

2019-2020



Neillsville High School In-House Course Catalog

Updated: 01/22/19 CAR

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. English 11/ACT Prep is required unless the student is enrolled in a college level English course. With that, a student would have either 1.5 or 2.0 ~~two~~ additional credits of elective English remaining.

Social Studies/History: American History 1, American History 2, and Civics are required for all students. The remaining .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, Biology and one additional elective OR (when meeting advanced standing) Biology, Chemistry and either Anatomy & Physiology or Physics.

Physical Education: A minimum of three non-consecutive semesters of Phy. Ed. is required for graduation. Students that are unable to participate must have a medical note on file with the office. A Phy. Ed. waiver may be used for student athletes to replace one semester of Phy. Ed. See the guidance counselor for more information regarding the waiver process.

Health: Health is a required course for freshmen.

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. **Social Studies** _____
6. _____
7. _____

SEMESTER 2

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

SOPHOMORE YEAR

SEMESTER 1

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

SEMESTER 2

- English 10B** _____
- Biology B** _____
- Math** _____
- Social Studies** _____
- _____
- _____
- _____

JUNIOR YEAR

SEMESTER 1

1. **English** _____
2. **Science** _____
3. **Math** _____
4. **Phy. Ed.** _____
5. **Social Studies** _____
6. _____
7. _____

SEMESTER 2

- English** _____
- Science** _____
- Math** _____
- Social Studies** _____
- _____
- _____
- _____

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

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.

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.

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

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: Art Introduction or Drawing

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: Art Introduction or Drawing

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. \$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: Art Introduction or Drawing

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.

PERSONAL FINANCE

Credit - ½ of elective math credit

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.

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.

COMPUTER SCIENCE PRINCIPLES (FORMERLY COMPUTER APPLICATIONS 2)

Credit - ½

Prerequisites: None

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)

Fee: \$175.00

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 consists 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.)

American Literature (1st semester only)

Credit – ½

Prerequisites: None

Offered: Gr. 11 & 12

Description: The curriculum will focus on American writers from colonization to present day, including poetry, short stories, novels, drama, and nonfiction. The literary works provide opportunities for critical writing, creative projects, and discussions.

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

British Literature (2nd semester only)

Credit – ½

Prerequisites: None

Offered: Gr. 11 & 12

Description: A college-preparatory literature and composition course that covers material from the Anglo-Saxons to the present day. Focus works, including novels, short stories, poems, and drama, have been selected for literary quality, and for their place in the historical development of literature. Context readings provide background information about the author, the historical period, and the literary and artistic context of the focus work.

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

Yearbook (1st semester only)

Credit – ½ elective

Prerequisites: Instructor consent

Offered: 9-12

Description: Students will create the yearbook from start to finish. This will include designing, advertising, photos, story writing, proofreading, distribution, and sales.

Publications (2nd semester only)

Credit – ½ elective

Prerequisites: None

Offered: Gr. 11 & 12

Description: Students will learn the art of journalism. Topics covered will be interviewing, formatting, ethics of publication, writing, editing, and publication itself.

Novels (1st semester only)

Credit – ½

Prerequisites: None

Offered: 11 & 12

Description: Students will read novels for enjoyment, understanding, and evaluation. Students will use creative thinking, discussion, problem solving, and oral reading. Students will also work with themes and develop their vocabulary.

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

Creative Writing (2nd semester only)

Credit – ½

Prerequisites: None

Offered: 11 & 12

Description: Students will use their creativity and imagination to create different types of writing. Short stories, personal narratives, and poems will be the emphasis. Writing, editing, and critiquing skills will be analyzed and enhanced throughout the semester. Students will create and present a writing portfolio.

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

English 11/ACT prep (1st semester only)

Credit – ½

Prerequisites: None

Offered: Gr. 11

Description: This is a course, for any junior that is not taking a college level English course, that is focused on preparing students for the upcoming ACT test. This class will focus on extended vocabulary. It will also cover reading comprehension strategies. Students will practice extensive grammar regulations to ensure they are prepared for the ACT.

Communications (2nd semester only)

Credit – ½

Prerequisites: None

Offered: Gr. 11 & 12

Description: A speech and communication course focused on the understanding and use of formal, informal, and nonverbal communication. Students will prepare speeches as well as learn how to respond to a presentation.

Sports Literature (2nd semester only)

Credit – ½

Prerequisites: None

Offered: Gr. 11 & 12

Description: This course will discuss, investigate, and research the evolution of sports writing, especially over the last century. From newspapers to blogs to podcasts, sports writing and journalism has helped shape our society. Students will not only read sports writers, but will create some of their own works of sports writing in the form of short stories and covering real sporting events.

Practical English (2nd semester only)

Credit – ½

Prerequisites: None

Offered: Gr. 11 & 12

Description: This course will focus on students' skills in reading, writing, speaking, and listening for those planning on entering the workforce. Students will learn interviewing skills, building a resume, and how to communicate, both written and spoken, in a professional setting.

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.

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 regard 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.

CAREERS WITH KIDS (CHLDCARE)

Credit - ½

Prerequisites: Parent Child/Consent of instructor

Offered: Gr. 9-12

Description: Have you had positive experiences with tutoring, coaching, or childcare? If you enjoy kids and think a career with children may be in your future, then this is the course for you. 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 1A

Credit - .5

Prerequisites: None

Offered: Gr. 9-12, offered fall semester

Description: This course is an introduction to the language and culture of Spanish-speaking people.

Conversational expressions are learned and practiced through games, music, art, skits, reading, and small projects. Learn to use current apps and websites to extend what you learn in the classroom and become a more independent language learner. Conversation skills are assessed throughout the semester in brief, interview-style evaluations.

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

SPANISH 1B

Credit - .5

Prerequisites: Spanish 1A or successful placement based on proficiency interview and writing sample

Offered: Gr. 9-12, offered spring semester

Description: A continuation of skills practiced in Spanish 1A. Learn to talk about your hobbies, likes, and dislikes. Learn to describe music, art, foods, and people in an easy way. Learn how to put together simple sentences to make plans, extend invitations, and ask for and give directions. Conversation skills are assessed throughout the semester in brief, interview-style evaluations and simple writing skills are assessed with prompt-based writing samples.

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

SPANISH 2A

Credit - .5

Prerequisites: Spanish 1A and 1B or successful placement based on proficiency interview and writing sample

Offered: Gr. 10-12, offered fall semester

Description: This course starts with a solid review of content from Spanish 1A and 1B. Then, learn to give and follow simple directions in recipes, games, and at work. Elevate your conversational skills by adding in more vocabulary. Learn to talk about things that already happened and will happen through videos, movies, and stories. Conversation skills are assessed throughout the semester in brief, interview-style evaluations and simple writing skills are assessed with prompt-based writing samples.

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

SPANISH 2B

Credit - .5

Prerequisites: Spanish 2A or successful placement based on proficiency interview and writing sample

Description: This course starts with a review of content from Spanish 1A, 1B, and 2A and is appropriate even for students who have taken some time off from Spanish. Learn to use expressions for working in stores, restaurants, real estate, and customer service. Conversation skills are assessed throughout the semester in brief, interview-style evaluations and simple writing skills are assessed with prompt-based writing samples, and reading skills are assessed with short, level-appropriate comprehension tests.

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

College and Career Spanish A-D

Credit - .5 per semester

Prerequisites: Spanish 2A and 2B or successful placement based on proficiency interview and writing sample

Offered: Gr. 11-12

Description: This rotating series of courses is specifically designed for students hoping to attain a level of Spanish fluency that would be functional in the workplace or to continue to study Spanish after high school. Each of these four unique semesters of College and Career Spanish starts with a review of necessary skills and vocabulary. These courses are appropriate whether you have taken time off from learning Spanish or you have been enrolled in Spanish classes without interruption. These courses can be taken in any sequence and at any time after completing Spanish 2B without worry of being too far ahead of or behind your classmates. Because students of varying language levels will be together in one class, your reading, writing, and conversation skills will be evaluated based on your own individual language proficiency and goals. You will also have formal opportunities to practice for the UW-System Spanish placement test.

(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: STAR scores, Forward Exam scores, grades, 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: Algebra aims to deepen and extend student understanding built in previous courses by focusing on developing fluency with solving linear equations, inequalities, and systems. These skills are extended to solving quadratic equations, exploring linear, quadratic, and exponential functions graphically, numerically, symbolically, and as sequences, and by using regression techniques to analyze the fit of models to distributions of data.

(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: Algebra 2 aims to apply and extend what students have learned in previous courses by focusing on finding connections between multiple representations of functions, transformations of different function families, finding zeros of polynomials and connecting them to graphs and equations of polynomials, and modeling periodic phenomena with trigonometry,

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

CONSUMER MATH (CMATHACC)

Credit – 1/2

Prerequisites: Algebra I

Offered: Gr. 11-12

Description: Consumer Math is a one-semester course for juniors or seniors. A practical mathematics course that focuses on essential consumer topics, such as budgeting, savings and investing, housing, vehicles, and taxes. Basic computing and estimation knowledge is a focal point, and an emphasis is also placed on using modern technology and the internet to help solve problems.

PERSONAL FINANCE

Credit - ½ of elective math credit through the Business Ed. Department

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.

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. Right triangle trigonometry is a large component of this course, as well as using diagrams and models to problem solve.

(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 also helps to prepare students for algebra at the college level.

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

TECH MATH

Credit –1

Prerequisites: Algebra 1

Offered: Gr. 11-12

Description: This year long course will teach students how to use arithmetic and algebra as problem solving tools. Topics in the course include arithmetic skills with integers, decimals, and fractions, along with algebraic skills with equations, word problems, percents, and technical formulas. Concepts from geometry and trigonometry are also used as problem solving tools, and include analyzing geometric figures, right triangle trigonometry, perimeter, area, volume, and measurement conversions. The course will focus on solving problems related to three programs offered at CVTC: Machine Tooling, Automotive Tech, and Electrical Power Distribution.

* This is a transcribed credit course, and you can receive 2 Credits from CVTC upon completion of the course with a grade of "C" or better. These credits can also be transferred to colleges and other technical schools upon completion of the course and university approval.

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 and will consist mostly of upperclassmen. Students are required to participate in ALL scheduled performances and quarterly 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, or three-part female voice choir, depending on numbers and voicings, open to all students in grades 9-12. Students are required to participate in ALL scheduled performances and quarterly lessons. (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.

MUSIC/VIDEO PRODUCTION (MUSVID PROD) – 2nd semester course

Credit – ½

Prerequisites: None

Offered: Gr. 9-12

Description: The purpose of the course is to expose students to virtual and artificial reality, 360 degree photo, video capture, music production and YouTube channel and content creation. The curriculum is administered with the hopes that students will leave with real world skills that can be used immediately upon completion of the course.

SCIENCE DEPARTMENT

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

Credit - 1

Prerequisites: None

Offered: Gr. 9-12 (9th graders that meet the Advanced Standing Requirement under Biology may opt out of taking General Science).

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: Meets Advanced Standard Requirement: Advanced standing will be determined by using academic records of incoming freshmen from middle school. Freshmen that maintained a "B" level grade in both 7th and 8th grade science, performed at the "advanced" level on the 8th grade Forward Exam in Science, and were "proficient" in Math and ELA areas on the 8th grade Forward Exam meet this standard.

Offered: Gr. 10-12 (Grade 9 if meeting advanced standing)

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)

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

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: 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: 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.

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

SOCIAL STUDIES DEPARTMENT

AMERICAN HISTORY 1A (AMHIST 1A)

Credit - ½

Prerequisites: None (Required)

Offered: Gr. 9-10

Description: This semester long course focuses on the major events from the Civil War era through the Pre-WW1 era. Students will learn how the issues of westward expansion and slavery led to the secession of the Confederates States and caused the Civil War. Students will also learn how the United States recovered under Reconstruction and the events leading up to the first World War. Students will be exposed to the affect the Homestead Act, enlistment in wars, and government policies had on the Native Tribes in Wisconsin.

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

AMERICAN HISTORY 1B (AMHIST 1B)

Credit - ½

Prerequisites: American History 1A (Required course)

Offered: Gr. 9-10

Description: This semester long course focuses on the major events that have shaped the United States from the beginning of the 1910s to the 1950s. Students will learn about the causes, events, and outcomes of World War I, the Great Depression, and World War II. Students will be able to recognize the difference between tribes in Wisconsin and across the USA, long with the new government agency to protect and help the Indian Nations.

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

AMERICAN HISTORY 2A (AMHIST 2A)

Credit - ½

Prerequisites: American History 1A and 1B (Required)

Offered: Gr. 10-12

Description: This semester long course focuses on the major events that have shaped the United States after World War II until the Reagan Era. Students will learn how the Cold War, Korean War, and Vietnam War influenced American growth and government practices of the time. Students will be able to recognize the difference between tribes in Wisconsin and across the USA, along with the progressive movements of the tribes.

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

AMERICAN HISTORY 2B (AMHIST 2B)

Credit - ½

Prerequisites: American History 1A and 1B, American History 2A (Required course)

Offered: Gr. 10-12

Description: This semester long course focuses on the United States from the 1980s to the present. Students will learn how our country has changed over the last forty years due to the Reagan Revolution, September 11th attack and the subsequent Fight Against Terrorism, and the economic recovery still happening in American society. Students will be able to recognize the progressive movements of the tribes of 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. 9-12

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.)

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.)

CIVICS (CIVICS)

Credit - ½

Prerequisites: None (Required)

Offered: Gr. 11-12

Description: Civics is the study of citizenship and government. This one-semester course provides students with a basic understanding of civic life, politics, government, economic systems and principles, and a short history of the government's foundation and development in this country. Students will learn how power and responsibility are shared and limited by government, the impact of American politics, and which rights the American government guarantees its citizens.

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

HUMAN RELATIONS (HUMANREL)

Credit - ½

Prerequisites: None

Offered: Gr. 11-12

Description: Human relations is the study of human behavior. In this one-semester course students will learn why humans act, think, and respond the way we do. Students will form a basic understanding of how humans develop from birth to death, the different states of consciousness, variations of learning principles, memory and thinking, and the impact of stress on the body.

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

TECHNOLOGY EDUCATION DEPARTMENT

METALS INTRODUCTION (METALS A) - (METALS B)

Fee: \$6.00 per semester

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).

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.

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.

METALS, WELDING AND FOUNDRY (MTLSWELD)

Fee: Cost for materials

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.

ADVANCED WELDING (ADV WELD)

Fee: Cost for materials

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.

AUTO ELECTRONICS (AUTOELCT)

Credit - ½

Prerequisites: Mechanics, Small Engines, a valid Driver's License

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.

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.

INTRODUCTION TO WOODWORKING

Fee: Cost of materials

Credit – ½

Prerequisites: None

Offered: Gr. 9-12

Description: This semester course is designed to give students a basic foundation of wood as a construction material, occupation and careers and safe, skillful use of woodworking equipment.

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 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.

RESEARCH AND DEVELOPMENT 1

Fee: Cost of materials

Credit: 1

Prerequisites: Metals or Woodworking

Offered: Gr. 10-12

Description: Students will have an emphasis on acquiring the basic knowledge of the design process through a Computer Aided Design program (CAD) called Solid works. Students will then take that knowledge of the design process and implement it into the design of a project of their choosing. In addition, students will have the benefit of utilizing all lab areas, and have access to both CTE instructors. This class would be dual credit with CVTC.

RESEARCH AND DEVELOPMENT 2 - - - - - > (OFFERED STARTING IN FALL OF 2019-2020 SCHOOL YEAR)

Fee: Cost of materials

Credit: 1

Prerequisites: Research and Development 1

Offered: Gr. 11-12

Description: Description: In this course students will first review Solid Works and the design process. Students will then design a product and create a manufacturing company utilizing all lab areas. If there are enough students there could be a potential to run more than one manufacturing company. (Potential dual credit with CVTC.)

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.

INDEPENDENT TECH STUDY

Fee: Cost of materials

Credit – ½

Prerequisites: Instructor consent and signed contract

Offered: Gr. 12

Description: This independent study option is available for up to two hours per day for approved seniors. Students may be able to select, plan, design, and/or produce a project of their choosing with the approval of the instructor. This option will give technology driven student access to the shop areas in a supervised setting. The course will be pass/fail. Failure to follow the guidelines of the contract will lead to removal from the course.

SPECIAL CLASSES

CORE PLUS

Credit – ½

Prerequisites: Approval of High School Principal

Offered: Gr. 9-12

Description: Core Plus is a guided study hall designed for students who struggle with school and do not qualify for any type of specially designed instruction or other educational services. Students in Core Plus are helped by the instructor to grow in two main areas: character development and educational content. Time is given during this period to work on assignments from other classes, check school emails, check grade reports, and improve educational skills.

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.

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.

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.

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.