

2017-2018



Neillsville High School In-House Course Catalog

Revised: 1-31-17

Nondiscrimination Policy for the School District of Neillsville

It is the policy of the School District of Neillsville that no person may be denied participation in, be denied the benefits of, or be discriminated against in any curricular, co-curricular, pupil service, recreational or other program or activity on the basis of the person's sex, race, religion, national origin, ancestry, creed, pregnancy, marital or parental status, color, sexual orientation, or physical, mental, emotional, or learning disability or handicap as required by section 118.13, Wis. Stats. This policy also prohibits discrimination as defined by Title IX of the Education Amendments of 1972 (sex), Title VI of the Civil Rights Act of 1964 (race and national origin), and Section 504 of the Rehabilitation Act of 1973, which prohibits discrimination on the basis of disabilities.

All student educational and extra-curricular programs and employment opportunities follow the district's policies of nondiscrimination. In addition, arrangements can be made to ensure that the lack of English language skills is not a barrier to admission or participation. Any questions or complaints should be directed to:

**John Gaier, District Administrator
School District of Neillsville
614 East 5th Street
Neillsville, WI 54456
(715) 743-3323
E-mail: jgaier@neillsville.k12.wi.us**

NEILLSVILLE HIGH SCHOOL GRADUATION REQUIREMENTS

A total of **24 credits** are **required for graduation**, including:

4 –	English/Language Arts
3 –	Social Studies/History
3 –	Mathematics
3 –	Science
1.5 –	Physical Education
.5 –	Health
<u>9 –</u>	<u>Electives</u>

24 total credits

English/Language Arts: English 9 and English 10 are required for all students. Two additional credits of elective English can be obtained by taking English 11 and English 12 or other approved English options such as College English.

Social Studies/History: American History 1, American History 2, and Civics are required for all students. The remaining 1.5 credits can be obtained by taking a variety of elective offerings.

Mathematics: Credit requirements can be met in a variety of ways. Most students will take Algebra and Geometry.

Science: General Science and Biology are required for all students.

Physical Education: A minimum of three semesters of Phy. Ed. are required for graduation. Students that are unable to participate must have a medical note on file with the office.

Health: Health is a required course for freshman.

FOUR YEAR PLAN: (STUDENT NAME): _____

POST-SECONDARY PROGRAM OF STUDY: _____

Please note: This four-year plan is simply a guide to map out possible courses that will prepare and direct you toward a field of study after leaving high school. The scheduling process is complex and course availability can change from year to year. Contact the guidance counselor for any scheduling related questions.

FRESHMAN YEAR

SEMESTER 1

1. **English 9A**
2. **General Science A**
3. **Math** _____
4. **Phy. Ed. or Health** _____
5. **SS elective** _____
6. _____
7. _____

SEMESTER 2

- English 9B**
- General Science B**
- Math** _____
- Health or Phy. Ed.** _____
- _____
- _____
- _____

SOPHOMORE YEAR

SEMESTER 1

1. **English 10A**
2. **Biology A**
3. **Math** _____
4. **Phy. Ed.** _____
5. **American History A**
6. _____
7. _____

SEMESTER 2

- English 10B**
- Biology B**
- Math** _____
- American History B**
- _____
- _____
- _____

JUNIOR YEAR

SEMESTER 1

1. **English** _____
2. **Science** _____
3. **Math** _____
4. **Phy. Ed.** _____
5. **SS elective** _____
6. _____
7. _____

SEMESTER 2

- English** _____
- Science** _____
- Math** _____
- SS elective** _____
- _____
- _____
- _____

SENIOR YEAR

SEMESTER 1

1. **English** _____
2. **Science** _____
3. **Math** _____
4. **Civics**
5. _____
6. _____
7. _____

SEMESTER 2

- English** _____
- Science** _____
- Math** _____
- _____
- _____
- _____
- _____

Student Signature _____

Date _____

Parent Signature _____

Date _____

AGRICULTURE DEPARTMENT

ANIMAL SCIENCE

Credit - ½ - this course can be used toward meeting the 3 credit science requirement for graduation

Prerequisite: General Science

Offered: 10-12

Description: Come explore the world of animals! This is a recommended class for students that are interested in working with animals on a farm or veterinary setting. This class is an introduction to raising healthy large animals. We will learn how to examine animals, identify diseases and treat diseases. The class does include a visit to a dairy farm.

* Receive 3 Credits from CVTC which can be transferred to colleges and other technical schools upon completion of the course and university approval.

SMALL ANIMAL/VETERINARY SCIENCE

Credit - ½

Prerequisite: None

Offered: 9-12

Description: This technical class explores units in veterinary science with an emphasis on small, domesticated pets. Much of the material does apply to human medicine. Students will learn about the animal systems (skeletal, digestive, reproductive, etc.) and related terminology. Basic dog, cat and rabbit care will also be covered. Learning laboratories will occur with students' pets.

WILDLIFE CONSERVATION

Credit - ½

Prerequisite: None

Offered: 9-12

Description: Fish, deer and bears, oh my! This class is designed to introduce students to wildlife conservation history and skills needed for careers with wildlife. Topics include: habitat development, endangered species, map reading and taxidermy. Students will be required to complete a taxidermy project, and must provide a pan fish for the project.

PLANTS, ANIMALS AND YOU

Credit - ½

Prerequisite: None

Offered: 9-10

Description: This course is specifically designed for freshmen that want to learn more about the world of agriculture. This class looks at what agriculture is and how it affects you and citizens worldwide. Topics of study include agricultural careers, National FFA Organization, plant science, food science, leadership, and small animal care.

AQUACULTURE

Credit - ½

Prerequisite: None

Offered: 9-12

Description: Have you ever wondered if Finding Nemo was an accurate movie? Take a journey with the aquaculture class to learn everything you need to know about raising fish! Units of study include: Anatomy of Fish, Water Quality, Fish Nutrition, How to Set up an Aquarium, Fish Diseases and Fish Reproduction. Students will have opportunity to set up and maintain tropical fish aquariums.

HORTICULTURE

Credit - ½ - this course can be used toward meeting the 3 credit science requirement for graduation

Prerequisite: General Science

Offered: 10-12

Description: This course is intended to give the student knowledge and skills to successfully raise their own plants. Topics include: plant reproduction and propagation, vegetables, fruit production, houseplant care, landscaping and turf management, and tree pruning. Students will grow plants and create floral arrangements and bonsai plants.

* Receive 3 Credits from CVTC which can be transferred to colleges and other technical schools upon Completion of the course and university approval

WORK HABITS (WRK HABITS)

Credit - ½

Prerequisite: None

Offered: 10-12

Description: With a hands-on activity based approach, this class will challenge students to find the leader within in order to make them competitive in today's society. Working independently and as a team member, this course is designed to educate the students about the skills that today's employers are demanding. Skills in the areas of communication, goal setting, time management, resume creation, job applications and job interviews will be taught. Students will also have an opportunity to explore their personality traits, improve their written communication skills. A one-day job shadow is required. This course is required for students that plan to participate in the Education for Employment/Work Release program.

ART DEPARTMENT

ART INTRODUCTION (ARTINTRO)

Credit - ½

Prerequisites: None

Offered: Gr. 9-12

Description: Art introduction is an introductory course. Focusing on principles of design, basic drawing, color theory, three-dimensional design and art appreciation.

CERAMICS (CERAMICS)

Credit - ½

Prerequisites: 7/8/Intro or consent

Offered: Gr. 9-12

Description: This course explores ceramic design in pottery and clay sculpture through basic hand building, wheel throwing and sculpting processes.

STAINED GLASS (STAINGLS)

Credit - ½

Prerequisites: None

Offered: Gr. 10-12

Description: This is a basic introduction to the design, technique and construction of stained glass. At least four works will be constructed; the first using zinc cane and the next three using copper-foil. \$38.00 fee required for Materials.

DRAWING (DRAWING)

Credit - ½

Prerequisites: 7/8/Intro or consent

Offered: Gr. 9-12

Description: A variety of drawing media, including charcoal, ink, chalk, graphite, paint and others will be used in drawing natural form, geometric and illustrative art work.

PAINTING (PAINTING)

Credit - ½

Prerequisites: 7/8/Intro or consent

Offered: Gr. 9-12

Description: A vast array of techniques will be explored and mastered using watercolor, tempera and acrylic paint.

GRAPHICS (GRAPHICS)

Credit - ½

Prerequisites: 7/8/Intro or consent

Offered: Gr. 9-12

Description: A beginning course of introduction to graphic techniques. Students will experience designing and making woodcuts and linoleum prints, embossments, silkscreen and "T" shirt design.

ADVANCED ART 1 - 4 (ADV ART)

Credit - ½

Prerequisites: Consent of Instructor REQUIRED

Offered: Gr. 10-12

Description: An art course for those who wish to focus on advanced techniques through designated projects in any of the following areas: drawing, painting, graphics, ceramics, sculpture, commercial art, and stained glass. An in-depth study of history and research paper is also included. May be taken for more than one semester.

BUSINESS DEPARTMENT

ACCOUNTING 1 (ACCTING 1A) - (ACCTING 1B)

Credit - 1

Prerequisites: None

Offered: Gr. 10-12

Description: Accounting is considered “the language of business”. This course is recommended for anyone planning to go to college or technical college in any area of business and can be of assistance in your personal record keeping. In this course you will learn how to prepare financial documents involved in the accounting cycle, personal tax returns, computerized accounting, and banking simulations.

ACCOUNTING 2 (ACCTING 2)

Credit – ½

Prerequisites: Accounting 1A and 1B

Offered: Gr. 11-12

Description: This course is designed for students who wish to seek employment in the accounting field or desire more preparation for the study of accounting on the post-secondary level. Students will be studying more advanced areas of accounting such as financial statement analysis, inventory, deferrals, fixed assets, and end-of-fiscal period reporting for a corporation. QuickBooks accounting will also be studied. This is a college freshman level course.

* Students completing this course may be eligible for Advanced Standing or Transcribed Credit at Chippewa Valley Technical College.

PERSONAL FINANCE

Credit - ½

Prerequisites: None

Offered: Gr. 10-12

Description: This course is designed to give students a foundation for managing their personal finances on a daily basis. Topics include: pay and benefits, income taxes, budget planning, spending patterns, checking and savings accounts, saving and investing, managing credit, renting or buying a home or vehicle, investment alternatives, insurance, and retirement planning. Students learn the activities necessary for financial management and independence. This is a college freshman level course.

* Students completing this course may be eligible for Advanced Standing or Transcribed Credit at Chippewa Valley Technical College.

MICROSOFT OFFICE SUITE (FORMERLY COMPUTER APPLICATIONS 1)

Credit - ½

Prerequisites: None

Offered: Gr. 10-12

Description: This course is essential for all students – not just those planning a career in business. It will be very helpful to the student entering the job market, enrolling in college, or pursuing technical training. In this course, students will learn to use Microsoft Office Suite’s Word (work processing), Excel (spreadsheet), Access (database), and PowerPoint (presentation) software. This is a college freshman level course.

* Students completing this course may be eligible for Advanced Standing or Transcribed Credit at Chippewa Valley Technical College.

COMPUTER SCIENCE PRINCIPLES (FORMERLY COMPUTER APPLICATIONS 2)

Credit - ½

Prerequisites: Good math skills, Proficient typing skills

Offered: Gr. 9-12

Description: In this course you will develop knowledge and skills as you manage information technology hardware and software and solve information technology problems. Students explore in greater depth hard drive management, networking, troubleshooting, website design, computer coding, Web 2.0, 3.0, 4.0+ and technology tools. It is intended to introduce the student to the world of current and ever-changing business and information technologies. Content will go with the flow of technology.

MARKETING/PUBLISHER (FORMERLY DESKTOP PUBLISHING)

Credit - ½

Prerequisites: None

Offered: Gr. 9-12

Description: In this course, students will learn how to use Microsoft Publisher software to create a variety of different business and marketing materials. Students will explore various marketing strategies for today's world and develop marketing materials such as business cards, newsletters, brochures, flyers, posters, and more. Through these desktop publishing activities, students will gain real-world experience, and effective work habits and employability skills.

DRIVER EDUCATION

DRIVER EDUCATION (CLASSROOM PORTION) (DRIVCLAS)

Credit: NO CREDIT

Prerequisites: Based on age

Offered: Summer only

Description: Students are selected by date of birth for classroom and behind-the-wheel instruction. Students who are a resident of the school district, must sign up for driver's education when registering for next fall's high school classes. Students not enrolled at Neillsville High School need to contact the high school by April 25. Summer Driver's Education class size is limited and based upon birth date. You must sign up for driver's education when registering for next fall's high school classes in order to be contacted for summer school.

BEHIND THE WHEEL (BTW/STUDY)

Credit: NO CREDIT

Prerequisites: Successful completion of classroom

Offered: Summer only

Description: A total of 6 hours actual driving and 6 hours of observation is provided. A successful experience is needed before a certificate will be issued. Students are scheduled for BTW by student age. Student MUST be 15 years 6 months before any driving is started.

ENGLISH DEPARTMENT

ENGLISH 9A & B (ENG 9A & B)

Credit - 1

Prerequisites: None

Offered: Gr. 9

Description: A basic English course centering on forms of literature, spelling, vocabulary development, and grammar. Items covered include: drama, poetry, short story, non-fiction, novels, sentence structure, parts of speech, mechanics, and library use. Spelling and vocabulary improvements are covered throughout the year. (This course meets the Core Course requirements of the NCAA and four-year college entrance requirements.)

ENGLISH 10A (ENG10A)

Credit - ½

Prerequisites: English 9A & B

Offered: Gr. 10

Description: An integrated English course that consist of composition, speech, listening and literature components. Focusing on the basics, English 10A is preparation for the more challenging requirements of English 10B.

(This course meets the Core Course requirements of the NCAA and four-year college entrance requirements.)

ENGLISH 10B (ENG10B)

Credit - ½

Prerequisites: English 10A

Offered: Gr. 10

Description: An integrated course with composition, speech, listening, literature components. An extension of 10A.

(This course meets the Core Course requirements of the NCAA and four-year college entrance requirements.)

ENGLISH 11A (ENG11A)

Credit - ½

Prerequisites: English 10A & B

Offered: Gr. 11

Description: An integrated English course that consist of composition, speech, listening and literature components. Vocabulary, reading comprehension and writing skills needed for successful advanced study are stressed. English 11A is preparation for the more challenging requirements of English 11B.

(This course meets the Core Course requirements of the NCAA and four-year college entrance requirements.)

ENGLISH 11B (ENG11B)

Credit - ½

Prerequisites: English 11A

Offered: Gr. 11

Description: An integrated course with composition, speech, listening, literature components. An extension of 11A. Vocabulary, reading comprehension and writing skills needed for successful advanced study are stressed.

(This course meets the Core Course requirements of the NCAA and four-year college entrance requirements.)

ENGLISH 12A (ENG12A)

Credit - ½

Prerequisites: English 11A & B

Offered: Gr. 12

Description: An integrated English course that consist of composition, speech, listening and literature components. Prepares students for both post-secondary education and the workplace. English 12A is preparation for the more challenging requirements of English 12B.

(This course meets the Core Course requirements of the NCAA and four-year college entrance requirements.)

ENGLISH 12B (ENG12B)

Credit - ½

Prerequisites: English 12A

Offered: Gr. 12

Description: An integrated course with composition, speech, listening, literature components. An extension of 12A. Prepares students for both post-secondary education and the workplace.

(This course meets the Core Course requirements of the NCAA and four-year college entrance requirements.)

YEARBOOK (YRBKSTDY A) - (YRBKSTDY B)

Credit - ½

Prerequisites: Consent of advisor REQUIRED.

Offered: Gr. 10-12

Description: Yearbook is a course in which students work as a team in the creation of The Crimson. Layout, writing, photography, and computer skills are learned throughout the year.

FAMILY AND CONSUMER EDUCATION DEPARTMENT

PARENTING AND CHILDREN

Credit – ½

Prerequisites: None

Offered: Gr. 9-12

Description: Parenting today calls for a lot of thought, hard work, and careful preparation. This course will help students to develop an understanding of when to become a parent, different parenting styles/techniques, current trends and research in parenting. In addition to prenatal care, fetal development, pregnancy birth, health and safety needs of children. This class is not required for any student wishing to obtain Assistant Childcare Teacher Certification but highly recommended.

FAMILY LIVING (FAMLIVNG)

Credit - ½

Prerequisites: None

Offered: Gr. 9-12

Description: Now, more than ever, positive interpersonal and family relationships are necessary for an individual's well-being. Being able to understand yourself, relate to others and function positively in your present and future families are important responsibilities. Life today offers more alternatives than ever before. Family Living helps you evaluate the alternatives faced. It does not tell you what to do or how to live. Rather, it gives you the information you need to make your own decisions.

FOODS 1 (FOODS 1)

Credit - ½

Prerequisites: None

Offered: Gr. 9-12

Description: Take the first step in food preparation. Learn how to survive in the kitchen and beginning food preparation techniques, cooking terms, reading a recipe, safety and sanitation. The class focuses on how to cook in regards to Breakfast, Snacks and Lunch/Dinner. Students will leave this class with an understanding of how to survive safely in the kitchen.

FOODS 2 (FOODS 2)

Credit - ½

Prerequisites: Foods I, or consent of instructor

Offered: Gr. 9-12

Description: Are you hoping to improve the cooking skills that you already have? Foods 2 is designed for the students that want to take food preparation to the next level. Units to be covered will be meat, fish and poultry cookery, soups, desserts, entertaining, and recipe development. This class will focus on the professional aspect of food preparation and careers in the food industry.

SPORTS NUTRITION (SPORTS&FOODS)

Credit - ½

Prerequisites: None

Offered Gr. 10-12

Description: Ever wonder how what you eat can affect your performance as an athlete? What is the connection between food and sports? This course will guide learners through a self-analysis and formation of a healthy

"nutrition mind set". Along the way students will learn to develop a nutritionally sound meal plan based on their individual needs and create nutritious recipes. We will also evaluate supplements and explore conflicting information in the media. Pre-competition meals will be prepared and we'll take a closer look at those sports drinks. Athletes are not the only individuals who will benefit from this course. Students interested in being physically fit and wishing to explore the connection between food and performance will benefit as well.

CAREERS WITH KIDS (CHLDCARE) (ACCT)

Credit - ½

Prerequisites: Parent Child/Consent of instructor

Offered: Gr. 11-12

Description: Have you had positive experiences with tutoring, coaching, or childcare? Do you plan to have children of your own someday? If you enjoy kids and think a career with children may be in your future, then this is the course for you. This is a course that not only explores career opportunities with children, but also prepares you to be a certified Assistant Child Care Worker. This is the certification that is required by the State of Wisconsin in order to be employed in a childcare center. Other course topics include: A child's physical, emotional, social and intellectual growth and development, safety and first aid, planning age appropriate activities for children, state guidelines for centers, and nutrition.

LIVING ON YOUR OWN

Credit – ½

Offered: Gr. 11-12

Description: Do you hope to be on your own soon? This course will help you to be prepared for living on your own after graduation. Students will gain knowledge in selecting housing for the immediate future. Shopping and preparation of foods with an emphasis on meal planning, quick cookery and basic budgeting will be emphasized. In addition simple mending techniques, relationship skills, and the day-to-day basics of personal finance will also be covered.

CHILD DEVELOPMENT

Credit – ½

Offered: Gr. 9-12

Description: The Child Development class will help students to develop an understanding of physical, intellectual, social-emotional developments as they affect a child in infancy through school-age. Students will learn about different theories and how they can be applied to create environments where developmentally appropriate activities happen. Occupation in early childhood fields will be explored.

FOREIGN LANGUAGE DEPARTMENT

SPANISH 1 (SPANISH1A) - (SPANISH1B)

Credit - 1

Prerequisites: None

Offered: Gr. 9-12

Description: This course is an introduction to the language and culture of Spanish speaking people. Basic grammar is practiced through games, conversations, songs, written assignments and small projects.

(This course meets the Core Course requirements of the NCAA and four-year college entrance requirements.)

SPANISH 2 (SPANISH2A) - (SPANISH2B)

Credit - 1

Prerequisites: Spanish 1

Offered: Gr. 10-12

Description: This course is an extension that reviews previously taught skills and builds new Spanish vocabulary. Intermediate grammar is introduced. The culture and customs of the Spanish speaking world are still main areas of focus.

(This course meets the Core Course requirements of the NCAA and four-year college entrance requirements.)

SPANISH 3-4 (SPANISH 3-4A) - (SPANISH 3-4B)

Credit - 1

Prerequisites: Spanish 2

Offered: Gr. 11-12

Description: Several projects throughout the year expand student proficiencies on a number of topics in Spanish. Literature units are used alternately with projects designed to motivate a higher level language acquisition and proficiency. The reading of college level stories enhances and refines reading comprehension skills. Intermediate to advanced grammar skills are incorporated into projects and daily assignments.

(This course meets the Core Course requirements of the NCAA and four-year college entrance requirements.)

MATHEMATICS DEPARTMENT

Any student wishing to take two math courses in one year must complete the double up form available from any high school math teacher.

MATH 9

Credit - 1

Prerequisites: Placement will be determined by several factors: grades, WKCE results, MAPS testing, teacher recommendation, and parent/teacher/student communication.

Offered: Gr. 9

Description: This is a general mathematics course that has two main goals: #1 Review basic mathematics taught in previous years to provide deeper understanding of those topics and connect these math topics to the real world. #2 Introduce Algebraic concepts so student may be more successful in Algebra 1. The material in this course is designed to lay the proper math foundations needed for Careers and to enter Algebra 1. Everyday emphasis will be placed on problem solving, real-life connections, skill building, collaboration, and summarizing.

ALGEBRA 1 (ALGEBRA 1A) - (ALGEBRA 1B)

Credit - 1

Prerequisites: None

Offered: Gr. 9-12

Description: The first course of the four-year math sequence. Explores the fundamental operations needed in solving linear equations. Working with radicals leads up to solving quadratic equations.

(This course meets the Core Course requirements of the NCAA and four-year college entrance requirements.)

ALGEBRA 2 (ALGEBRA 2A) - (ALGEBRA 2B)

Credit - 1

Prerequisites: Algebra 1 & Geometry

Offered: Gr. 9-12

Description: A thorough review of Algebra 1. In depth study of quadratic relations and their application, including conics. Also included is right triangle trigonometry.

(This course meets the Core Course requirements of the NCAA and four-year college entrance requirements.)

CONSUMER MATH (CMATHACC)

Credit - 1

Prerequisites: Algebra I

Offered: Gr. 10-12

Description: Consumer Math, a two-semester course, is for the student who has completed Math 9 or an Algebra I course. A practical mathematics course that focuses on essential consumer topics such as checking, savings accounts, housing and personal finance, while reviewing basic computation, and estimation techniques.

GEOMETRY A & B (GEOMETRYA) - (GEOMETRYB)

Credit - 1

Prerequisites: Algebra 1

Offered: Gr. 9-12

Description: A study of the properties of parallel lines, circles, triangles, and other polygons. Area of plane surfaces and volume of solids are also examined. Writing two column proofs is emphasized.

(This course meets the Core Course requirements of the NCAA and four-year college entrance requirements.)

TRIGONOMETRY & PRE-CALCULUS (TRIG A) - (TRIG B)

Credit - 1

Prerequisites: Algebra 1 & 2 and Geometry

Offered: Gr. 11-12

Description: The main objective is to provide pre-calculus to bridge the gap between Algebra 2 and Calculus. Major emphasis is placed upon the study of trigonometry, coordinate and analytic geometry, higher degree equations, the derivative, limits, series, sequences, inequalities, and probability and statistics.

(This course meets the Core Course requirements of the NCAA and four-year college entrance requirements.)

MUSIC DEPARTMENT

ELECTRONIC MUSIC 1-4 (ELECMSC 1-4)

Credit - ½

Prerequisites: None

Offered: Gr. 9-12

Description: Electronic Music 1 is an 18-week, non-performance, general music course with an emphasis on developing the ability to read music notation. Students will utilize electronic keyboards and computers to explore music notation. All instruments and music are provided. Electronic Music 2, 3 and 4 are 18-week non-performance, general music courses, offered concurrently, with level 1, to students who wish to elect Electronic Music a 2nd, 3rd or 4th year. Students may elect Electronic Music once per year.

BAND (BAND)

Credit - 1

Prerequisites: Consent

Offered: Gr. 9-12

Description: Band is a performance class. Students must participate in scheduled performances, weekly lessons and assigned ensembles. Teacher consent is required. (This is considered a full year course and should be taken both semesters.)

CONCERT CHOIR (CONC CHR)

Credit - 1

Prerequisites: Audition and Consent of instructor

Offered: Gr. 9-12 Select

Description: This is a performance four-part mixed choir. This choir is open to select students in grades 9-12. Students are required to participate in ALL scheduled performances and weekly lessons. Audition and teacher consent are required. Audition will determine which choir (Mixed or Concert Choir) is most suitable for each individual. (This is considered a full year course and should be taken both semesters.)

MIXED CHOIR (MIXD CHR)

Credit - 1

Prerequisites: None

Offered: Gr. 9-12

Description: This is a performance four-part mixed choir open to all students in grades 9-12. Students are required to participate in ALL scheduled performances and weekly lessons. Teacher consent and audition are required. Auditions will determine which choir (Mixed or Concert Choir) is most suitable for each individual. (This is considered a full year course and should be taken both semesters.)

BEGINNING CLASSICAL GUITAR (BEG GUITAR) – 1st semester course

Credit - ½

Prerequisites: None

Offered: Gr. 9-12

Description: The purpose of this course is to prepare students for a lifetime of guitar playing and music appreciation. Topics include standard musical notation; knowledge of the fretboard; introduction to left and right hand fingerstyle techniques; fundamentals of music; chords; basic song accompaniment; music history; listening; and understanding of guitar terminology. The class also includes solo and ensemble literature. A standard nylon string classical guitar is preferred.

JAZZ APPRECIATION (JAZZ APP) – 2nd sem.

Credit - ½

Prerequisites: None

Offered: Gr. 9-12

Description: The purpose of this course is to introduce students to the many musical characteristics, techniques, styles, terms, and methods found in the jazz tradition. This course will focus on the study of African and African-American folk origins through blues, early jazz, the swing era, bebop, cool, jazz-rock fusion and new creative music. Through the study of these styles students will be introduced to music notation, transcription, improvisation, performance and various areas of audio/recording technology.

SCIENCE DEPARTMENT

GENERAL SCIENCE (GEN SCI A) - (GEN SCI B)

Credit - 1

Prerequisites: None

Offered: Gr. 9-12

Description: An introduction to the physical world through the study of 5 areas: the physical/chemical nature of matter, applied chemistry, environmental pollution, fuels and energy, applied physics using the applications and practical aspects of science.

(This course meets the Core Course requirements of the NCAA and four-year college entrance requirements.)

BIOLOGY (BIOLOGY A) - (BIOLOGY B)

Credit - 1

Prerequisites: General Science/Meets Advanced Standard Requirement

Offered: Gr. 10-12

Description: This content-based course focuses upon the basic process of living systems, interactions among living organisms and interactions between their surroundings. Process skills are an integral component of the course with data analysis, experimentation, classification, applied research and utilization of the scientific method as primary elements.

(This course meets the Core Course requirements of the NCAA and four-year college entrance requirements.)

CHEMISTRY (CHEMISTRY A) - (CHEMISTRY B)

Credit - 1

Prerequisites: Algebra 1 (with a C or better) and General Science

Offered: Gr. 10-12

Description: The study of the structure and behavior of atoms, the properties and composition of compounds, the reactions between substances, and the laws uniting these phenomena.

(This course meets the Core Course requirements of the NCAA and four-year college entrance requirements.)

PHYSICS (PHYSICS A) - (PHYSICS B)

Credit - 1

Prerequisites: Geometry/Gen Science

Offered: Gr. 11-12

Description: The study of matter, energy, heat, light, electricity, magnetism, forces, motion, sound and fluids.

(This course meets the Core Course requirements of the NCAA and four-year college entrance requirements.)

Anatomy and Physiology A & B

Credit - 1

Prerequisites: General Science & Biology (with a C or better)

Offered: Gr. 11-12

Description: A content and process driven science course which involves both classroom and laboratory work. The content aspect of the course will include a systematic approach to the macroscopic and microscopic structures of the human body. The course work will also include normal and abnormal physiological functions of each of the following body systems: Integumentary System, Skeletal System, Muscular System, Cardiovascular System, Lymphatic System, Immune System, Respiratory System, Digestive system, Urinary System, Nervous System.

(This course meets the Core Course requirements of the NCAA and four-year college entrance requirements.)

ANIMAL SCIENCE

Credit - ½ – satisfies 3 credit science graduation requirement

Prerequisite: General Science

Offered: 10-12

Description: Come explore the world of animals! This is a recommended class for students that are interested in working with animals on a farm or veterinary setting. This class is an introduction to raising healthy large animals. We will learn how to examine animals, identify diseases and treat diseases.

The class does include a visit to a dairy farm.

* Receive 3 Credits from CVTC which can be transferred to colleges and other technical schools upon completion of the course and university approval.

HORTICULTURE

Credit - ½ – satisfies 3 credit science graduation requirement

Prerequisite: General Science Offered 10-12

Description: This course is intended to give the student knowledge and skills to successfully raise their own plants. Topics include: plant reproduction and propagation, vegetables, fruit production, houseplant care, landscaping and turf management, and tree pruning. Students will grow plants and create floral arrangements and bonsai plants.

* Receive 3 Credits from CVTC which can be transferred to colleges and other technical schools upon Completion of the course and university approval

ADVANCED PHYSICAL SCIENCE (ADV SCI A) - (ADV SCI B)

Credit - 1

Prerequisites: Chemistry/Physics/Anatomy

Offered: Gr. 12

Description: Study will cover chemical analysis, organic chemistry, and nucleonics and will include supervised research. Introduction and development of advanced concepts and advanced laboratory techniques will be presented through lecture and laboratory sessions. An emphasis on learning and discovery is directed through the requirement for two approved and supervised research projects.

(This course meets the Core Course requirements of the NCAA and four-year college entrance requirements.)

ECOLOGY

Credit – ½

Prerequisites: General Science and Biology

Description: Ecology is defined as, “A study of the relationships organisms have with one another and with their surroundings”. As a course of study, Ecology will be used as a method to promote research analysis and data collection in the living world. Emphasis in this course will be in scientific modeling, collection and analysis of data, and hypothesizing and developing conclusions using scientific research and methods. The course knowledge and content will focus around topics such as: Habitats, Succession, Water Pollution, Energy Conservation, and Population Studies. The laboratory aspect will include analyzing aquatic samples from local ponds and streams, comparison of soils from different farming and forested locations, and population studies.

SOCIAL STUDIES DEPARTMENT

SOCIOLOGY (SOCIOLOGY)

Credit - ½

Prerequisites: None

Offered: Gr. 11-12

Description: The science that deals with the investigation and analysis of human relationships, their causes and consequences.

(This course meets the Core Course requirements of the NCAA and four-year college entrance requirements.)

SOCIAL ISSUES (SOCISSUES)

Credit - ½

Prerequisites: None

Offered: Gr. 11-12

Description: Social Issues offers students the opportunity to extensively research and report on topics, which are 21st century issues. (Terrorism, child abuse, drugs, school violence, etc.) Students are required to complete two projects per quarter using different medias and topics for each presentation. Examples would be PowerPoint, video, debate or research paper.

(This course meets the Core Course requirements of the NCAA and four-year college entrance requirements.)

AMERICAN HISTORY 1 (AMHIST 1)

Credit - ½

Prerequisites: None (required course)

Offered: Gr. 10-12

Description: This course covers from the War of 1812 to the end of the 19th Century. Outside reading, research, in-class map work and oral reports are required.

(This course meets the Core Course requirements of the NCAA and four-year college entrance requirements.)

AMERICAN HISTORY 2 (AMHIST 2)

Credit - ½

Prerequisites: None (Required)

Offered: Gr. 10-12

Description: Covers all the major events of the 20th century including presidential elections, issues and administrations, the Great Depression, World War I, II, Korean and Vietnam.

(This course meets the Core Course requirements of the NCAA and four-year college entrance requirements.)

WISCONSIN HISTORY (WIS HIST)

Credit - ½

Prerequisites: Middle school social studies

Offered: Gr. 9-12

Description: This course covers the history, geography and economy of Wisconsin. Maps, films, speakers, slides and reports are used to show what is interesting, unique and beautiful about Wisconsin.

(This course meets the Core Course requirements of the NCAA and four-year college entrance requirements.)

WORLD HISTORY I (ANC HIST)

Credit - ½

Prerequisites: None

Offered: Gr. 9-12

Description: A study of the world's first civilizations and empires and how they created a lasting impact that exists in today's "modern world". Civilizations and empires include Egypt, Mesopotamia, China, India, Greece, Rome & the Americas. The course ends with a look at Exploration, the Renaissance, & the Reformation.

(This course meets the Core Course requirements of the NCAA and four-year college entrance requirements.)

WORLD HISTORY II (MOD HIST)

Credit - ½

Prerequisites: None

Offered: Gr. 9-10

Description: Modern History begins with the dawn of 18th Century "modern thought" and proceeds through the present. The course is a survey of "The Enlightenment", The Industrial Revolution, World Wars and their aftermath, and ends with a look at history in the life of each student (so far).

(This course meets the Core Course requirements of the NCAA and four-year college entrance requirements.)

CIVICS (CIVICS)

Credit - ½

Prerequisites: None (Required)

Offered: Gr. 11-12

Description: Covers the basic concepts of our system of government with emphasis on how government affects us along with our responsibility to our government.

(This course meets the Core Course requirements of the NCAA and four-year college entrance requirements.)

HUMAN RELATIONS (HUMANREL)

Credit - ½

Prerequisites: None (Required)

Offered: Gr. 10-12

Description: Covers the study of human behavior. Various psychological theories proposed to explain human behavior will be discussed. Psychology can help a person look at the unknown side of their personality. A research paper is required.

(This course meets the Core Course requirements of the NCAA and four-year college entrance requirements.)

TECHNOLOGY EDUCATION DEPARTMENT

WIRING AND PLUMBING (WIREPLMB)

Credit - ½

Prerequisites: Mechanics

Offered: Gr. 11-12

Description: Covers home and farm wiring, power history, REA, NSP, power bill computation, single phase and three phase circuits, 2-3-4 way switching, electric codes and motor selection. Plumbing is covered in the classroom only and includes the discussion of plastic, copper and cast iron fittings.

METALS INTRODUCTION (METALS A) - (METALS B)

Credit - 1

Prerequisites: None

Offered: Gr. 9-12

Description: Introduces the student to the proper and safe use of all metal working processes in the metals lab including: arc welding, oxyacetylene welding. Lathe work, sheet-metal fabrication, and casting aluminum bench work, thread cutting, and forging (blacksmithing). A \$6.00 fee per semester for this course is required.

ADVANCED WELDING (ADV WELD)

Credit - ½

Prerequisites: Metals A&B and Metals Welding

Offered: Gr. 11-12

Description: Emphasis is placed on further knowledge and skills in the metals field. Includes all position welding of mild steel, aluminum, and stainless steel using oxyacetylene equipment, shield metal arc, MIG and TIG processes. Cost for Materials:

METALS, WELDING AND FOUNDRY (MTLSWELD)

Credit - ½

Prerequisites: Metals A&B

Offered: Gr. 10-12

Description: Designed to introduce the theory and operation of gas and arc welding. Students will also become skilled in reading blueprints, utilizing a fractional rule, and operate various metal cutting and shearing equipment. The basics of metallurgy are demonstrated through manipulation of forging processes.
Cost for Materials:

POWER MECHANICS (POWERMECH A) - (POWERMECH B)

Credit - 2

Prerequisites: (Required -Auto Elec. And Consent)

Also 2 of 3 Metals/Mech/ Sm Eng

Offered: Gr. 12

Description: Covers construction details, principles of operation, mechanical advances, basic service procedures, repair, operation, and reconditioning of autos and trucks. Work is performed on student's own vehicle and various customer vehicles. Areas of instruction include but are not limited to: oil changes, shocks and struts, brakes and clutches, tire change and balancing, engine rebuilding, tune-up, scanning computer trouble codes, and maintenance.

SMALL ENGINES (SMALLENG)

Credit - ½

Prerequisites: None

Offered: Gr. 9-12

Description: Deals with the maintenance, repair and overhaul of engines with less than three cylinders and eight horsepower.

AUTO ELECTRONICS (AUTOELCT)

Credit - ½

Prerequisites: Mechanics, Small Engines, a valid Driver's License; Preferred taken before Power Mechanics

Offered: Gr. 11-12

Description: Develop the principals of electricity and magnetism through mathematical equations and lab experimentation. Study includes purchasing a GM starter and alternator and rebuild kits to overhaul use of ignition system test equipment, emission control systems and automotive computer scan equipment.

WOODS INTRODUCTION (WOODS A) - (WOODS B)

Credit - 1 - (This is considered a full year course and should be taken both semesters.)

Prerequisites: None

Offered: Gr. 9-12

Description: WOODS A - The first semester is designed to give students a basic foundation of wood as a construction material, occupation and careers and safe, skillful use of woodworking equipment. The second part of the semester is designed to give all students a basic understanding of how American industries work. Its focus is based on the class manufacturing a simple product a manufacturing company would produce.

Cost for Materials: (This is considered a full year course and should be taken both semesters.)

Description: WOODS B - This semester will give students basic cabinet making techniques and skills. Students will again set up their company to mass-produce product parts. After the parts are produced, each student is given a set of parts for his or her individual standing, assembly and finish.

WOOD TECHNIQUES (WOODTECH A) - (WOODTECH B)

Credit - 1 - **Cost for Materials:** (This is considered a full year course and should be taken both semesters.)

Prerequisites: Woods Intro

Offered: Gr. 10-12

Description: This is an advanced phase of woodworking including a self-designed and constructed cabinet with at least one door and one drawer. Other topics covered would include special joints and fasteners, building materials, finishes, general lab and machine maintenance.

BUILDING TRADES 1 (BLDGTRD1)

Credit - ½

Prerequisites: Intro to Woods

Offered: Gr. 10-12

Description: This course is designed to give students a basic knowledge and skill of building construction, estimating, concrete, Blue Print reading and air/power tools technology. Some units of study include preparations needed prior to the construction stage, fabricating a floor system, wall system, roof system, and stair layout. Student activities center around the construction of a storage shed.

MECHANICS (MECHANIC)

Credit - ½

Prerequisites: None

Offered: Gr. 9-12

Description: This course requires the completion of eleven projects: small engine labeling, small engine rerun, sharpen twist drill, galvanized pipe loop, copper sweat fittings, copper pipe flaring, knot tying, house wiring, reading micrometers, carbon arc brazing and a safety unit.

AUTO 101 (AUTO 101)

Credit - ½

Prerequisites: Valid Driver's License

Offered: Gr. 11-12

Description: Auto 101 is designed to help every car owner/operator give simple upkeep to their auto. This class is intended for every junior and senior who ever intends to drive or own a vehicle. This course may not be taken if you plan on taking Power Mechanics

HOME MAINTENANCE AND REPAIR (HOMEMAINT)

Credit - ½

Prerequisites: None

Offered: Gr. 9-12

Description: This course is designed to give all students the basic knowledge and skills needed to care for the residence that they live in. We discuss the values and responsibilities of renting or home ownership and financing for home ownership. Other units of study are: heating systems, electrical systems, plumbing repairs, exterior home care, interior home finishing, fire and disaster safety and grounds keeping. Students are given basic information and skill assignments in class but also are given credit for repairs or maintenance that they do outside of class.

BUILDING TRADES 2 (BLDGTRD 2A) - (BLDGTRD 2B)

Credits – 2 - (This is considered a full year course and should be taken both semesters.)

Prerequisites: Building Trades 1/Consent

Offered: Gr. 12

Description: The Building Trades 2 class is an advanced construction class. It is designed to give all students basic job entry knowledge and skills as well as those students who wish to have the construction skills for their own personal use. The class meets two hours per day for the entire year. 90% of the class hours are used for on-site knowledge and skill development. Each year, this class will construct a residential structure. This class will do all requirements of Building Trades I and include additional units in interior finishing procedure, insulating products and application methods, interior wood trim, finishing and application methods. Construction building, which will emphasize proper techniques building, codes building, materials building and methods

SPECIAL CLASSES

HEALTH

Credit - ½ - Required to graduate.

Prerequisites: Required 9th grade

Offered: Gr. 9-12

Description: A required general health course that deals with teen health, as well as health issues through adulthood. Topics include exercise, nutrition, mental health, family & personal relationships, drug use and abuse, human growth and development and goal setting. Making intelligent and responsible decisions about your health and wellness is emphasized. This is a survival course.

TUTORING

Credit - ¼

Prerequisites: None

Offered: Gr. 9-12

1. A student may sign up to be a tutor one hour per semester.
2. Students may earn one (1) elective credit for graduation.
3. 1/4 credit is given for each semester. A student may be a tutor for more than four semesters but only one credit will count as one of the 24 for graduation.
4. Grades will be satisfactory or unsatisfactory only and will not count towards honor points or GPA.
5. No student can tutor for more than one period for credit.
6. Class schedules will not be arranged to accommodate a tutoring schedule.
7. Tutoring is open to students in grades 9-12. Prior approval for all student tutors must be given. Students in grades 11-12 will be scheduled first and 9-10th graders will be scheduled as credits allow and to fill staff needs for student tutors.
8. Procedures for application:
 - A. Forms must be obtained from the Dean of Students, filled out, and returned to the high school office.
 - B. Tutors will be assigned based off of student availability, teacher needs, and teacher recommendations.
 - C. If a tutor is going to be absent, they are expected to contact the cooperating instructor to let them know they will be absent. More than three unexcused absences can result in removal from tutoring.
 - D. If a student is doing failing work in non-tutoring courses, they will be removed from tutoring.
 - E. All applications must be in the guidance office by the end of the fifth (5th) day of each semester.
 - F. A tutor may be removed upon the request of the cooperating instructor or by the principal for academic or behavioral reasons.
 - G. At the end of each quarter and semester, an evaluation by the tutor's cooperating instructor is required.

YOUTH OPTIONS (YOUTH OPTIONS)

Credit - 1/4 high school credit per 1 college credit

Prerequisites: Application deadlines and consent of school board

Offered: 11-12

Description: This program allows students to take college courses while in high school for college credit. Students must meet qualification standards set by the state. There are application deadlines that also must be met. No student may take a course in Youth Options that has been deemed to be at least 80% comparable with a Neillsville High School course.

Sign up dates are March 1 for Fall courses and October 1 for Spring courses. New application must be done each semester.

Grading systems of the University and Technical Colleges are not the same as Neillsville High School so grades earned in Youth Options may have impact on GPA and Class Rank. High school credit is determined by the number of college credits a course is worth. For every college credit, 0.25 high school credit will be granted. An example, if a Youth Options course is worth 3 college credits, then the student will be granted 0.75 high school credit.

The School District of Neillsville will pay tuition for up to 18 credits. Students may take more than 18 Youth Option credits, but the student is responsible for any tuition, fees and books beyond 18 credits.

WORK RELEASE/CAREER INTERNSHIP PROGRAMS

Work release and career internship are work experience programs operated in cooperation between the Neillsville School District and various businesses in the area for students at the junior and senior level standing. Work release participants are paid for their hours; career internship participants are not. Students have the opportunity to enhance their employability skills. Juniors and seniors are eligible to participate in these programs while being enrolled or completing the Work Habits course. Students may be scheduled up to two class periods of school time to be at the work or internship site. Students may earn up to four (4) elective credits total between both programs. Students are selected to work at various sites based on their educational training, student interest, employment needs and teacher recommendation.

1. Interested students shall contact the work release/career internship coordinator or the guidance counselor.
2. The student is responsible to attend the assigned worksite as scheduled.
3. Students are graded by the work release/career internship coordinator. Grades are pass/fail (do not count towards GPA) only and are based on the evaluation of the worksite supervisor and observation of the work release/career internship coordinator.
4. A student who is terminated from the program would be enrolled in an accredited course.