: This pass/fail course is required for all Freshmen and is designed to provide students with a solid foundation in the study skills and foundations it takes to be successful in high school and beyond while exploring possible future careers. This course will help Freshmen to establish an academic plan to achieve their possible future careers, and give them tools to use to reach out to institutes of higher education beyond high school. The course will also cover a study of the social and emotional skills necessary to be successful in high school and beyond.

MATHEMATICS

A minimum of three (3) credits must be earned in Mathematics.

⁹ th	¹⁰ th	¹¹ th	¹² th
Math I Paced	Math II Paced	Math III/IV Paced	Math III/IV Paced
Algebra Concepts	Geometry Concepts	Algebra II Concepts	Pre-Calc w/ Trig
Algebra I	Geometry	Algebra II	Statistics Pre-Calc w/ Trig
Honors Geometry	Honors Algebra II	H Pre-Calc w/ Trig	AP Statistics AP Calculus

To qualify for Algebra I students must have a strong grasp of solving and evaluating one step equations, order of operations, absolute value, variable substitutions and graphing on a number line.

To qualify for Geometry students must have a strong grasp of solving multiple step equations with variables on both sides and distributing, graphing and knowledge of linear equations, multiplying and factoring polynomials and applying formulas.

Algebra I (6311/6312, 1.0 Credit, Grade 9) *NCAA Approved*

Prerequisites: Test scores, qualifying grade, and committee recommendation

Course description: This course covers the properties and operations of real numbers. Students learn techniques on solving and graphing linear equations and inequalities. They learn about slope, the slope intercept and point-slope forms of an equation. Students perform basic operations and factoring techniques on polynomials. Students learn to solve word problems by translating them into algebraic equations.

Algebra Concepts (6111/6112, 1.0 Credit, Grades 9)

Prerequisites: Test scores, qualifying grade, and committee recommendation

Course description: Algebra Concepts covers the same content as Algebra without going into as much depth on the concepts. This course covers properties and operations of real numbers, solving and graphing linear equations, slope and the equation of a line, and translating and solving word problems. ~~Upon successful completion, students will be enrolled in Integrated Geometry.~~

Geometry (6411/6412, 1.0 Credit, Grades 9, 10, 11) *NCAA Approved*

Prerequisite: 240 > MAPs math score >224, "B" in Algebra, and committee recommendation

Course description: ~~This is a course in Euclidean Geometry dealing with points, lines planes and polygons. Students learn about congruency and similarity on the basic figures of geometry. Parallel and perpendicular lines are studied with their relationship to slope. Formulas for finding the areas of 2 and 3 dimensional figures are investigated. Properties and theories involving triangles are studied. Inductive and deductive reasoning skills are developed and used in formal proofs.~~ This course focuses on the logical processes of deductive and inductive reasoning. Practical problems and proofs are applied in both plane and solid geometry. Topics include: congruence, proof and constructions, similarity, trigonometry, transformations; extending to three dimensions, connecting algebra and geometry through coordinates; circles with and without coordinates and applications of probability.

Geometry Concepts (6113/6114, 1.0 Credit, Grades 10)

Prerequisite: MAPs math score < 225, qualifying grade, and committee recommendation

Course description: Using algebraic strategies, students will observe, verify and explain geometric relationships of perpendicularity, parallelism, congruence and similarity. Students will demonstrate the use of formulas in finding the area and volumes of circles, polygons and polyhedrons. Students will learn to apply appropriate theorems, postulates and properties on basic geometric figures and translate them into algebraic equations. The interpretation and graphing of linear equations will be revisited.

Honors Geometry (4533/34, 1.0 Credit, Grades 9, 10) *NCAA Approved*

Prerequisite: MAPs math score > 240, "A" in Algebra, and committee recommendation

Course description: This course is an accelerated course in Geometry for the student with greater aptitude and interest in math. The topics of Geometry are studied in much greater depth and intensity using a variety of mathematical methods. Further development of critical thinking is stressed. This course prepares the student for Honors Algebra II and other advanced math courses.

Algebra II (6321/6322, 1.0 Credit, Grades 10, 11, 12) *NCAA Approved*

Prerequisites: 245 > MAPs math score >227, "B" in Geometry or "A" in Geometry Concepts, and committee recommendation

Course description: A second course in Algebra extends studies of real numbers in solving equation and inequalities. Concepts covered include relations, functions, systems of equations, polynomials, rational expressions, powers, roots, complex numbers, quadratic equations and exponential and logarithmic functions.

Algebra II Concepts (6319/6320, 1.0 Credit, Grades 10, 11, 12)

Prerequisites: MAPs math score < 228, qualifying grade, and committee recommendation

Course description: Algebra II Concepts covers the same content as Algebra without going into as much depth on the concepts. This second year of Algebra extends studies of real number in solving equations and inequalities. Concepts covered include relations, functions, systems of equations, polynomials, rational expressions, powers, roots, complex numbers, and quadratic equations.

Honors Algebra II (6323/6324, 1.0 Credit, Grades 9, 10, 11) *NCAA Approved*

Prerequisite: Maps math score >245, "B" in Honors Geometry or "A" in Geometry, and committee recommendation

Course description: This course is an accelerated course in Algebra II for the student with greater aptitude and interest in math. Topics of Algebra II are studied in much greater depth and intensity using a variety of mathematical methods. These topics include; systems of equations, matrices, linear and quadratic functions, polynomials, graphing rational functions, logarithms, and probability. Further development of critical thinking is stressed. This course prepares the student for Pre- Calculus. Students are required to bring a TI-83 or TI-84 graphing calculator to class on a daily basis.

Pre-Calculus with Trigonometry (6501/6512 or 6500/6511, 1.0 Credit, Grades 10, 11, 12) *NCAA Approved*

Prerequisite: MAPs math score < 230, "B" in Algebra II, and committee recommendation

Course description: ~~This course will take an in-depth look into the relationships of triangles, trigonometric functions, and the unit circle. The students will strengthen their analytical reasoning by verify trigonometric identities, deriving inverse functions, logarithms, sequence and series, factor and graph higher degree polynomials and graphing rational functions. The non honors level will progress at a slower pace to enhance content mastery while still covering the same core topics.~~ **This course begins by reviewing and extending the Algebra II topics of analyzing and graphing functions. Additionally, logarithmic, inverse, and piece-wise functions are discussed during the first semester. Second semester we begin with trigonometry and looking at the relationships of triangles, trigonometric functions and their inverses, and the unit circle. Students will strengthen their analytical reasoning by applying and graphing trigonometric functions and verifying trigonometric identities. Other topics in this course may include sequences and series, conics, and limits**

Honors Pre-Calculus with Trigonometry (1.0 Credit, Grades 10, 11, 12)

Prerequisite: Maps math score >245, "B" in Honors Algebra II or "A" in Algebra II, and committee recommendation

Course description: **This course is an accelerated course in pre-calculus designed for the college or AP Calculus bound student. We take an in-depth look at analyzing and graphing polynomials, piece wise functions, rational functions, logarithmic functions, and inverse functions. We then take an in-depth look into the relationships of triangles, trigonometric functions and their inverses, and the unit circle. Students will strengthen their analytical reasoning by applying and graphing trigonometric functions, verifying trigonometric identities, and discovering sequences and series formulas. We conclude the course with the first calculus chapter of limits and continuity. Other topics in this course may include conics, polar and parametric equations.**

Advanced Placement (AP) Calculus (6701/6702, 1.0 Credit, Grade 11, 12) *NCAA Approved*

*Prerequisite: MAPs math score > 250, "A" in Pre-Calculus or "B" in Honors Pre-Calculus, and committee recommendation *There is a \$90 course fee associated with this course that will cover the **required** AP examination fee.*

Course description: ~~In this course students will learn the rule of five: limits & continuity, derivative, applications of derivatives, integration, and applications of integrals. Ideas can be investigated graphically, numerically, analytically, and verbally. Students will be expected to form study groups or seek extra help by utilizing office hours and the online discussion boards.~~

Students will study four major ideas throughout the year: Limits, Derivatives, Indefinite Integrals, and Definite Integrals.

Communication will also be a major goal of this course. Students will be expected to explain problems using the proper terminology to both myself and their fellow classmates. By consistently communicating in a proper mathematical language, students will become proficient in the language expected at the next academic level. Successful completion of this course will prepare the student to take the AP Calculus AB exam to earn college credit. **This course is an accelerated course in Calculus for the student with greater aptitude and interest in mathematics. To be adequately prepared for the AP exam, the year will be devoted to topics in limits and continuity, differentiation, applications of derivatives, integration, and applications of integrals. In order to understand and apply calculus, students will represent topics numerically, graphically, analytically, and verbally. Students will be challenged and develop learning strategies, critical thinking skills, and problem solving techniques to prepare for future math courses and college entrance exams**

Advanced Placement (AP) Statistics (6750/6751, 1.0 Credit, Grade 11, 12) *NCAA Approved*

*Prerequisite: MAPs math score > 240, "A" in Algebra II or "B" in Honors Algebra II, and committee recommendation *There is a \$90 course fee associated with this course that will cover the **required** AP examination fee.*

Course description: In this course, students will be introduced to the major concepts of

probability, interpretation of data, and statistical problem solving. Students will learn the course concepts through hands-on experimentation and investigation. They will analyze existing data as well as data collected through a survey, observational study or experiment. They will then display the data in different ways, analyze it, and draw conclusions based on the results. The four main components of the course are: exploring data and describing patterns, sampling and data collection in which students are required to conduct a study, probability for future occurrences, and inference for populations. Major topics discussed in this class include: event probability, probability distributions (binomial and normal), measure of central tendency and variability, random variables, confidence intervals, regression and correlation. An expected 8-12 hour commitment per week outside of class.

Statistics (6748/6749, 1.0 Credit, Grade 11,12) *NCAA Approved*

Prerequisite: MAPs math score >230, "B" in Algebra II, and committee recommendation

Course description: In this course, students will be introduced to the major concepts of probability, interpretation of data, and statistical problem solving. Students will learn the course concepts through hands-on experimentation and investigation. They will analyze existing data as well as data collected through a survey, observational study or experiment. They will then display the data in different ways, analyze it, and draw conclusions based on the results. The four main components of the course are: exploring data and describing patterns, sampling and data collection in which students are required to conduct a study, probability for future occurrences, and inference for populations. Major topics discussed in this class include: event probability, probability distributions (binomial and normal), measure of central tendency and variability, and random variables.

MUSIC

Band I, II, III, IV (1111/1112, 1.0 Credit, Grades 9, 10, 11, 12)

Prerequisite: Successful membership in Middle School Concert Band or Equivalent

Course description: The concert/athletic band is open to all students enrolled in grades 9-12 with the assumption that the student has experiences previous instruction on his or her primary instrument. The band program is designed to acquaint the student with a wide variety of instrumental music literature through study and performance. Emphasis is given to music of all historical periods. Instruction is intended to broaden each student's experiences and develop an understanding and sensitivity to music meant to last through adulthood.

All, students participate in an athletic band, which ranges in shape from a marching band to pep band at various athletic events. Large emphasis is placed on effort and participation throughout this time. Students work to achieve proficiency in marching fundamentals and music performance.

At the completion of the athletic season (approx. end of first quarter) the band transitions into wind ensemble literature, where students work to achieve greater efficiency in basic musicianship while developing the technical skill necessary to play an instrument.

The concert/athletic band performs throughout the school year. This course also provides exposure and learning related to music theory, history, and literature.

Chorus (1121/1122, 1.0 Credit, Grades 9, 10, 11, 12)

Prerequisite: None

Course description: The chorus is open to all students and does not require auditions or any previous singing experience. Classes focus on learning the basics of music reading, proper use of

the voice for singing, and the preparation of music for public performances during the school year. Choral concepts are presented through a combination of large-group rehearsals, sectional work, and individual voice lessons to students during their study hall or outside of school hours.

Choir performs unisons, two-part, and three-part music during the course of a year. The course also provides exposure and learning related to music appreciation, history, theory, and literature from varying time periods.

Music Appreciation (0.5 Credit, Grades 9, 10, 11, 12)

Music Appreciation and Listening is an introductory semester course to begin to study and research music. Students will learn multiple ways to understand and identify music covering genres from Classical to Modern. The class is composed of four units; Historic Music, Music of the Decades (50's - 80's), Large Ensemble Music (Jazz Bands, Orchestras, Marching Band, Choirs), and finally Modern and Pop music. This course is focused on research and writing, students will also be expected to listen to music frequently and be able to discuss listenings. No musical experience is necessary to take this course.

PHYSICAL EDUCATION

Students are required to participate in Physical Education each semester of attendance, except when taking Health. Students are expected to dress for PE on a daily basis. Students may be exempt if any of the following occurs: (1) Of Junior or Senior standing and participating in an interscholastic athletic program each semester; (2) enrollment in academic class required for admission to a higher education institution conflicts with a PE class; or (3) medical reasons exist. Junior and Senior athletes need to complete a form to indicate he/she will not be participating in daily class.

Physical Education may not be taken as an elective credit

Physical Education 9/10 (7571/7581, 1.0 Credit, Grades 9, 10) Physical Education 11/12 (7572/7582, 1.0 Credit, Grades 11, 12)

Prerequisites: None

Course description: Selected individual and team activities will be learned which promote physical growth, physical fitness and recreational enjoyment. Course will motivate effective and continuous participation after graduation. Beginning, intermediate, and advanced skills will be presented in each activity.

PE - Fitness (7565/7566, 0.5 Credit, Grades 9, 10, 11, 12)

Prerequisites: None

This class provides a great opportunity for students to exercise, enjoy it and to continue exercising when they get into the real world. This unit allows the student to try a variety of exercises in a group setting. Fitness/Body Sculpting will focus on aerobic exercise 2-3 days a week including but not limited to: Cardio kickboxing, TaeBo®, Step Aerobics, Hip Hop and Line Dancing. Resistance Training 1-2 days per week: Resistance Bands, Light Weight Workout, Butts and Guts and Stability Ball. And 1 day of Relaxation which will feature Yoga, Pilates and Deep Breathing Meditation.

Weight Training (7560/7561, 0.5 Credit, Grades 10, 11, 12)

Prerequisite: Teacher approval and signed weight training contract

Course description: This course will focus on instruction and practice in proper techniques of the

development of muscular strength, endurance, and flexibility. Emphasis is on the methods used to build, improve, and maintain proper muscular fitness. Students will be required to follow a weight training program given to them by instructor.

Health (7800, 0.5 Credit, Grade 10)

Prerequisite: None

Course description: This course explores the ever changing, dynamic world of health and wellness, with a focus on teenage health issues, including, but not limited to Relationships, Self-

esteem, Depression, Suicide, Fitness and Nutrition, Drugs, Alcohol, and Tobacco and the Environment. According to the guidelines of the American Red Cross course in Adult CPR and Basic First Aid will also be taught. If successful, the student will receive two certification cards (CPR and First Aid).

SCIENCE

All students must earn three (3) credits in science (1 credit in Biology). Many important decisions will need to be made in the future that will demand an understanding of many scientific principles. For a strong background in science-related careers such as nursing, engineering and college-bound students, the following sequences should be followed:

9 th	10 th	11 th	12 th
Biology Concepts Integrated Science	Biology Concepts Earth Science	Physical Science I & II	General Chemistry (Optional)
Biology	General Chemistry	Physics	AP Biology or AP Chemistry (Optional)
Biology	Honors Chemistry I	Honors Physics AP Biology (16-17) AP Chemistry (15-16)	Honors Physics AP Biology (16-17) AP Chemistry (15-16)

Integrated Science (8198/8199, 1.0 Credit, Grades 9)

Prerequisite: None

This science course is designed to give you an introduction to many different disciplines of science. We will divide the course into four main topics (Biology, Earth Science, Chemistry, and Physics). Throughout the year, we will spend time discussing current events in science and technology. We will develop reading and writing skills specifically used for identifying and comprehending science concepts.

Biology Concepts (8198/8199, 1.0 Credit, Grades 9)

Prerequisite: None

Course Description: Similar in content to Biology, Biology Concepts will progress at a slower pace to enhance content mastery and retention. Students will be introduced to the basic concepts of Biology. Some of the topics covered will include the scientific method, cell biology, genetics, ecology, animal classification, and evolution. This course will involve doing lab work, including the dissection of animals.

Biology (8201/8202, 1.0 Credit, Grades 9) *NCAA Approved*

Prerequisite: Test scores, qualifying grade, and committee recommendation

Course Description: Students will be introduced to the basic concepts of Biology. Some of the topics covered will include the scientific method, cell biology, genetics, ecology, animal classification, and evolution. This course will involve doing lab work, including the dissection of animals.

Earth Science (8010/8011, 1 Credit, Grade 10) *NCAA Approved*

Prerequisite: Test scores, qualifying grade, and committee recommendation

Course Description: This course will introduce students to the basic concepts of Earth Science. Students will explore topics including geology, meteorology, oceanography, astronomy and environmental issues. The scientific methods will be an integral part to both the class and field studies.

Physical Science I (8001, 0.5 Credit, Grade 11) *NCAA Approved*

Prerequisite: Test scores, qualifying grade, and committee recommendation

Course Description: This course is an introduction to chemistry with an emphasis in developing laboratory skills. Topics include: properties of matter, physical and chemical changes, classification of matter, the periodic table, chemical bonding, and chemical reactions.

Physical Science II (8002, 0.5 Credit, Grade 11) *NCAA Approved*

Prerequisite: Test scores, qualifying grade, and committee recommendation

Course Description: This course is an introduction to concepts in physics with an emphasis in developing laboratory skills. Topics include: motion, forces, work, power, simple machines, and forms of energy

General Chemistry (8250/8251, 1.0 Credit, Grades 10, 11, 12) *NCAA Approved*

Prerequisite: Test scores, qualifying grade, and committee recommendation

Course Description: General Chemistry is a course enriched with many lab activities. Topics studied include the relationship between matter and energy, atomic theory, quantum mechanics, the periodic table, chemical bonding, molecular geometry, chemical equations, stoichiometry, and kinetic theory.

Honors Chemistry I (8401/8402, 1.0 Credit, Grades 10, 11) *NCAA Approved*

Prerequisite: MAPs reading score > 224 and MAPs math score > 237, "A" in Biology and "B" in previous math class, and committee recommendation Co-requisite: Current enrollment in Algebra II or Geometry.

Course Description: Chemistry is the study of matter and its changes. Honors Chemistry explores chemistry through a more mathematically oriented approach. Topics studied include the relationship between matter and energy, atomic theory, quantum mechanics, the periodic table, chemical bonding, molecular geometry, chemical equations, stoichiometry, and kinetic theory. Students should be prepared to do 1 - 2 hours of work outside of class per week to find success in this course.

Advanced Placement (AP) Chemistry (8801/8802, 1.0 Credit, Grades 11, 12) *NCAA Approved*

*Prerequisite: MAPs reading score > 232 and MAPs math score > 237, "B" in honor's science class or "A" in traditional science class, and committee recommendation. *There is a \$90 course fee associated with this course that will cover the required AP examination fee.*

Course Description: AP Chemistry is equivalent to a first year, general Chemistry course in college. There is a large emphasis on laboratory activities, which includes recording data, doing calculations and solving problems. Grades are based on laboratory write-ups, problem sets, quizzes, and unit tests. Students should plan about 2 hours per week outside of the classroom for homework, lab work, and test preparation. *This is crucial for success in this course!* In May students will be taking the Advanced Placement test in Chemistry, which may allow students to earn college credit in Chemistry. Content covered includes the structure, of matter, properties of matter, chemical reactions, rates of chemical reactions, thermodynamics, and equilibrium.

This course will be offered in 2017-18 and in subsequent odd years

Advanced Placement (AP) Biology (8301/8302, 1.0 Credit, Grades 11, 12) WRITING INTENSIVE *NCAA Approved*

*Prerequisite: MAPs reading score > 232, "A" in Biology, and committee recommendation *There is a \$90 course fee associated with this course that will cover the required AP examination fee.*

Course Description: AP Biology is for college bound students. This class is meant to be equivalent to an introductory college course. AP Biology is a challenging class that will provide students the opportunity to develop a conceptual framework for modern biology emphasizing the integration of the general topics of biology through the following major themes: Science As A Process; Evolution; Energy Transfer; Continuity and Change, Relationship of Structure And Function; Regulation; Interdependence In Nature; and Science, Technology, and Society. This class will involve lab work and the dissection of animals. AP Biology requires approximately 5- 10 hours of time per week outside of class for independent study and homework.

This course will be offered in 2016-17 and in subsequent even years.

Physics (8599/8600, 1.0 Credit, Grades 11, 12) *NCAA Approved*

Prerequisite: MAPs math score >227, "B" or better in previous traditional science courses, and committee recommendation

Course Description: Our goal is to gain an in depth understanding of each Unit and the sub-topics within. Included Units: Mechanics, Properties of Matter, Heat, Sound, Light, Electricity and Magnetism. We will be working to build critical and creative thinking skills through several different hands-on interactions and problem solving activities.

Honors Physics (8601/8602, 1.0 Credit, Grades 11, 12) *NCAA Approved*

Prerequisite: MAPs math score > 245, "A" in previous traditional science course or "B" in previous honors science course, and committee recommendation Co-Requisite: Concurrent enrollment in Honors Pre-Calculus or AP Calculus

Course Description: Honors Physics is a mathematically oriented course for college-bound students that deal with the fundamentals of forces and motion, forms of energy, heat, sound, light, electricity, magnetism, and nuclear physics. Physics deals with problems at the atomic level, in the real world, and at the galactic level.

SOCIAL STUDIES

Students are required to earn 2.5 credits in Social Studies. One credit must be U.S. History, 0.5 credit in American Government, and 1 credit in World Cultures or AP Human Geography. Also, students must pass the State-mandated Constitution test given in American Government class.

9 th	10 th	11 th	12 th
World Cultures	US History	Civics	Electives
World Cultures	AP Human Geography	AP US History	AP Psychology & Government

World Cultures (9401/9402, 1.0 Credit, Grades 9) *NCAA Approved*

Prerequisite: None.

Course description: Students in this course will study the religions, social lives, philosophies, politics, economics, history and geography of the world. There will be special emphasis on global interactions. Methods will emphasize and enforce language skills including reading, writing, and speaking. There may be projects associated with each unit encouraging individual exploration of more specific topics.

U.S. History (9201/9202, 1.0 Credit, Grades 10, 11) *NCAA Approved*

Prerequisite: None. You may not take both U.S. History and AP U.S. History

Course description: A multicultural study of our nation's past that encompasses the stories of all groups of people who have contributed to our political, social, and economic development from 1492 to the present. Students will be expected to interpret primary source documents, participate in class discussions, complete assigned projects, take notes from lectures, and view films when appropriate.

Advanced Placement (AP) U.S. History (9301/9302, 1.0 Credit, Grade 10, 11, 12) WRITING

INTENSIVE *NCAA Approved*

Prerequisite: You may not take U.S. History and AP U.S. History. *MAPS Reading Score > 232, qualifying grade **Bin AP Human Geography**, and committee recommendation.* *There is a \$90 course fee associated with this course that will cover the **required** AP examination fee.

Course description: The evolution of the United States becoming an increasingly industrial, urbanized, and pluralistic society in this century will be the focus of this course. Throughout the year, students will discover the struggles our nation has had with various domestic and international problems. While the content is similar to the standard U.S. History course, certain topics will be explored in greater depth both in class and through independent research. Projects will be assigned throughout the course to supplement topics of learning. This course is taught at the college level, and the major differences between a high school class and a college class are the amount of reading and focus. Most high school classes stress “What Happened?” intending to provide enough background to ensure good citizenship. College courses stress “Why and How” things happened as well as the consequences of actions. Students will spend between 5-10 hours per week on individual study/assignments.

Advanced Placement (AP) World History (9470/9471, 1.0 Credit, Grades 10, 11, 12) Writing Intensive

NCAA Approved

Prerequisite: Test scores, qualifying grade, and committee recommendation. *There is a \$90 course fee associated with this course that will cover the **required** AP examination fee.

Course description: Students in this course will study topics in World History in depth beginning with the foundation of early civilization and focusing on rising empires, world religions, a world economy, revolution and globalization in the 20th century. Coursework will focus on developing skill in recognizing and understanding cause and effect, trends, themes, and interactions over periods of time. **This course will be offered 2017-18.**

Advanced Placement (AP) Human Geography (9475/9476, 1.0 Credit, Grades 10, 11, 12)

WRITING INTENSIVE *NCAA Approved*

Prerequisite: *MAPs Reading score > 230, A in World Cultures, and committee recommendation.*

*There is a \$90 course fee associated with this course that will cover the **required** AP examination fee.

Course description: Students in this course will study topics in Human Geography in depth beginning with population and demographics and focusing on cultural patterns, rural and urban land use, economic development, and finally political organization of space. Coursework will focus on developing skills in using and thinking about maps and spatial data, defining and evaluating regions, and analyzing interconnections among places. Average time investment per week outside of class is 2-3 hours for reading and writing assignments.

Advanced Placement (AP) Psychology (9901/9902, 1.0 Credit, Grades 11, 12)

NCAA Approved

Prerequisite: *MAPs Reading score > 230, B in Honors English 10 or A in English 10, and committee recommendation.*

*There is a \$90 course fee associated with this course that will cover the **required** AP examination fee.

Course description: The purpose of the AP course in Psychology is to introduce the systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in their science and practice. The course is college-level and requires intensive outside reading, writing, and homework assignments. At the culmination of the course work, students may elect to take the AP test in May. A passing score on the test will be accepted by many colleges for college credit in introductory psychology.

Civics (9500, 0.5 Credit, Grades 11, 12) *NCAA Approved*

Prerequisite: None

Course description: Students will receive a comprehensive overview of the democratic process in the United States with the three separate branches of government (legislative, executive, and judicial) as a foundation. Students are expected to read and analyze both primary and secondary documents, participate in classroom discussions, take thorough notes, view films when appropriate, and pass both the U.S. Constitution and Illinois Constitution exams. Students are also expected to explain the role of compromise and deliberation in the legislative process, evaluate public policies in terms of intended and unintended outcomes and related consequences, and describe the concepts and principles that are inherent to American Constitutional Democracy.

Current Events (9600, 0.5 Credit, Grades 11, 12) *NCAA Approved*

Prerequisite: None

Current events is a one semester elective course in social science. During the course, current global and national events will be studied as they become relevant. Special emphasis will be placed on linking these current events to other courses and topics studied throughout the curriculum. Contemporary economic ideas will be discussed, as they are pertinent to the issues dominating the globe. Daily activities include discussion, journals, editorial critiques, cartoon analysis, *Newsweek* weekly magazine reading, as well as a variety of news programming. Students are expected to take thorough notes, research for greater depth and meaning, and participate in daily discussions.

Economics (9800, 0.5 Credit, Grades 11, 12) *NCAA Approved*

Prerequisite: None

Course description: This course focuses on basic economic concepts, economic institutions, and approaches for analyzing and evaluating economic problems, actions, and policies. Students will explore the roles of consumers and producers in economic life and how money, goods, and services flow. Topics will include the economic problem, supply and demand, command economy, mixed economy, GNP, fiscal policy and the multiplier, national debt, money and monetary policy, inflation, problems of growth, development, and affluence.

This course will be offered 2016-17.

General Psychology (9903, 0.5 Credit, Grades 11, 12) *NCAA Approved*

Prerequisite: None

Course description: This is a study of basic psychological concepts and their applications. Topics include psychological methods, human development, motivation, theories of personality, principles of learning, and personality disturbances and their treatments.

This course will be offered 2016-17.

Sociology (9900, 0.5 Credit, Grades 11, 12) *NCAA Approved*

Prerequisite: None

Course description: Students will analyze the various social institutions (such as family, peer groups, church, and school) that influence human interaction and relationships. At the center of the analysis are three major theories through which professional sociologists assess the world. The topics discussed during the semester include culture, socialization (the process through which we become people), social class (wealth and power), deviant behavior, criminal justice, and education.

This course will be offered 2017-18.

WORLD LANGAUAGES

The goal of the foreign language program at NBSD is for every student enrolled to demonstrate personal mastery in which the student is enrolled. The emphasis of the program is communication, be it in person, in writing, or through reading. Through these processes, the student develops insights into the nature of language and makes connections to other academic disciplines.

Students enrolled in the foreign language program are expected to understand that learning a new language takes time and diligence. Students are to study their vocabulary and grammar, complete all assignments as directed and in a timely manner, speak the language in class, and to prepare for formal and informal assessments.

Cultural themes are intertwined in throughout the year, developing an awareness and appreciation of other cultures and begin to understand how others view the world. This in turn will prepare students to be citizens of the global community in which we live.

Spanish I (3111/3112, 1.0 Credit, Grades 9, 10, 11, 12) *NCAA Approved*

Prerequisite: English grade of C or higher (required for incoming 9th grade students only) None

~~Course description: Students will concentrate on beginning vocabulary, dialogue, and reading skills. Students will be introduced to the cultures of the Spanish-speaking world.~~

This is a foundation course into the Spanish language. Students work towards proficiency in Spanish through consistent use of Spanish in the classroom. Vocabulary and grammar is taught through frequent repetition, reading, and questioning. Students are exposed to a variety of Spanish-speaking cultures in themed units that intertwine the vocabulary and grammar lessons. By the end of Level 1, the student will be able to describe their lives in the present, past, and simple future. Assessment include projects, frequent quizzes, and formal assessments of vocabulary, grammar, and communication skills. Students should expect to spend 15-20 minutes a day on personal review and homework.

Spanish II (3121/3122, 1.0 Credit, Grades 10, 11, 12) *NCAA Approved*

Prerequisite: Minimum grade of C in Spanish I and teacher recommendation Successful completion of Level 1 or Spanish B placement test.

~~Course description: Students continue to build Spanish language skills through listening, reading, speaking, and writing activities. There is more emphasis on verbal communication. Students continue to explore the cultures and traditions of Spanish-speaking countries.~~

This is the second foundation course into the Spanish language. Student continue to develop and practice their communication skills in Spanish. Vocabulary and grammar from Level 1 are reviewed, expanded and refined. New topics encompassing vocabulary and grammar structures are introduced and practiced. Students increase their language proficiency through consistent use of Spanish in the classroom and related activities, as classroom instructions and interactions are mostly in Spanish. By the end of Level 2, students should be able to differentiate between the preterit and imperfect tenses, use the present subjunctive, and describe future events. Assessment include projects, frequent quizzes, and formal assessments of vocabulary, grammar, and communication skills. Students should expect to spend 15-30 minutes a day on personal review and homework.

Spanish III (3131/3132, 1.0 Credit, Grades 11, 12) *NCAA Approved*

Prerequisite: Minimum grade of C in Spanish II and teacher recommendation Successful completion of Level 2

~~Course description: Spanish will be the primary language in the classroom. Students will work on fine-tuning their speaking, writing, reading, and overall comprehension skills. Students will expand their knowledge of Hispanic history and geography.~~ Level 3 provides more extensive development and practice in communication though consistent instruction and interaction in Spanish. This class is taught

almost entirely in Spanish. New grammar objectives are introduced in themed units. By the end of Level 3, the student should be able to demonstrate the perfect tenses, the present and past subjunctive, the conditional, and the passive voice structures. Instructional delivery in this combined class depends upon the concepts and material presented as well as on the composition and dynamics of each group of students. Differentiation between levels occurs most often through classroom activities, assignments, and assessments.

Honors Spanish IV (3141/3142, 1.0 Credit, Grade 12) *NCAA Approved*

Prerequisite: Minimum grade of B in Spanish III and teacher recommendation.

~~Course description: Spanish will be the primary language of the classroom. Students will do independent research, oral presentations, and written essays in Spanish. Students will continue to study the cultures and geography of Spanish Speaking countries.~~ Level 4 provides deeper development, refinement, and understanding of the Spanish language. Emphasis is on communication skills- reading comprehension, listening comprehension, speaking fluency, and writing. Classroom instruction and interactions are entirely in Spanish. Students are expected to be able to move through material quickly and independently. Assessment include projects, frequent quizzes, and formal assessments of vocabulary, grammar, and communication skills. Level 4 Honors students should expect to spend 30-40 minutes a day on personal review and homework.

French I (3011/3012, 1.0 Credit, Grades 9, 10, 11, 12) *NCAA Approved*

Prerequisite: English grade of C or higher (required for incoming 9th grade students only)

Course description: Emphasis is on the basics of elementary spoken and written French. Beginning students will learn simple vocabulary, phrases and dialogue. Students will also be introduced to French history, culture and geography.

French II (3021/3022, 1.0 Credit, Grades 10, 11, 12) *NCAA Approved*

Prerequisite: Grade of C or above in French I and teacher recommendation

Course description: Students continue to build language skills - listening, speaking, reading and writing. There is more emphasis on communication. Students develop an appreciation and understanding of the Francophone cultures.

French III (3031/3032, 1.0 Credit, Grades 11, 12) *NCAA Approved*

Prerequisite: Grade of C or above in French II and teacher recommendation

Course description: This level presents advanced grammar, reading and writing. Students do independent research and oral presentations. Emphasis is on oral and written communication. Class will be conducted as much as possible in French. Students will also continue to build knowledge in Francophone history, culture and geography.

Honors French IV (3041/3042, 1.0 Credit, Grade 12) *NCAA Approved*

Prerequisite: Grade of C or above in French III and teacher recommendation

Course description: Focus is on literary works, independent research and oral communication

skills in addition to continuing studies in grammar and Francophone culture. Class will be conducted primarily in French.

SPECIAL EDUCATION

District 200 provides special education services to students who are identified as eligible according to state and federal regulations and guidelines. In order to receive services at North Boone High School, an educational evaluation must be completed and a Multi-Disciplinary Conference (MDC) held to determine eligibility. Students with disabilities will have an Individual Education Plan (IEP) designed to meet their specific educational needs.

In addition to our specially trained teaching staff, a school psychologist, social worker, physical therapist, occupational therapist, and other program consultants also provide services.

A continuation of special education services includes: consultative services, accommodations and modifications within the general education classroom, special education classes, and functional life skills classes. Currently North Boone High School offers the following special education courses for eligible students: Functional Life Skills Classes, Math I, II, III, IV Paced (**NCAA Approved for Special Education Only**), English I, II, III, IV Paced (**NCAA Approved for Special Education Only**), **Vocational Education**, and Study Skills.

CEANCI PROGRAM – SKILLED TECHNOLOGIES

North Boone High School students are welcome to enroll in the CEANCI program of skilled technology courses available at regional high schools. The student must complete an application for the program of his/her choice and submit it to the NBHS counselor by **early March 2016**. The student must provide his/her own transportation to the class site and complete the two semesters of coursework. **Students are NOT allowed to drop a CEANCI course.**

Some of the courses available include:

- Certified Manufacturing Associate (site is RVC)
- Pre-Engineering (site is Hononegah High School)
- Graphic Communications & Computer Programming (site is Harlem High)
- Automotive Service Technology (site is RVC or Hononegah High School)
- Health Occupations & Medical Science (site is RVC or Auburn High School)
- Fire Science & EMT (site is RVC)

DUAL CREDIT COURSEWORK

Courses taken through a college program with the approval of the Principal may be substituted for some high school courses. The students requesting dual credit will have the class grade count in his/her overall cumulative grade point average. The opportunity to take coursework for both college and high school credit benefits the students in many ways...

1. The student can supplement the high school curriculum with courses not available at the high school.
2. The student can begin earning credits toward their college degree.

3. The student becomes more aware of the college setting and then is more prepared to attend college full-time after graduation.

RUNNING START

Running Start is a program that provide academically motivated students an opportunity to take college courses at Rock Valley College (RVC), full-time, during their junior and/or senior year of high school as part of their high school education. The courses taken will be for Dual Credit, simultaneously meeting the requirements for both high school diploma and an Associate Diploma. The Running Start program will be administered through the High School Connections office at RVC, in conjunction with the high schools.

Our School District, NBCUSD #200, pays \$5,500 for your student to participate in this program. It is the understanding that once your student enrolls – he/she must pass all required courses both semesters of the program. If your student drops out of a class after it starts or fails, a pro-rated fee will be assessed onto the student's school account. If a student later retakes the same class and pays for it on their own, the fee will be dropped from the student's account. Any fees added to the student's account are the obligation of the family to pay prior to graduation. Further requirements of the program include at 95% attendance rate the year prior to entering Running Start and a GPA of 3.5 or above.

If you are interested in enrolling in a college course for dual credit, please review the Rock Valley College Dual Credit Enrollment Information on this page.

Move ahead with Dual Credit classes

Dual credit courses are real college level courses and have the same content and expectations as all Rock Valley College courses. Dual credit courses should not be used as a way to “make-up” courses that you failed in high school.

As a dual credit participant, you are required to follow all drop and withdrawal policies of RVC as stated in the RVC credit schedule and are responsible for credit schedule and are responsible for all tuition, fees, textbooks, and other costs associated with the dual credit course.

RVC courses, including dual credit courses, that have an *IAI designation will transfer to most colleges and universities in Illinois. There are a few colleges and universities that will not allow college credit to be used toward degree completion if the same credit was used to complete a high school graduation requirement. Students are strongly encouraged to contact the institution in which they plan to attend to verify transferability. Also, the acceptable passing grade for any college course is a C. If a D or F is earned, the course will not be recognized for transfer.

*Illinois Articulation Initiative, see www.itransfer.org for more information.

Remember... when you enroll in a college course it becomes part of your permanent transcript and will follow you, even if you enroll at another college or university!

Are you eligible to enroll in an RVC dual credit class? Yes, if you are...

- Enrolled in high school.
- In good standing with your high school.
- Qualifying Accuplacer Scores in English, Reading, and Mathematics

AWARDS

There are many opportunities for students to receive awards throughout high school, especially Senior year. (Senior Awards and scholarship opportunities are too numerous to include in this Guide.) The following are special awards given each year to North Boone students.

Valedictorian & Salutatorian

The two Seniors who academically rank first or second in their class at the end of the eighth semester will receive recognition as North Boone High School Valedictorian (first) and Salutatorian (second). Included in this selection process are students who have been on a standard/honors curriculum and grading scale throughout their high school career. This does not include students on a reduced/modified curriculum and/or grading scale.

If, after eight semesters, those in the running for valedictorian and salutatorian have all straight As, the determination of valedictorian and salutatorian would be decided as follows...

- The student with the highest number of honors/AP courses between those eligible would be considered valedictorian.
- If students have all As and take the same number of honors/AP courses, then the student who earned the highest number of credits would be named valedictorian.
- Decision for salutatorian would work the same way.

In the event that students have identical grade point averages, number of honors/AP courses, and total number of credits; a Co- Valedictorian/Co-Salutatorian will be named.

In addition to being recognized during the Graduation ceremony, each student is given a medal and presented a scholarship from the North Boone Education Association (faculty of all District #200 schools).

SCHOLASTIC ACTIVITIES

Math Team

Math Team competes in the ICTM (Illinois Council of Teachers of Mathematics) Regional Competition. Winners can advance to State level competition. Interested students in all grades are eligible to participate.

Porter Scholar Program at Beloit College

The Beloit College Porter Scholar Program is an educational opportunity available to qualifying Seniors. Students in the top 10% of the Junior class are eligible to apply by completing the usual Beloit College application process. Students are notified of acceptance into the program in May. They then can register for a college class that will fit into their North Boone Senior year schedule. Students will receive High School credit and college credit. There is no cost to the students, but they must provide their own transportation.

This is an outstanding, inexpensive way to experience the college environment while still attending high school.

Scholastic Bowl

This involves interscholastic competition and is open to anyone who would like to participate. A Scholastic Team Meet consists of answering questions in the areas of Math, Science, Literature, Social Science, Language Arts, Fine Arts, Performing Arts, and others. These questions are responded to in direct, head-to-head competition with teams from other schools. Competition begins at the conference level with the opportunity to advance to state level competition.

Science Olympiad

This is a National Interscholastic competition. Teams of two or three members compete in events to earn points for the school's teams. Science Olympiad events involve all of the sciences along with building events.

WYSE Academic Challenge Team

This is an interscholastic test competition in which the participants are chosen by faculty recommendation. These students then compete against other schools by taking a test in a certain subject area. The subject areas include Chemistry, Math, Physics, English, Biology, Computer Fundamentals, and Engineering Graphics.

CLUBS/ORGANIZATIONS

Chess Club

The Chess Club is open to all students and offers the opportunity to participate at the level of their ability. Seasoned players who have displayed their skill by climbing our "chess ladder" make up our Varsity and Junior Varsity teams. Newcomers to the game get an opportunity to hone their game at weekly matches.

Drama Club

Each year the North Boone Drama Club puts on two full length shows. We put on a play in the fall and a musical, in conjunction with the music department, in the spring. Students have the opportunity to audition for roles in both shows. One does not have to be in choir in order to audition for the musical. Most rehearsal times are after school. There are also opportunities for students to become involved in the many technical aspects of theater. For each show we need people to run a computerized light board, man the spot light and help with the sound system. Each show also needs a crew for costumes, make-up and props. If you have an artistic bent or enjoy building things, using a hammer and nail or a skill saw, we meet one or two Saturdays during show times to build the set.

French Club

French Club is an activity-based club, open to all students interested in French culture. The club meets each month with seasonal activities including Halloween, Christmas, Mardi Gras and Valentines Day as they are celebrated in France. Other activities include French videos and preparing French foods. The year-end activity is a dinner at a French restaurant. Come celebrate everything French with us – allez viens!

Future Farmers of America (FFA)

The primary purpose of FFA is to serve young people who are interested in a variety of agriculture careers. In FFA students learn by doing. Students will develop personal and leadership skills they will use the rest of their lives. FFA members experience a variety of activities including career development and community service.

Students must be enrolled in an Agricultural Class to be an FFA member.

National Honor Society

Membership in the National Honor Society is one of the highest honors that can be awarded to a High School student. The NHS strives to bring the accomplishments of outstanding students to the attention of parents, teachers, peers and community. No student is automatically inducted simply because of a high academic achievement. Students are nominated based on a cumulative grade point average of 3.0. Each student nominated may seek membership by completing the required paperwork by the deadline. A five member faculty committee then makes the final selection of members.

Natural Helpers Program

Natural Helpers is a student organization that strives to improve the condition of the community around us through volunteer work such as: helping serve dinner at Rockford Rescue Mission, organize a holiday food and clothing drive, visit Maple Crest Nursing Home, and make Easter baskets for Catholic Charities. We also raise money throughout the year to help others in need by doing fun activities such as selling candy bars and planning a spaghetti dinner.

Spirit Club

Spirit Club is open to all students. Purpose of the club is to get all students involved to attend games, design a spirit shirt and support our teams. 1st meeting is at the beginning of basketball season.

Student Council

Student Council is a student government organization working for academic and social improvement at North Boone High School. Student Council, "Stu-Co", actively works for open communication between the high school, middle school, elementary schools, and the community. Three representatives from each class are elected by the student body and two representatives from each class are selected "at large".

Among the many projects Stu-Co is involved in ranges from Homecoming events, staff breakfasts, teacher appreciation week, NBHS wall of pride, donations for those in need and school assemblies. Student representatives need to be dependable, have a good attitude, and be willing to work.

INTERSCHOLASTIC ACTIVITIES

SPORTS

Fall: Cross Country, Football, Boys' Soccer, Volleyball

Winter: Basketball, Wrestling

Spring: Baseball, Golf, Girls' Soccer, Softball, Track

All sports are part of the Big Northern Conference and are offered to students in grades 9-12.

CHEERLEADING

Fall: Varsity and Junior Varsity Football

Winter: Varsity and Junior Varsity Basketball

Cheerleading tryouts are usually held in Spring for the following year. Everyone is welcome to try out. New cheerleaders are encouraged to attend cheerleading camp during the summer.

Cheerleaders need a good positive attitude and a willingness to work together as a team. Our major goal is to build school spirit at North Boone.