



**NRHEG High School**

**2020-2021**

**Registration Manual**

## General Information for Students and Parents

The registration manual lists graduation requirements that have been established by the NRHEG School Board and the State of Minnesota. The manual is subject to change, particularly the standards and credits as may be required by changes in federal education related legislation, state law, or school board action.

It is essential that you are familiar with the requirements for graduation. It is in a student's best interest to plan as far in advance as possible for their high school experience. There is a four-year planning sheet on page 20 of this manual and one that all students will receive on the back of their registration form. Each student is asked to complete the four-year plan, which will then be kept in the counseling office for future reference. The four-year plan is not intended to "lock" students into a four-year program. A student's plan can be changed. The four-year plan is a tool that will assist students in meeting graduation requirements and college entrance requirements or other needs for after high school.

Registration for high school classes is an important process. The high school staff is available for advice and help in the planning process. The high school counselor meets with each grade to go through the entire manual, explain the registration process and go through graduation and college entrance requirements. The counselor is also available for individual appointments to help students/parents with registration.

All registrations must be approved, with a signature, by the student registering as well as by a parent or guardian.

### NRHEG High School Graduation Requirements

Students must enroll in a minimum of 48 semester credits during their four years of high school. To graduate, students must complete a minimum of 48 semester credits. Below is a list of required classes and the number of elective credits you must register for.

#### Ninth Grade

|                        |                |
|------------------------|----------------|
| English 9              | 2 credits      |
| Civics/Human Geography | 2 credits      |
| Geometry               | 2 credits      |
| Physics 9              | 2 credits      |
| Physical Education     | 1 credit       |
| Computer Skills        | 1 credit       |
| Electives              | 2 to 4 credits |

#### Tenth Grade

|                              |                |
|------------------------------|----------------|
| English 10                   | 2 credits      |
| American History             | 2 credits      |
| Int. Algebra or Adv. Algebra | 2 credits      |
| Biology                      | 2 credits      |
| Health/Physical Education    | 2 credits      |
| Electives                    | 2 to 4 credits |

#### Eleventh Grade

|                                              |                |
|----------------------------------------------|----------------|
| English (Choices)                            | 2 credits      |
| Adv. Algebra (or college credit math option) | 2 credits      |
| World History (or AP Euro History option)    | 1 credit       |
| Money Mgmt./Careers                          | 1 credit       |
| Electives                                    | 6 to 8 credits |

#### Twelfth Grade

|                      |                 |
|----------------------|-----------------|
| English (Choices)    | 2 credits       |
| Government/Economics | 2 credits       |
| Electives            | 8 to 10 credits |

In addition to the credits outlined above, students must also have the following: A) Two credits of the arts. To meet this requirement, students can choose from Band, Choir, Intro to Music, all art classes, Housing/Design, Woods I and II, Plant Science I and II and Metals. B) Two additional credits of science. To meet this requirement students can choose from Health Science Academy, Anatomy, Chemistry, College Chemistry or Physics. Or, students can take any two of the ag or food science classes: Plant Science, Natural Resource Science, Animal Science or Food Science.

## High School Testing

The State of Minnesota requires all public schools to offer the following tests to every high school student:

- Grade 9, Citizenship Test
- Grade 10, MCA Reading Test, MCA Science Test
- Grade 11, MCA Math Test, ACT college entrance test

While the tests listed above must be offered to all students, many juniors and seniors may also need to take the accuplacer test (used by all Minnesota community and technical colleges) and may choose to retake the ACT test. See the counseling office for more information.

## College Credit Opportunities

Students, there are four ways you can earn college credit by taking courses here at NRHEG. These opportunities are possible through Articulated courses, the College Now program, Advanced Placement and the Health Science program explained below.

- 1) **Articulated courses** are certain courses students can take in high school and receive credit or partial credit for those courses at various Minnesota Technical and Community Colleges. This is a way for students to save time and money in their future technical or community college program. For more information, go to [www.ctecreditmn.com](http://www.ctecreditmn.com). At this website, students can create an account for themselves, which will keep track of their articulated credit earned. The articulated courses for 2020-2021 are Child Development and Culinary Arts in the FACS department, and the following Ag classes: Ag Mechanics, Ag Power and Electrification, Animal Science, Natural Resource Science, Plant Science, Welding II and Metals. **These courses are indicated in the manual with a double asterisk \*\* by their title.** Any student in grades 10-12, regardless of GPA and class rank, can earn articulated credit by taking one of these classes.
- 2) The **College Now Program** allows students the opportunity to earn college credit through Southwest Minnesota State University for certain classes taken here at NRHEG. For students not planning to attend Southwest State after high school graduation, the College Now courses transfer to other colleges or universities on the same basis as all other Southwest State courses. To enroll in College Now courses, students must meet the following criteria: a) Be ranked in the top 1/3 of your class at the end of your sophomore year, or in the top 1/2 of your class at the end of your junior year. b) Be ready to take on a rigorous course of study that will require more work and good study skills.

There are seven College Now courses being offered in 2020-2021. "College English", and "College American Government" are open only to seniors. "College Literature", "College Chemistry", "College Algebra", "College Trigonometry" and "Calculus" are open to both juniors and seniors.

- 3) **Advanced Placement** is a program sponsored by the College Board. Students must meet the same criteria as the College Now program in order to take an AP course. Most colleges will accept AP courses for college credit if a student has passed the end of year AP test. The only AP course at NRHEG for 2020-2021 is European History, which will fulfill the World History credit requirement needed for graduation.
- 4) See page 11 for information on the **Health Science Academy** program.

## Registration Guidelines

Students, be certain that you have registered for at least six classes each semester, plus two alternate choices. You are encouraged to take seven classes each semester unless you need and will use a study hall to get work done. Complete the registration form for each semester, have a parent/guardian sign the form, and return the form to the counseling office by the due date.

### Drop/Add

Students will not be allowed to drop/add classes for fall semester 2020. Due to state guidelines, classrooms have been scheduled to accommodate appropriate social distancing. Due to the complexities and multiple variables that went into the fall schedule, maintaining social distancing, and keeping classrooms at 15 or less students, we are unable to accommodate schedule changes at this time. Thank you for your understanding and patience.

### Tutor and Teacher Assistant Programs

The tutor and teacher assistant programs are available to juniors and seniors who have not failed any classes the previous year. Juniors and seniors who are interested in being a TA need to complete a short application. Placement is not guaranteed. Students can earn ½ credit per semester for being a tutor/teacher assistant.

## College Entrance Requirements

As you are making your course plans for next year and your four-year plan, keep in mind the following requirements/recommendations for college entrance.

**Four-year colleges:** Most four-year colleges, including the Minnesota State University System, require the following courses to be taken in high school:

English – Four years

Social Studies – Three years

Science – Three years

World Language – Two years

The Arts (includes music) or World Culture – One year

\*Math – Three years (Int. Algebra, Geometry, Adv. Algebra) required. A fourth year is recommended.

The University of Minnesota requires four years of math.

Most four-year colleges also require the ACT or SAT college entrance test. The ACT is much more commonly used throughout the Midwest. All students will have the opportunity to take the ACT in March or April of their junior year. See the counseling office or [www.actstudent.org](http://www.actstudent.org) for more information. Having a class rank at least in the top half of your class is also very important for admission to a four-year college.

**Two-year colleges:** Most two-year colleges simply require a high school diploma for general admission. However, many majors/programs at technical and community colleges do have certain course requirements in order to get into the major/program. Also, students must score at satisfactory levels on the “Accuplacer” college placement test in order to take college level classes. The Accuplacer is offered in school to seniors each year. See the counseling office for more information.

**For all post-high school plans:** It always helps your chances of being admitted to the college of your choice and your chances of winning scholarship money if you’ve been active in a variety of activities and demonstrated positive leadership in school and your activities.

## CURRICULUM GUIDE

### English

English 9

2 Sems.

Grade 9 Required  
1 Vocabulary, Composition, Literature and Grammar  
1 Speaking, Drama and Literature, Novel and Short Stories

English 10 2 Sems.  
Grade 10 Required  
2 Composition, Grammar, Drama and Literature  
2 Speech Communication, Research for Communication, Drama and Literature

### **Junior and Senior English Choices**

*(Students must complete at least one reading oriented and one writing oriented course among the four semesters of Jr./Sr. English that are required for graduation.)*

Myths and Monsters (*Reading Oriented*) 1 Sem.  
Grades 11, 12

3 Exposes students to literature related to fantastic topics. Topics that may be covered include Greek/Roman mythology, “Beowulf”, “Children of Hurin” (Tolkien), and contemporary science fiction/fantasy such as “The Empire Strikes Back.”

Great Authors (*Reading Oriented*) 1 Sem.  
Grades 11, 12

4 Familiarizes students with great and famous authors and their works from a variety of historical periods. Student analysis of these works will be part of the curriculum. Possible authors to review include Twain, Gaines, Steinbeck, Harper, Lee, Wilder, Shakespeare, Shelley, Grisham, Christie and others.

Speech and Drama (*Reading Oriented*) 1 Sem.  
Grades 11, 12

5 Students will read, analyze and give reaction to plays and poetry from a variety of contexts. Public speaking, performance and stage technique will also be included.

Media Analysis (**NEW!**) (*Reading Oriented*) 1 Sem.  
Grades 11, 12

Students will analyze the rhetorical techniques of professional/creative genres through close critical reading; write original works that demonstrate competent use of professional discourse and/or creative conventions; articulate rhetorical/stylistic insights in class discussions or workshops; consult and incorporate appropriate sources in the service of original composition; and evaluate the suitability of various genres and forms for different rhetorical purposes.

Project Based Writing : (**NEW!**) (*Writing Oriented*) 1 Sem  
Grades 11, 12

When engaged in project-based learning, students will be assigned a project or series of projects that require them to use diverse skills—such as researching, writing, interviewing, collaborating, or public speaking—to produce various work products, such as research papers, scientific studies, public-policy proposals, multimedia presentations, video documentaries, art installations, or musical and theatrical performances, for example.

Creative Writing (Writing Oriented) 1 Sem.

Grades 11, 12

Max Students: 25

6 Challenges students to create original written works in a variety of styles including fiction, non-fiction, poetry, short story and newspaper/magazine articles.

Extreme Non-Fiction (Writing Oriented) 1 Sem.

Grades 11, 12

7 Exposes students to non-fiction writing related to extreme periods in history, including the holocaust, war and various historical settings. Students will be asked to respond to these readings with reaction, criticism and non-fiction writing of their own.

Everyday Communication (Writing Oriented) 1 Sem.

Grades 11, 12

8 Offers students a chance to build and strengthen skills in a wide range of spoken and written communication styles. Areas covered will include resume writing, interviewing, public speaking and persuasion, critical reading and research writing.

College English (College Now Class) (Writing Oriented) 1 Sem.

Grade 12

9 This course can be taken by qualifying seniors as a college level course. This is a writing course designed to help students develop effective writing skills at a college level. Students will understand and demonstrate the writing/composing processes through invention, organization, drafting, revision, editing and presentation.

Journalistic Writing (Writing Oriented) 1 Sem.

Grades 11, 12

118 This course focuses on styles of journalistic and informative writing likely to be used in publications. Basic tenets of journalistic style, elements of photography, smooth incorporation of direct and indirect quotation, interviewing skills and proofreading will all be practiced. Course includes practical experience writing and submitting materials for publication in local newspapers.

College Literature (College Now Class) (Reading Oriented) 1 Sem.

Grades 11, 12

**\*Great Authors is recommended as a prerequisite\***

119 This course can be taken by qualifying juniors and seniors as a college level course. This course will deepen students' understanding and appreciation of literature as an art form as well as strengthen students' ability to read short stories, poems, novels and drama for meaning.

## Social Studies

Civics 1 Sem.

Grade 9

Required

10 Civics: county, state and local government.

Human Geography 1 Sem.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Grade 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Required |
| <u>11</u> The study of people, locations and environments throughout the world.                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |
| <u>American History</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2 Sems.  |
| Grade 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Required |
| <u>12</u> Events leading up to, including and after the Civil War.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |
| <u>12</u> The industrial growth of America to the West as well as a growing urban nation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |
| <u>World History</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 Sem.   |
| Grade 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Required |
| <u>13</u> Study of the development of humans and their path to a civilized society.<br>Study of different civilizations and their political, religious and culture structures.                                                                                                                                                                                                                                                                                                                                                                                |          |
| <u>American Government</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1 Sem.   |
| Grade 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Required |
| <u>14</u> Study of the Federal Government System.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |
| <u>Economics</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 Sem.   |
| Grade 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Required |
| <u>15</u> Study of socio-economics and the American economic system.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |
| <u>Psychology</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1 Sem.   |
| Grades 11, 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Elective |
| <u>16</u> Psychology will cover the basic terminology and concepts of the human mind. Students will be involved in interpreting and predicting human behavior. Students will develop an understanding of the importance of interpersonal communication in personal and professional life. Careers involving psychology will also be discussed and related to the course material. These careers will range from medical to counseling.                                                                                                                        |          |
| <u>Sociology</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 Sem.   |
| Grades 11, 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Elective |
| <u>17</u> Sociology will cover the basic terminology and concepts of human behavior in different societies. Students will be involved in interpreting beliefs and values of societal groups. Students will also study how human behavior differs not only in the United States, but also around the world.                                                                                                                                                                                                                                                    |          |
| <u>The Holocaust</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 Sem.   |
| Grades 11, 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Elective |
| Max Students: 28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |
| <u>18</u> An in-depth analysis of world history's greatest tragedy. The course will discuss the rise of Nazism and the persecution of Jews as well as the legacy of hate and intolerance. Students will learn the ideas behind inclusion, tolerance and cultural diversity.                                                                                                                                                                                                                                                                                   |          |
| <u>AP European History</u> (Advanced Placement Class)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 Sems.  |
| Grades 11, 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Elective |
| <u>19</u> This is a college level course on European history that introduces students to the cultural, economic, political and social developments that have shaped Europe and the rest of the world since 1450. Students will seek to understand the principal themes of European history, analyze historical evidence and historical interpretations, and express historical understanding in writing. The major areas of study will include the age of Napoleon, the industrial revolution, the beginning of the 20 <sup>th</sup> century, world war I and |          |

II, the cold war and the modern western world. This course will count as fulfilling the world history credit required for graduation.

College American Government (College Now Class) 1 Sem.  
Grade 12 Elective

20 This course can be taken by qualifying seniors instead of the regular American Government. Includes the study of the United States Government in all of its aspects with special emphasis placed on constitutional theory, major governmental institutions and the national political culture and practice.

AP Microeconomics 1 Sem.  
Grade 12 Elective

116 Introduction of supply and demand analysis; study of competition and monopoly power; resource allocation, pricing and the market system; business and labor regulation; and income distribution. This course requires a mathematical background including two years of high school algebra.

## Mathematics

**(Students at all levels of high school math will need a TI-83 or TI-84 graphing calculator!)**

Intermediate Algebra 2 Sems.  
Grades 9, 10, 11, 12 Required

21 A full year course in algebra from a modern standpoint. Int. Algebra provides a foundation for the upper level mathematics courses. Equations and inequalities of the 1st and 2nd degree are explored as well as introducing data analysis. **Students will need a TI-83 or TI-84 graphing calculator.**

21 Second semester continuation of the above.

Geometry 2 Sems.  
Grade 9, 10, 11, 12 Required

22 This course places an emphasis on student investigation and discovery to find geometric relationships through cooperative learning. Students will study a wide range of topics including two- and three-dimensional figures, inductive and deductive reasoning and proof writing, and trigonometry. **Students will need a TI-83 or TI-84 graphing calculator for this class.**

22 Second semester continuation of the above.

Advanced Algebra 2 Sems.  
Grades 10, 11, 12 Required

**Prerequisite: Int. Algebra**

23 This course further explores the topics introduced in Int. Algebra including linear and quadratic equations and inequalities, exponents and radicals. We will cover the math standards required by the state of Minnesota that were not covered in Int. Algebra and Geometry. **Students will need a TI-83 or TI-84 graphing calculator for this class.**

23 Second semester continuation of the above.

College Algebra (College Now Class) 1 Sem.  
Grade 11, 12 Elective

**Prerequisite: Advanced Algebra with a grade of B- or higher. For seniors choosing to take College Algebra, it is highly recommended that you scored at least a 22 or higher on the math portion of the ACT test.**

24 A study of the concepts of algebra at a college level. Topics include: equations and inequalities; polynomial, rational, exponential and logarithmic functions and their graphs; and systems of linear and



non-linear equations. **Students will need a TI-83 or TI-84 graphing calculator for this class.**

College Trigonometry (College Now Class) 1 Sem.  
Grade 11, 12 Elective

**Prerequisite: College Algebra**

25 A study of both right-triangle trigonometry and circular functions with an emphasis on real-life applications. Topics include: writing and solving trigonometric equations; graphing and interpreting graphs of trigonometric functions; reading and proving trigonometric identities; and writing and using vectors. **Students will need a TI-83 or TI-84 graphing calculator for this class.**

Calculus (College Now Class) 2 Sems.  
Grade 12 Elective

**Prerequisite: College Algebra and College Trigonometry**

26 This course is a study in differential and integral calculus. Topics include an introduction to limits and continuity, derivatives and their applications, integrals and their application, anti-derivatives and the Fundamental Theorem of Calculus, as well as an introduction to differential equations using slope fields and Euler's Method. There is an emphasis on conceptual understanding and working with functions represented graphically, numerically, and analytically. The graphing calculator is used extensively. **Students will need a TI-83 or TI-84 graphing calculator for this class.**

26 Second semester continuation of the above.

## Science

Physics 9 2 Sems.  
Grade 9 Required

30 This laboratory science course is an introduction to chemistry and physics principles. Students will be using lab equipment and other resources to investigate the characteristic properties of matter and energy. This course has an emphasis on laboratory safety, metric system measurement, scientific report writing, and use of mathematics in science.

30 Second semester continuation of the above.

Biology 2 Sems.  
Grade 10 Required

31 This class covers cell structure, simple genetics, invertebrates and the vertebrates. This class will study all animal phylum. Structure and functions of the animal systems will be demonstrated by dissections of several animals. The use of taxonomic keys will be used to identify insects and other animals.

31 Continuation of the above.

**Students must take one of the science electives below, or take two of the FACS and ag education science classes.**

Human Anatomy 2 Sems.  
Grades 11, 12 Elective

**Prerequisite: Physical Science and Biology**

35 This semester of Human Anatomy will cover the skeletal, muscular, circulatory, and reproductive systems. Both the structure and functions will be covered.

35 A continuation of first semester, systems covered will be: digestive, nervous, endocrine, respiratory, lymphatic and immune.

Chemistry 2 Sems.  
Grades 11, 12 Elective

**Prerequisite: Physical Science and Biology**

- 36 Chemistry is the study of materials, their composition and structure, and the changes they undergo. By studying chemistry, students will be able to understand the nature of the materials around them and the many practical benefits of chemistry in our society. Students will learn how to think scientifically and solve problems through use of scientific processes. They will have opportunities to engage in scientific work through laboratory and other hands-on activities. Students enrolling in Chemistry should have good working knowledge of Algebra.
- 36 Second semester continuation of the above.

Physics 2 Sems.  
Grades 11, 12 Elective

**Prerequisite: Physical Science and Biology. Also, Adv. Algebra with at least a “C” or higher.**

- 37 A study of motion, mechanics, wave theory, sound, optics, electricity, thermodynamics, and modern physics. A laboratory class, students should plan to stay in this course for the full year. Students need a solid background in Algebra.
- 37 Continuation of the above

College Chemistry (College Now Class) 2 Sems.  
Grades 11, 12 Elective

**Prerequisite: Completed Adv. Algebra with a grade of “B” or higher.**

- 38 This course is designed to be the first course in college chemistry for students planning to major in a science field. Topics include chemical and physical properties of matter, atomic and molecular structure, bonding, chemical notation, inorganic nomenclature, stoichiometry and periodic laws. The course includes both lecture and laboratory activities.

### **Health Science Academy**

**WHAT:** A unique opportunity for interested NRHEG Juniors and Seniors to participate in a health careers program designed to help high school students prepare for a variety of health care related occupations. The program consists of both coursework (potential college credit courses, “Health Science Technology” and “Medical Terminology”) and practical, hands-on clinical experiences.

**WHEN and WHERE:** Participating students would be enrolled in the program throughout the year during the 1<sup>st</sup> period of the day. One day each week students will be doing the clinical experiences from 8:00 to 9:00 am at the Waseca-Mayo Clinic and Hospital in Waseca, and the other four days each week students will be working on their online Medical Terminology and Health Science courses.

**WHO:** Interested juniors and seniors with at least a 3.0 GPA may apply. A total of 50 students can be accepted into the Academy from Waseca, NRHEG, JWP, WEM and other area schools. The Academy instructors make the decisions regarding which students are accepted.

**HOW:** Students who qualify and pre-register for the class in February will get a link to an online application from the counseling office in April or May.

**OTHER CONSIDERATIONS:** Students are completely responsible for transportation to and from the clinical experience site. The school district will not be providing transportation for this opportunity. There will be a minimal fee for the program (\$20 - \$30) for a required scrubs uniform and other possible materials. Some of the clinical experiences may be available at the New Richland Care Center. Juniors accepted into the academy will have the opportunity to take further courses in the program their senior year.

*Students interested in taking the Health Science Academy program should indicate “Health Science Academy”, registration number 34, on their registration form. It is a year-long class.*

## **Business**

### **Computer Applications I \*\***

Grade 9

1 Sem.

Required

Max Students: 24

40 Computer Applications I is an introductory course that covers the operation of the personal computer hardware and software (Microsoft Office). The course is an overview of a personal computer operating system, word processing (Word), spreadsheet (Excel), and presentation (PowerPoint). Students will create many types of personal and business communications, professional looking reports, charts, and multimedia presentations. Students will apply technology applications to solve and/or present solutions to problems and will develop skills with file management and network use. A final culminating software applications simulation will be used. This course is an articulated course and may qualify for credits at participating community or technical colleges for students earning a grade of B (85%) or higher.

### **Money Management/Careers**

Grade 11

1 Sem.

Required

41 Money Management will help students develop financial literacy knowledge and skills to prepare them for life after high school. Strong, well-rounded skills in personal finance impact individual choices that directly influence occupational goals and future earnings potential. Topics will include establishing a budget, earning a living, saving and investment options (stocks, bonds, real estate, etc.), selecting and using credit options, personal income tax planning and filing, financial problem solving and decision making, banking organization services options, and managing risk through insurance. A financial management simulation (Reality Day) will be used. Guest speakers on specific unit topics will enhance student learning.

### **Introduction To Business**

Grades 9, 10, 11, 12

1 Sem.

Elective

42 Students will explore the world of business through topics that include finance, management, ethics, legal forms of business and operations as well as marketing. Students will be able to demonstrate an understanding of contemporary concepts and basic principles of effective business practices. Through an introduction to business foundations in our free-market system, students develop a comprehensive view of business trends, the role of government, society, and our global economy that all contribute to

successful business operations. Current industry issues will provide insights for case students and entrepreneurial analytics. Students will gain insights on consumer buying decisions, human resources, and financial management through preparation of a business plan and professional job seeking materials for careers in business. The course may include participation in a student organization. Working the NRHEG Panther Store during events is a requirement of the class (alternating students).

Accounting I: Foundations \*\*

Grades 10, 11, 12

1 Sem.

Elective

43 This course introduces the fundamental accounting principles and procedures used in businesses. Content includes business transactions and the accounting equation, transactions that affect assets, liabilities, and owner's capital, transactions that affect revenue, expenses, and withdrawals, recording transactions in a general journal, posting journal entries into general ledger accounts, the six-column worksheet, financial statements for a sole proprietorship and completing the complete accounting cycle simulation for a sole proprietorship. Guest speakers from various accounting/finance firms will enhance student learning. This course is an articulated course and may qualify for credits at participating community or technical colleges for students earning a grade of B (85%) or higher.

Business and Personal Law

Grades 9, 10, 11, 12

1 Sem. (Offered every other year)

Elective

44 Business and Personal Law will help students become aware of their legal obligations and rights in order to avoid legal difficulties. It covers the areas of law, justice, agreements, contracts, credits, property, protection against loss, and working for others. Businesses operate in a society and world, which have laws emanating from different governmental and judicial entities. The business and personal law curriculum addresses laws affecting both business and families. In the litigation-oriented society we live in today, business law can fill a critical role in the development of all students. Business students, in particular, must have included in their academic preparation a basic foundation of the legal system. A day-long field trip to Waseca Courthouse and guest speakers will enhance student learning.

Computer Applications II \*\*- Certification (NEW!)

Grades 10, 11, 12

1 Sem. (Offered every other year)

Elective

**Prerequisite: Computer Applications I**

Max Students: 20

45 Computer Applications II focuses on developing advanced skills in word processing, spreadsheet, and presentation productivity software applications. Students will develop professional production documents in Word, Excel, and PowerPoint in preparation for the Microsoft Office Specialist certification exams in these applications. These could include: occupational reports, multi-column newsletters, resumes, and business correspondence in Word, professional-looking budgets, financial statements, sales invoices, and inventory records in Excel, and professional-grade sales presentations, employee training, instructional materials, and slide shows in PowerPoint. Students will also learn database objects including tables, relationships, data entry forms, multi-level reports, and multi-table queries. Students will apply technology applications to solve and/or present solutions to problems and will develop skills with file management and network use. This course is an articulated course and may qualify for credits at participating community or technical colleges for students earning a grade of B (85%) or higher. The end-of-course assessment includes a Technical Skill Assessment (TSA) for (Excel I) (Advanced Word Processing), and (Business Presentations- PowerPoint).

Technology and Video Production

Grades 9, 10, 11, 12

1 Sem.

Elective

45 This semester class will include lecture, videos, hands-on learning, community and business involvement. The students will be working on PowerPoints and videos.

Digital Media

1 Sem. (1<sup>st</sup> sem only)

Grades 11, 12

Elective

47 This semester-long high school elective course will use lecture, videos, hands-on learning, and community experts to introduce students to computer applications for photos and design such as Adobe Photoshop and Adobe In-Design. Panther News episodes and original videos designed and produced by students will be created using Windows Movie Maker, iMovie, video animation including Claymation, Object Motion, and Pixelation, in addition, to digital music production. Web page design may be included using a variety of programs. Students in this course will also assist with the pre-production of the yearbook. **(Students interested in taking Yearbook Production should also take this class.)**

Youth Service Leadership (YSL)

1 Sem.

Grades 11, 12

Elective

48

This semester-long high school elective course will use large group discussion, small group reflections, journaling, videos, hands-on learning, and community experts to introduce students to all aspects of Service-Learning. Service learning is a method of learning that integrates academic work with community service. Students learn to apply knowledge gained in the classroom to “real life” by getting hands-on experience in the community. Service learning benefits students by enhancing their understanding of concepts learned in the classroom, promoting personal identity, fostering the development of civic responsibility, and giving them the opportunity to work with diverse populations in a “real world” setting. The community partners benefit from the relationships formed and the services students contribute in response to community needs. Students will be in class one day a week and out working with their service partners the other four days a week, going into the community where they provide a genuine service to those who need them. Both YSL semesters will take part in setting up and decorating for “Prom” at the New Richland Care Center in the spring.

Yearbook Production

1 Sem. (2<sup>nd</sup> sem. only)

Grades 11, 12

Elective

49 This semester-long high school elective course will use lecture, videos, hands-on learning, and community experts to introduce students to all aspects of designing and producing a Yearbook. In addition to learning how to operate a digital camera using the best manual settings for each photo type, students will also use computer applications such as Adobe Photoshop, Adobe In-Design, and Pictavo software to create the best photo layouts for the type of Yearbook we want to design. Students in this course will assist in the pre-production, production, and post-production phases of creating both the Junior High and Senior High Yearbooks. **(Students interested in Yearbook should also take Digital Media.)**

## Health and Physical Education

Physical Education

1 Sem.

Grade 9

Required

- 50 Lifetime and individual sports are stressed. Students are instructed on rules, fundamentals, and major playing techniques. Each unit takes 10 to 20 days and culminates with a skills and/or written test. Physical fitness will be assessed according to the President's Physical Fitness Test.

### Health and Physical Education

2 Sems.

Grade 10

Required

- 51 First semester Health will involve studying almost all the organ systems, including the digestive, cardiovascular, respiratory, reproductive, endocrine, immune, urinary and integumentary systems. Pregnancy, birth, and childhood will also be covered. Personal care, exercise and lifelong fitness skills will be implemented as well. Community health education and the prevention of injuries and violence are also part of the class.

- 51 Second semester Physical Education will emphasize development of individual, dual and team activities for leisure time enjoyment. An emphasis will be placed on physical fitness.

### Personal Fitness

1 Sem.

Grades 11, 12

Elective

- 52 This class is designed for students interested in their personal health and fitness. Students will survey their personal wellness and implement plans for improvement. We will use the weight room while implementing our own weight training program and designing a fitness facility. We will discuss nutrition and diets as well as participate in aerobic fitness. Students will have 3 to 4 short research papers to present and/or submit on specific topics of personal fitness. Participation is required.

## Art Education

### Graphic Arts

1 Sem.

Grades 9, 10, 11, 12

Elective

- 53 This course will be an introduction to the graphic arts. We will study the history of the art form and some of the methods and techniques used in graphic arts. Design projects could include brochures, cut letters, product packaging, posters, logos, and school spirit sayings displayed around the school.

### Art Fundamentals

1 Sem.

Grades 9, 10, 11, 12

Elective

- 54 This course will expand on the basic elements and principles of design that were covered in middle school, using hands-on projects and other learning styles. A variety of materials and methods will be explored including clay, pencil, watercolor, acrylics, and pastel.

### Ceramics I

1 Sem.

Grades 9, 10, 11, 12

Elective

- 55 This course is a study of clay, which will include different hand-building techniques. Students will be introduced to different techniques that can be used on white ware such as glazes, opaque stains and underglazes.

### Ceramics II

1 Sem.

Grades 9, 10, 11, 12

Elective

**Prerequisite: Ceramics I**

56 Hand building and “throwing” on the wheel will be part of this class. We will broaden our knowledge of painting techniques and the history of the wheel. Ceramic projects could include a container with a lid, a mobile and various projects from the wheel.

Photography

Grades 9, 10, 11, 12

1 Sem.

Elective

58 Photography is designed to help you understand camera and media exploration. Various techniques will be taught that will help you improve your creative photography skills.

Drawing/Painting I

Grades 9, 10, 11, 12

1 Sem.

Elective

59 This is a course designed for the student who likes to draw and/or paint. Several drawing and painting mediums will be used such as pencil, watercolor, pastel, and acrylic. Drawings of nature, portraits, and landscapes are examples of some of the drawings included in the course. Different styles and techniques will be studied.

Drawing/Painting II (NEW!)

Grades 9, 10, 11, 12

1 Sem.

Elective

This is designed for the student who wants to further develop their drawing and painting skills. The student will create more elaborate work and compositions. Interior and exterior compositions. Working in pastels, watercolor, and acrylics.

## World Languages

Spanish I

Grades 9, 10, 11, 12

2 Sems.

Elective

63 This year long course introduces the student to the Hispanic language and culture. It is designed to help students acquire the four basic skills associated with language learning: listening, speaking, reading and writing. The course focuses on oral proficiency, stressing conversation through speaking and listening. The study of Spanish and Latin American culture is covered as well as the geography of the Spanish-speaking world. Several Hispanic holidays and activities will be introduced to the students.

63 Second semester continuation of the above.

Spanish II

Grades 10, 11, 12

2 Sems.

Elective

**Prerequisite: Spanish I**

64 Spanish II is a continuation of Spanish I. Students will learn a more extensive vocabulary as well as advanced grammar. More emphasis is placed on the skills of reading and writing. Oral proficiency conversational skills of listening and speaking however continue to be introduced and reinforced. The study of culture and geography are emphasized in this course due to the importance of cultural understanding to world language learning. The Hispanic culture and customs will be celebrated through various activities.

64 Second semester continuation of the above.

Spanish III

Grades 11, 12

2 Sems.

Elective

**Pre-requisite: Spanish II**

65 This class will strengthen the student's knowledge and fluency in the written language and broaden the appreciation of Hispanic culture and civilization. The goal is to provide an opportunity for the student to improve on the four skills of listening, speaking, reading and writing that were introduced in Spanish I and II. A more advanced form of writing is studied as well as the beginning of literary study. Various activities are planned to promote cultural awareness.

65 Second semester continuation of the above.

## Industrial Technology

### Woods I

Grades 9,10,11, 12

Max Students: 15

1 Sem.

Elective

70 Woods I will introduce students to basic fundamentals of woodworking including the properties of different kinds of woods, planning and designing a project, and learning to use common tools in the woodworking process including the table saw, time saver sander, table routers, compound miter boxes as well as a variety of hand tools. Each student will have the opportunity to complete a project or multiple projects in the class and the students are responsible for the cost of materials for their projects. Shop safety is stressed and students will have to pass safety tests before they will be allowed to work on their project.

### Woods II

Grades 9, 10, 11, 12

Max Students: 15

1 Sem,

Elective

### 71 **Prerequisite: Woods I**

This class will introduce students to intermediate fundamentals of woodworking including the properties of different kinds of woods, planning and designing a project, and learning to use common tools in the woodworking process including the table saw, time saver sander, table routers, compound miter boxes as well as a variety of hand tools. Students will also learn how to use framing and finish air nailers safely. They will also have the opportunity to use latest battery powered tools. Each student will have the opportunity to complete a project or multiple projects in the class and the students are responsible for the cost of materials for their projects. Students will also have an opportunity to work on class projects such as picnic tables and lawn furniture. Shop safety is stressed and students will have to pass safety tests before they will be allowed to work on their projects.

### Construction Trades

Grades 10, 11, 12

Max Students: 15

1 Sem.

Elective

### 72 **Prerequisite: At least one previous shop class**

This class will introduce students to complex fundamentals of building trades. Each student will have the opportunity to complete a project or multiple projects in the class and the students are responsible for the cost of materials for their projects. Students will also have an opportunity to work on class projects such as, storage sheds, picnic tables and lawn furniture. They will also learn how to construct a garage and home. In addition, they will learn how to build a foundation and pour a concrete floor for a home and garage. Shop safety is stressed and students will have to pass safety tests before they will be allowed to work on their projects.

## Music Education



Concert Band 2 Sems.  
Grades 9, 10, 11, 12 Elective

**Prerequisite: Jr. High Band**

80 Concert Band is for students with prior instrumental musical knowledge. The purpose is to give students a solid music education based on participation in rehearsal and performance. Pep band and marching band are also a part of being in concert band with jazz band another possibility for interested students. Lessons are required of all students and will focus on individual technique and improvement of advanced musical abilities. Attendance at all scheduled events is mandatory.

80 Second semester continuation of the above.

Concert Choir 2 Sems.  
Grades 9, 10, 11, 12 Elective

81 The concert choir will perform four concerts a year and other selected performances. Attendance at all scheduled events is mandatory.

81 Second semester continuation of the above.

Intro to Music 1 Sem.  
Grades 9,10,11,12 Elective

82 An introduction to perceptive listening and a general knowledge of music. Students with little or no music background are provided an opportunity to study and make music. In this course students study the fundamentals of music and learn to play various instruments.

## **Family and Consumer Sciences**

(Course names followed immediately by \*\* are Articulated courses. See page 4 for more information.)

Foods I: Fundamentals of Food Preparation 1 Sem.  
Grades 9, 10, 11, 12 Elective

90 Fundamentals of Food Preparation is an introductory course valuable for all students. Bring your appetite to this hands-on cooking class as we learn about the basics of selecting, handling, and preparing food for best results in nutrition, health, and flavor. Materials covered are especially relevant for students interested in careers related to nutrition or the food service industry, as well as those who wish to learn the basics of food preparation. Major course topics include: factors that influence food choices, food safety and sanitation, measuring and equivalents, nutrition across the lifespan, nutrition for athletes, various food preparation techniques, and professional culinary plating. Students will use their acquired culinary skills to create a variety of delicious dishes throughout the semester. Participation and teamwork in the foods lab are required. This course builds a foundation for materials covered in Culinary Arts and Hospitality.

ProStart 1 (NEW!) Food Handlers Certification  
Grades 9, 10, 11, 12 1 Sem.  
**Prerequisite: Fundamentals of Food Preparation** Elective

Welcome to Prostart 1, where high school culinary meets real world industry. If you're ready to take things to the next level, ProStart will help prepare you for training programs and occupations in the hospitality field. This course offers students an opportunity to receive the Food Handlers Certification, which is required for persons working in food service. This certification can offer students higher pay in introductory positions in the food service industry. Major topics in this course are: introduction to the hospitality industry; food safety and personal hygiene, sanitation and safety, industry regulations, food handler's certification and testing, basic culinary skills, professional knife skills, food preparation techniques, and real world applications. We will use advanced techniques in candy making, as well as preparing a variety of food dishes using dry, moist and combination cooking methods. Participation, teamwork, and professionalism are required in this course.

**ProStart 2 \*\* (NEW!)**

Grades 10, 11, 12 1 Sem.

**Prerequisite: Foods 1 and ProStart 1** Elective

In Prostart 2 students will take their culinary skills to the next level by focusing on restaurant management and the operating side of business. Students will develop their own business models, organize, design and plan a menu to include creative new dishes, calculate food cost analysis in menu planning, design a venue in which to serve their creations and may even cater a few events in the community. Participation, teamwork, and professionalism are required in this course.

This course offers articulated credit from South Central college. Students who have completed all requirements of the Prostart program (completion of prostart 1 & 2) are awarded an industry-recognized certificate - the Prostart National Certificate of Achievement. Students who receive the certificate are eligible for NRAEF scholarship opportunities and course credits at some of the country's leading hospitality and culinary arts colleges and universities.

\*\*Articulated credit: awarded upon the completion of both ProStart 1 and ProStart 2

**International Cuisine**

Grades 9, 10, 11, 12 1 Sem.  
Elective

92 The International Cuisine course uses activities and food labs to highlight and explore the connection between a culture and its associated foods. This course will cover history, climate, and topography as they relate to each region's dietary customs, cuisines and cooking methods. By investigating cultural, spiritual, and social influences on food choices, learners will gain an awareness and understanding of diverse populations within American society. We will also analyze world hunger and examine personal and global changes that can be made to help combat this societal issue. Because international foods and elements of culture have such far-reaching influence in the hospitality industry, this course is a must for those either already working in food preparation or planning a career in the hospitality industry.

**Food Science**

Grades 9, 10, 11, 12 1 Sem.  
Elective

93 Food science is the study of the nature of food, the causes of deterioration, the principles underlying food processing, and the improvement of foods for the consuming public. In this course you will learn about: Careers in food science, the science behind food preparation, proper food handling through safety and sanitation practices, food preparation skills, and how to apply the scientific method while performing food related experimentation labs. Participation and teamwork are required in this hands-on course to receive a science credit.

**Housing and Interior Design**

Grades 9, 10, 11, 12 1 Sem.  
Elective

95 Housing and Interior Design is an introductory course essential for those students interested in a career within the housing, architecture, interior design, or furnishings industry. This course will allow students to earn a credit in art, while also learning valuable skills. Students will learn about homes as environments for lifelong growth and development, criteria to use when selecting a home, the process followed to purchase one, the components and systems within the home, trends in housing, and the design aspects of selecting furniture. Students will identify the elements and principles of design within housing and interior design; create a floor plan using architectural symbols; place furniture based on principles of design, traffic flow, activity and existing architectural features; and apply housing and interior design knowledge, skills and processes to create a specific final design project.

Child and Human Development\*\*

1 Sem.

Grades 9, 10, 11, 12

Elective

96 Child and Human Development is an introductory course for all students interested in careers working with children, areas of healthcare, human services, or social services. This course includes the study of human development from conception, including the birthing process, growth and development of children, child care giving and nurturing, support systems for parents and caregivers, child health and wellness best practices, special conditions affecting children, the aging process through death, and career exploration in child and human development. A significant class element is the opportunity to care for the “Baby Think it Over” (electronic) baby simulator. These computerized models simulate real babies, allowing learners the experience of providing care for an infant in the real world environment. Learners will also participate in service learning through introductory laboratory/field experiences with children in the preschool. This course provides a foundation for post-secondary and continued education in all career areas related to children, child development, nurturing of children, and human aging.

Early Childhood Careers

1 Sem.

Grades 9, 10, 11, 12

Elective

97 If you love working with children and are thinking about a career in early childhood education, elementary education, child psychology, sociology or social services, this is an important course for your future. Major topics include career paths in early childhood education, developmental theories, planning education spaces, management of child care operations, employability skills within the field, observation of and reflection regarding child developmental stages, and an overview of the Child Development Associate (CDA) degree requirements. Learners will have the opportunity participate in service learning through introductory laboratory/field experiences working with children in our own community. Possible opportunities include working with children in the preschool classroom, volunteer work through community programs, helping with activities offered by community education, and a parent night out hosted by the class.

Interpersonal Relationships

1 Sem.

Grades 9, 10, 11, 12

Elective

98 Family and Interpersonal Relationships is especially relevant for students interested in careers that require close interaction with people. During this introductory course, the learner will obtain knowledge and skills helpful in developing and maintaining healthy relationships. Learners will investigate inherited and acquired traits that affect personal identity, personality, and self-esteem. Learners will analyze steps typically taken in the decision-making process. Major elements of the course have to do with the transition from adolescence to adulthood, including relationship development within family, relationship development beyond the family, and understanding the

components of healthy relationships. The learner will have the opportunity to discuss diverse family structures and examine the impact of societal, demographic, technological, and economic pressures which affect relationships. Learners will examine coping techniques to strengthen families and relationships against crisis and stress.

### Life SMARTS

Grade 12

1 Sem.

Elective

99 Are you ready to get Life Smart? This is a fun, fast paced course that gives you the skills you need to “Adult.” This program’s broad curriculum, developed by the National Consumers League, covers essential elements of everyday life: personal finance, health and safety, technology, the environment, and consumer rights and responsibilities; its curriculum is sponsored by the American Better Business Bureau (BBB). Life Smarts helps students address important issues like buying a car, managing credit cards, marketplace safety, avoiding scams, consumer rights laws, filing complaints with companies, renting a home or apartment, home safety, and what to do in emergencies. This unique program provides a variety of *optional* enrichment experiences for youth including online, state, and national competitions. LifeSmarts is designed to help students develop critical thinking skills and expand leadership through service learning and teamwork.

## **Agriculture Education**

Ag Mechanics\*\* (This course will be offered in 2020-21, but then it will not be offered in 2021-22.  
It will rotate every other year with Ag Power)

Grades 9, 10,11, 12

1 Sem.

Elective

101 This class is a combination of a small engines class and a selection of units on power systems. Students will learn the basics of small gas engines, including diagnostics, maintenance and repair.

Ag Power and Electrification\*\* (This course will not be offered in 2020-21, but then it will be offered in 2021-22. It will rotate every other year with Ag Mechanics.)

Grades 9,10,11, 12

1 Sem.

Elective

Max Students: 20

102 *Students will spend the majority of this class learning the basics of electrical wiring. Upon completion that should have the skills to wire the majority of circuits found in any household. Further class time will be spent on other agricultural power systems.*

### Welding I

Grades 9, 10, 11, 12

1 Sem.

Elective

Max Students: 20

103 In this class students will learn welding processes. Fusion and braising welding skills will be developed on electrode welders, oxy-acetylene and MIG.

Metals (This course will not be offered in 2020-21, but then it will be offered in 2021-22.  
It will rotate every other year with Welding II.)

Grades 10, 11, 12

1 Sem.

Elective

Max Students: 20

104 *Prerequisite: Completed Welding class with a “C” or better*

*This class will further explore the various technologies in metal working. Students will learn to use a TIG welder, CNC plasma cutter, and various metal bending and manipulation tools. Previous welding experience in a school welding course is required. Time for projects will be made available during this class. This course can count as an art credit.*

Welding II\*\* (This course will be offered in 2020-21, but then it will not be offered in 2021-22.)

It will rotate every other year with Metals.)

1 Sem.

Grades 9, 10, 11, 12

Elective

105 **Prerequisite: Completed Welding with a “C” or better**

This class will be a continuation of the Welding class with more advanced welds performed and more advanced technology used. Students will learn to use the TIG welding, the plasma cutter, and the CNC plasma cutter. There will be time at the end of this course to work on small welding projects at the student’s discretion.

Plant Science I\*\*

1 Sem.

Grades 9, 10, 11, 12

Elective

Max Students: 24

106 This wide ranging course will cover everything from gardening and greenhouse management to landscape design to floriculture. Students will learn about plant growth and development, how to raise garden crops, how to design and install landscapes, marketing and production of floral arrangements and more. This course is highly hands on and will involve a good deal of time outdoors and in the greenhouse working on the school gardens, grounds, and plant projects. This course can count as an art credit and science credit. Students need to earn a “C” or better in this class to qualify for the Plant Science II class.

Plant Science II

1 Sem.

Grades 10, 11, 12

Elective

107 This class is for students who have completed Plant Science I with a grade of “C” or better and who wish to continue to learn the topics in that course. It will be held in conjunction with the Plant Science class, but the students will have additional levels of requirements and projects to complete. See the Plant Science I description for more topic details.

Natural Resource Science\*\*

1 Sem.

Grades 9, 10, 11, 12

Elective

Max Students: 24

108 This class will deal with the natural resources of Minnesota including wildlife, soils and water. Class lab activities will include soil sample tests, water tests, basic environmental science, forestry and wildlife management. Trips to local resources will be planned when possible. This class fulfills 1 credit of the 6 science credits required for graduation.

Animal Science\*\*

1 Sem.

Grades 9, 10, 11, 12

Elective

Max Students: 24

*(Students who have previously taken Agriscience I or II may still take this course)*

109 The focus of this course will be on the animal industry. This includes but is not limited to dairy cattle, beef cattle, swine, sheep, goats, horses, fish, dogs and cats. Students will learn the basics of nutrition and management, veterinary care, housing, marketing, and selection. Each industry will be examined to better educate students on the animal industry as a whole.

Ag Economics

1 Sem.

Grades 11, 12

Elective

Max Students: 24

(Note: To receive Economics credit this course must be taken as a senior)

110 The world of ag business will be used as a foundation to teach students the basics of both running a successful business of any type and the principles of economics involved. Students will cover topics in record keeping, marketing, decision making, sales and service, business planning, and those economic principles involved in both local and global trade. Students planning on owning their own farm business or other private business should consider this course.

*Work Release (Seniors Only)*

*Work release is not a class and does not earn credit toward graduation! This is an opportunity for seniors who have a job to be released from school after 6<sup>th</sup> hour to go to their job. The qualifications for work release include: You must be on track to have more than enough credits to graduate, you must have a paying job (not volunteer) you can go to every day or nearly every day after 6<sup>th</sup> hour (this must be verified by a written letter from your employer) and you cannot be involved in a sport or other school activity that requires after-school practices or rehearsal. If you meet these qualifications and are interested in work release, then write in "work release" on one of the lines on your registration form. This can be either one semester or year-long.*

**Four Year Plan**

**Ninth Grade**

**First Semester**

English 9  
Civics  
Geometry  
Physics 9  
Physical Education

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**Second Semester**

English 9  
Human Geography  
Geometry  
Physics 9  
Computer Skills 9

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**Tenth Grade**

**First Semester**

English 10  
American History  
Biology  
Int. Algebra or Adv. Algebra  
Phys. Ed./Health

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**Second Semester**

English 10  
American History  
Biology  
Int. Algebra or Adv. Algebra  
Phys. Ed./Health

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**Eleventh Grade**

**First Semester**

English Choice  
World History or AP Euro History  
Adv. Algebra or College Alg./College Trig.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Second Semester**

English Choice  
Money Mgmt./Careers  
Adv. Algebra or College Alg./College Trig

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Twelfth Grade**

**First Semester**

English Choice  
Amer. Gov't or College Amer. Gov't

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Second Semester**

English Choice  
Economics or Microeconomics or Ag Econ.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(Gr. 9-12) Two credits of the arts: \_\_\_\_\_  
(Choose from band, choir, music theory, all art classes, woods I and II, housing/design, metals and plant science I and II)

(Gr. 9-12) Two additional credits of science: \_\_\_\_\_  
(Choose from anatomy, chemistry, physics, college chemistry, health science, and the ag and food sciences)

**Elective Class List For 2020-2021**

**Course Name & Number**    **Grades**    **Page**                      **Course Name & Number**    **Grades**    **Page**

|                                 |       |    |                                |       |    |
|---------------------------------|-------|----|--------------------------------|-------|----|
| Myths and Monsters 3            | 11-12 | 6  | Ceramics I 55                  | 9-12  | 15 |
| Great Authors 4                 | 11-12 | 6  | Ceramics II 56                 | 9-12  | 15 |
| Speech and Drama 5              | 11-12 | 6  | Photography 58                 | 9-12  | 15 |
| Creative Writing 6              | 11-12 | 6  | Drawing/Painting 59            | 9-12  | 15 |
| Extreme Non-Fiction 7           | 11-12 | 6  | Drawing/Painting II            | 9-12  | 16 |
| Everyday Communication 8        | 11-12 | 6  |                                |       |    |
| Media Analysis                  | 11-12 | 6  | Spanish I 63                   | 9-12  | 16 |
| Project Based Writing           | 11-12 | 7  | Spanish II 64                  | 10-12 | 16 |
| *College English 9              | 12    | 7  | Spanish III 65                 | 9-12  | 16 |
| Journalistic Writing 118        | 11-12 | 7  | Woods I 70                     | 9-12  | 16 |
| *College Literature 119         | 11-12 | 7  | Woods II 71                    | 9-12  | 17 |
| Psychology 16                   | 11-12 | 8  | Construction Trades 72         | 10-12 | 17 |
| Sociology 17                    | 11-12 | 8  | Concert Band 80                | 9-12  | 17 |
| The Holocaust 18                | 11-12 | 8  | Concert Choir 81               | 9-12  | 17 |
| AP European History 19          | 11-12 | 8  | Intro to Music 82              | 9-12  | 17 |
| *College American Gov't 20      | 12    | 8  | Foods I 90                     | 9-12  | 18 |
| AP Microeconomics 116           | 12    | 8  | **Foods II 91                  | 9-12  | 19 |
|                                 |       |    | ProStart I                     | 9-12  | 19 |
|                                 |       |    | ProStart II                    | 9-12  | 19 |
| *College Algebra 24             | 11-12 | 9  | International Cuisine 92       | 9-12  | 20 |
| *College Trigonometry 25        | 11-12 | 9  | Food Science 93                | 9-12  | 20 |
| *Calculus 26                    | 12    | 10 | Housing & Interior Design 95   | 9-12  | 20 |
| Human Anatomy 35                | 11-12 | 10 | **Child/Human Development 96   | 9-12  | 21 |
| Chemistry 36                    | 11-11 | 10 | Early Childhood Careers 97     | 9-12  | 21 |
| Physics 37                      | 11-12 | 11 | Interpersonal Relationships 98 | 9-12  | 21 |
| *College Chemistry 38           | 11-12 | 11 | Life SMARTS 99                 | 9-12  | 21 |
| Health Science Academy 34       | 11-12 | 11 | **Ag Mechanics 101             | 9-12  | 21 |
| Intro to Business 42            | 9-12  | 12 | **Ag Power & Electricity 102   | 9-12  | 22 |
| Accounting Foundations 43       | 10-12 | 12 | Welding I 103                  | 9-12  | 22 |
| Computer Applications I         | 9     | 12 |                                |       |    |
| Money Management and Careers    | 11    | 12 |                                |       |    |
| Business & Personal Law 44      | 11-12 | 13 | Metals 104                     | 10-12 | 22 |
| Technology & Video Prod. 45     | 11-12 | 13 | **Welding II 105               | 9-12  | 22 |
| Pers. & Business Law I 46       | 10-12 | 13 | **Plant Science I 106          | 9-12  | 22 |
| Digital Media 47                | 11-12 | 13 | Plant Science II 107           | 9-12  | 21 |
| Computer Applications II        | 10-12 | 13 |                                |       |    |
| Youth Serv. Leadership (YSL) 48 | 11-12 | 14 | **Natural Resource Science 108 | 9-12  | 21 |
| Yearbook Production 49          | 11-12 | 14 | **Animal Science 109           | 9-12  | 21 |
| Personal Fitness 52             | 11-12 | 15 | Ag Economics 110               | 11-12 | 23 |
| Graphic Arts 53                 | 9-12  | 15 | (Work Release)                 | 12    | 23 |
| Art Fundamentals 54             | 9-12  | 15 |                                |       |    |

\*College Now Class

\*\*Articulated Class

### Registration Form

Name \_\_\_\_\_

Present Grade 8



(Last, First)

**YOU MUST HAVE CLASSES LISTED IN LINES 6 & 7 AND ALTERNATE CHOICES**

| Class                     | Reg #     | Class                          | Reg #     |
|---------------------------|-----------|--------------------------------|-----------|
| 1. <u>English 9</u>       | <u>1</u>  | 1. <u>English 9</u>            | <u>1</u>  |
| 2. <u>Civics</u>          | <u>10</u> | 2. <u>Human Geography</u>      | <u>11</u> |
| 3. <u>Geometry</u>        | <u>22</u> | 3. <u>Geometry</u>             | <u>22</u> |
| 4. <u>Physics 9</u>       | <u>30</u> | 4. <u>Physics 9</u>            | <u>30</u> |
| 5. <u>Computer Skills</u> | <u>40</u> | 5. <u>Physical Education 9</u> | <u>50</u> |
| 6. _____                  | ___       | 6. _____                       | ___       |
| 7. _____                  | ___       | 7. _____                       | ___       |
| Alternate Choice 1. _____ | ___       |                                |           |
| Alternate Choice 2. _____ | ___       |                                |           |

Parent/Guardian Signature \_\_\_\_\_

Student Signature \_\_\_\_\_

Date due in Geography class: \_\_\_\_\_

*(The registration manual is available to view or print on the guidance office page of the NRHEG secondary school website.)*

Green

**Registration Form**

Name \_\_\_\_\_

Present Grade 9

(Last, First)

**YOU MUST HAVE CLASSES LISTED IN LINES 6 & 7 AND ALTERNATE CHOICES**

| Class                                         | Reg #     | Class                      | Reg #     |
|-----------------------------------------------|-----------|----------------------------|-----------|
| 1. <u>English 10</u>                          | <u>2</u>  | 1. <u>English 10</u>       | <u>2</u>  |
| 2. <u>American History</u>                    | <u>12</u> | 2. <u>American History</u> | <u>12</u> |
| 3. Circle One Choice:    Intermediate Algebra |           | or    Advanced Algebra     |           |
| 4. <u>Biology</u>                             | <u>31</u> | 4. <u>Biology</u>          | <u>31</u> |
| 5. <u>Phy Ed/Health</u>                       | <u>51</u> | 5. <u>Phy Ed/Health</u>    | <u>51</u> |
| 6. _____                                      | ___       | 6. _____                   | ___       |
| 7. _____                                      | ___       | 7. _____                   | ___       |
| Alternate Choice 1. _____                     | ___       |                            |           |
| Alternate Choice 2. _____                     | ___       |                            |           |

Parent/Guardian Signature \_\_\_\_\_

Student Signature \_\_\_\_\_

Date Due in Human Geography: \_\_\_\_\_

*(The registration manual is available to view or print on the guidance office page of the NRHEG secondary school website.)*

Yellow

**Registration Form**

Name \_\_\_\_\_

Present Grade 10

**(Last, First)**

1. English: Students must complete at least one reading oriented and one writing oriented course among the four semesters of Jr./Sr. English that are required for graduation. Please indicate your top two English choices for next year, and your top two alternate choices.

**Preferred** English Choices

**Alternate** English Choices

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Class

Reg #

Class

Reg #

2. Circle One Choice: World History or AP World Hist. 2. Money Mgmt./Careers 13

3. Circle One Choice: Adv. Algebra or College Algebra/Trigonometry

4. \_\_\_\_\_ 4. \_\_\_\_\_

5. \_\_\_\_\_ 5. \_\_\_\_\_

6. \_\_\_\_\_ 6. \_\_\_\_\_

7. \_\_\_\_\_ 7. \_\_\_\_\_

Alternate Choice 1. \_\_\_\_\_

Alternate Choice 2. \_\_\_\_\_

Parent/Guardian Signature \_\_\_\_\_

Student Signature \_\_\_\_\_

Date Due in Biology: \_\_\_\_\_

*(The registration manual is available to view or print on the guidance office page of the NRHEG secondary school website.)*

Blue

**Registration Form**

Name \_\_\_\_\_  
(Last, First)

Present Grade 11

1. English: Students must complete at least one reading oriented and one writing oriented course among the four semesters of Jr./Sr. English that are required for graduation. Please indicate your top two English choices for next year, and your top two alternate choices.

**Preferred** English Choices

**Alternate** English Choices

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

| Class | Reg # | Class | Reg # |
|-------|-------|-------|-------|
|-------|-------|-------|-------|

|                                                          |  |                                                              |  |
|----------------------------------------------------------|--|--------------------------------------------------------------|--|
| 2. Circle one: Amer. Gov't <i>or</i> College Amer. Gov't |  | 2. Circle one: Econ. <i>or</i> Microecon. <i>or</i> Ag Econ. |  |
|----------------------------------------------------------|--|--------------------------------------------------------------|--|

|          |       |          |       |
|----------|-------|----------|-------|
| 3. _____ | _____ | 3. _____ | _____ |
|----------|-------|----------|-------|

|          |       |          |       |
|----------|-------|----------|-------|
| 4. _____ | _____ | 4. _____ | _____ |
|----------|-------|----------|-------|

|          |       |          |       |
|----------|-------|----------|-------|
| 5. _____ | _____ | 5. _____ | _____ |
|----------|-------|----------|-------|

|          |       |          |       |
|----------|-------|----------|-------|
| 6. _____ | _____ | 6. _____ | _____ |
|----------|-------|----------|-------|

|          |       |          |       |
|----------|-------|----------|-------|
| 7. _____ | _____ | 7. _____ | _____ |
|----------|-------|----------|-------|

Alternate Choice 1. \_\_\_\_\_

Alternate Choice 2. \_\_\_\_\_

Parent/Guardian Signature \_\_\_\_\_

Student Signature \_\_\_\_\_

Date Due in Class: \_\_\_\_\_

*(The registration manual is available to view or print on the guidance office page of the NRHEG secondary school website.)*

White