

# Wynot Public Schools

## Course Description Book

### 2023-24



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## INTRODUCTION

The information in this handbook is for the purpose of providing an explanation of Wynot Public High School's program of studies and the requirements for graduation.

Educational planning is important because it prepares students for future career and/or college choices. The decisions made in high school can open and close doors of opportunity. Making wise decisions in high school will allow students greater flexibility in their future.

It is important for students to have a tentative four-year course of study. This will help ensure meeting class and credit requirements, as well as allowing for prerequisites to be taken in a sequential order. Course planning is a continual process and will likely be adjusted each year. Students should prepare and plan carefully with the help of their parents and counselor.

Each year, the Wynot High School curriculum is evaluated and modified based on input provided by faculty, students, and parents. New courses are introduced and other courses are deleted in an effort to provide the best educational experience possible.

Developing a schedule involves a series of steps designed to enable students and parents to make careful and thoughtful selections of the most appropriate courses. Course selection should be based on (a) a student's academic ability and performance, (b) previous subjects taken, and (c) teacher recommendations.

Once courses have been selected, this is a commitment to remain in the chosen classes. Schedule changes for academically displaced students will be made automatically. Every effort will be made to accommodate the selections indicated; however, the following factors may affect the student's final schedule:

1. An elective course offering requested by an insufficient number of students will be canceled.
2. A course request that conflicts (*for example, same period of the day*) with another course request.
3. The prerequisite for the course has not been met.
4. Once the school year has begun, schedule adjustments can be initiated by the teacher or counselor if the student:
  - a. is academically misplaced
  - b. is duplicating a class
  - c. lacks a credit required for graduation

**\*\*Changes will not be made to accommodate personality conflicts or teaching styles.\*\***

## **EDUCATIONAL AND CAREER CHOICES**

Some students decide on a desired career at an early point in their education. Other students merely know they wish to pursue a certain level of education, taking advantage of career opportunities that arise through that course of study.

Matching knowledge of self and desired careers to educational requirements is extremely important. Decisions about preparation and skill level may affect future flexibility and career opportunities. Some of the levels of training and education that may be required for various jobs include, from the lowest level to the highest degree, the following:

- High school diploma
- On-the-job training
- Apprenticeship
- Certification
- College diploma
- Associate's Degree
- Bachelor's Degree
- Master's Degree
- Doctorate/Doctoral Degree

High school course selection is very important. Students will work toward one or more of three educational goals: earning a high school diploma, attending a vocational school, or obtaining a college degree.

### **High School Diploma Track**

- Designed for students who do not plan to continue their education after high school.
- In addition to meeting WPS graduation requirements, students will choose elective courses that will be both interesting and beneficial to them following their graduation.

### **Vocational School Track**

- Designed for students working toward a certificate, diploma, and/or an associate's degree.
- Students are encouraged to take high school courses that are related to their planned program of study.
- These are in addition to meeting the WPS graduation requirements.

### College-Prep. Degree Track

- Designed for students planning to enter a college or university to pursue a bachelor's degree.
- Basic entrance requirements for the University of Nebraska-Lincoln include:
  - Language Arts: 4 years of college preparatory English
  - Mathematics: 4 years of math, including Algebra I, Geometry, Algebra II, and Trigonometry
  - Science: 3 years of natural science
  - Social Science: 3 years of social science
  - Foreign Language: 2 years in the same language
  - Other Requirements: Graduate in the upper half of class, or score a minimum composite of 20 on the American College Test (ACT).

### NCAA CLEARINGHOUSE COLLEGE ATHLETIC REQUIREMENTS

This information has been taken from the National Collegiate Athletic Association (NCAA) Guide for the College-Bound Athlete, and is only a partial list of important information regarding course selection for those planning to participate in inter-collegiate athletics. Please consult an NCAA handbook or website for complete information.

- **Division I Academic Eligibility Requirements:**
  - Graduate from high school
  - Successfully complete a core curriculum of at least 13 academic courses, [This core curriculum includes at least four years in English, two in math (one year of algebra and one year of geometry, or one year of a higher-level math course, for which geometry is a prerequisite), two in social science, two in natural or physical science (including at least one laboratory course, if offered by your high school); one additional course in English, math, or natural or physical science; and two additional academic courses (which may be taken from the already-mentioned categories, e.g., foreign language, computer science, philosophy.)].
  - Consult the NCAA handbook for the qualifier index scale.
- **Division II Academic Eligibility Requirements:**
  - Graduate from high school
  - Have a grade point average of 2.0 (*based on a maximum of 4.0*) in successfully completed core curriculum of at least 13 academic courses [This core curriculum includes three years in English, two in math, two in social science, two in natural or physical science (including at least one laboratory class, if offered by your high school); two additional courses in English, math, or natural or physical science; and two additional academic courses (which may be taken from the already-mentioned categories, e.g., foreign language, computer science, philosophy.)].
  - Consult the NCAA handbook for the qualifier index scale.

### REGISTRATION HINTS

1. Students need to register for a minimum of eight classes per semester.
2. Students will not be permitted to have more than 1 PE class per day.
3. Any required class failed will need to be repeated until credit is received.
4. Ten or more absences in any course may result in loss of credit for that course.

### COURSE OFFERINGS OUTSIDE OF WPS

1. Other courses (*distance learning through NVIS, online APEX, ALEKS, UNLHS, Career Academy, Early Entry College Courses, etc.*) are offered to students but are subject to room availability and the schedule. Students' academic history, motivation, and past behavior may determine whether opportunities are available to individual students or not.
2. Many classes are offered through colleges and universities, and some are available for dual credit. This means students receive high school credit as well as college credit. College tuition is assessed for these

classes. The tuition, and the cost of books and materials is the students' responsibility. Students on free and reduced lunch may qualify for free tuition through an ACE Scholarship program.

3. Students cannot take these classes when the same subject is offered as a regular class at Wynot High School, unless there is a scheduling conflict.
4. Multiple schools often request these classes. Due to this situation, students will not be permitted to drop a class once they have registered to take the class.
5. See the WPS counselor for information on available classes.

### GRADUATION REQUIREMENTS

In order to graduate from Wynot Public Schools, students in grades 9-12 must complete 230 credits. A typical class earns 5 credits per semester for meeting four days a week. Classes meeting four days a week for two semesters earn 10 credits.

Graduation Requirement Hours	
Subject	Credit Hours
Language Arts	40
Science	30
Social Studies	30
Mathematics	30
Physical Education	10
Fine Arts	10
Computer Science	5
Financial Literacy	5
Elective	70
<b>Total Required Hours</b>	<b>230</b>

Required Registration			
Grade 9	Grade 10	Grade 11	Grade 12
- English 9 - Algebra I, A or B - Physical Science - World History - Computer Apps	- English 10 - Geometry - Biology - American Hist	- English 11 - Algebra II - Chemistry or General Science - American Govt	- English 12 - Personal Finance

## AGRICULTURE

### INTRODUCTION TO AGRICULTURE, FOOD & NATURAL RESOURCES (Elective) (Beginning 2nd Semester)

Grade(s): 9-10	This is a core course for the Agriculture, Food and Natural Resources Career Cluster, which will build a knowledge base and technical skills in all aspects of the industry. Learners will be exposed to a broad range of agricultural careers, products, resources, and leadership skills including animal science, plant science, leadership, public speaking, parliamentary procedure, range management, dairy cattle and livestock selection, food science, and record keeping. It is intended to combine classroom instruction, supervised agricultural experience, and activities in the FFA organization to prepare students for careers. Foundation course - required for FFA membership
Credit: 5	
Duration: Sem	
Prereq: N/A	

### ANIMAL SCIENCE (Elective) (2024-2025)

Grade(s): 10-12	A course focusing on the basic scientific principles and processes that are involved in animal physiology, breeding, nutrition, and care in preparation for an animal systems career. Topics include animal diseases, introduction to animal science, animal nutrition, animal science issues, career opportunities and animal evaluation. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.
Credit: 5	
Duration: Sem	
Prereq: Intro to AFNR	

### PLANT SCIENCE (Elective) (2024-2025)

Grade(s): 10-12	This course examines the scientific concepts related to plant systems. Students will consider environmental factors on plant growth. In addition students will examine plant classification, anatomy, physiology, and methods of propagation. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.
Credit: 5	
Duration: Sem	
Prereq: Intro to AFNR	

### AG LITERACY (Elective) (2024-2025)

Grade(s): 11-12	Instruction provided in a semester-long leadership, human resource development, or related careers course includes leadership in a community, leadership concepts/applications, characteristics of an effective leader, characteristics of an effective manager, and a related practicum demonstrating contribution to society. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.
Credit: 5	
Duration: Sem	
Prereq: Intro to AFNR	

### FOOD SCIENCE (Elective) (2024-2025)

Grade(s): 10-12	This course focuses on the importance of a safe, sanitary and reliable food supply for human consumption. Topics explored include food safety regulations and requirements in processing facilities and food service establishments, along with home-handling of foods. Students will also learn to identify pathogenic foodborne illnesses and identify methods to prevent and control those illnesses in various types of food products. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.
Credit: 5	
Duration: Sem	
Prereq: Intro to ANFR	

## BUSINESS, FINANCE & MARKETING

### INTRO TO BUSINESS, MARKETING & MANAGEMENT (Elective)

Grade(s): 9-12	This course is designed as an introductory overview of the Business, Marketing, and Management Career Field. Students will explore various economic systems, forms of business ownership, management, marketing, and accounting. This course also introduces students to the basics of the stock market. The basic concepts of banking, stock markets, and the application process when searching for jobs will also be addressed.
Credit: 5	
Duration: Sem	
Prereq: N/A	

### BUSINESS COMMUNICATION (Elective)

Grade(s): 9-12	Business Communication provides students with communication principles, concepts, and techniques which are essential components for effective organizational behavior in oral, written, and nonverbal communication situations.
Credit: 5	
Duration: Sem	
Prereq: N/A	

### BUSINESS LAW (Elective)

Grade(s): 12 In this course, students develop an understanding of laws and regulations that impact business. Topics  
 Credit: 5 included are contracts, environmental, and employment law. Students also acquire knowledge of business  
 Duration: Sem torts, sources of law, and the United States judicial system and legal procedures.  
 Prereq: N/A

#### **BUSINESS ECONOMICS** *(Elective)*

Grade(s): 11-12 Economics is a course designed to help students understand economic principles as applied to current  
 Credit: 5 events and issues. Emphasis includes allocation of resources, economic systems, economic institutions and  
 Duration: Sem incentives, markets and prices, market structures, productivity, role of government, global economic  
 Prereq: N/A concepts, and economic indicators.

#### **ACCOUNTING I** *(Elective)*

Grade(s): 10-12 This course covers sole proprietorship accounting principles involved in the preparation and maintenance of  
 Credit: 5 financial records concerned with business management and operations. It is a comprehensive introduction  
 Duration: Sem to basic accounting including recording, summarizing and reporting, principles of income measurement and  
 Prereq: Intro to asset valuation, accounting systems and controls. Students are exposed to careers in the accounting field  
 Business or and are given the opportunity to perform accounting applications using the computer. An introduction to  
 Personal Finance partnerships and corporations may be included.

#### **ACCOUNTING II** *(Elective)*

Grade(s): 10-12 This course is a continuation of Accounting I. This one-semester course covers concepts of a merchandising  
 Credit: 5 business which will include accounting principles involved in the preparation and maintenance of financial  
 Duration: Sem records concerned with business management and operations. It is a comprehensive introduction to basic  
 Prereq: ACT I accounting including payroll, related career opportunities, application of generally-accepted accounting  
 principles related to recording, summarizing and reporting, principles of income measurement and asset  
 valuation, and accounting systems and controls. Students are exposed to careers in and related to the  
 accounting field and are given the opportunity to perform accounting applications using technology.

#### **ENTREPRENEURSHIP** *(Elective)*

Grade(s): 11-12 This class will build on the fundamentals learned in Introduction to Business by focusing on generating  
 Credit: 5 business ideas, conducting market research, writing a business plan, and creating professional presentations  
 Duration: Sem for potential investors. Coursework will include projects. This class is highly recommended for any student  
 Prereq: Intro to considering a business degree or opening their own business.  
 Bus, Accounting I Highly suggested to take Entrepreneurship for the entire school year. The course will be offered both  
 or Marketing or semesters.  
 Economics

#### **PERSONAL FINANCE** *(Required)*

Grade(s): 12 This course is a graduation requirement beginning with the class of 2024 and may be taken in 11th or 12th  
 Credit: 5 grade. The goal of Personal Finance is to help students to become financially responsible, conscientious  
 Duration: Sem members of society. To reach that end, this course develops student understanding and skills in such areas  
 Prereq: N/A as income, money management, budgeting, financial goal attainment, the wise use of credit, insurance, and  
 investments.

#### **MARKETING** *(Elective)*

Grade(s): 10-12 This course develops basic student understanding in the functions of marketing, including channel  
 Credit: 5 management, marketing-information management, market planning, product/service management, project  
 Duration: Sem management, promotion, pricing, and selling. Emphasis is placed on marketing strategies, the selling  
 Prereq: N/A process, the use of data in marketing decision-making, and career opportunities in marketing. Fundamental  
 economic concepts are also integrated in the course.

## **COMMUNICATIONS & AUDIO/VISUAL TECHNOLOGY**

#### **BROADCASTING** *(Elective)*

Grade(s): 9-12 Course Description: Students interested in either the Audio and Video Technologies as well as programming  
 Credit: 10 will use new and current technology to create creative electronic displays and weekly broadcasts. The  
 Duration: Yr overlap is extensive as a career pathway course where students post Web-cast, and weekly news. This

Prereq: N/A course is for seniors wanting to investigate the media industry. Course content provides a broad-based exposure to audio, video, and broadcasting within the multi-media sources.

## COMPUTER & INFORMATION SCIENCE

### COMPUTER APPLICATIONS I *(Required)*

Grade(s): 9 Computer Applications focuses on utilizing Microsoft products. Students will do extensive projects using Word, Excel, Publisher, and PowerPoint. Students will also create projects using Windows Live Movie Maker.  
 Credit: 5  
 Duration: Sem Additionally, they will become familiar with working and saving documents within Google Drive  
 Prereq: N/A

## SCIENCE, TECHNOLOGY, ENGINEERING, MATH

### S.T.E.M *(Elective)*

Grade(s): 9-12 This course uses robotics modules to explore areas of Science, Technology, Engineering, and Math. Students will be taking part in assignments including, but not be limited to, building a robot, coding to accomplish a variety of tasks, and research of various STEM topics.  
 Credit: 5  
 Duration: Sem  
 Prereq: N/A

## FAMILY & CONSUMER SCIENCE

### CHILD DEVELOPMENT *(Elective)*

Grade(s): 9-12 This course integrates knowledge, skills and practices necessary for nurturing the growth and development of children. The study of the physical, emotional, social, and intellectual aspects related to newborns through age 12 will be studied in addition to the positive and negative factors that impact child growth and development.  
 Credit: 5  
 Duration: Sem  
 Prereq: N/A

### PARENTS & FAMILIES *(Elective)*

Grade(s): 9-12 This intermediate course will evaluate the effects of parenting roles and responsibilities building on concepts from the introductory course. Topics covered will include influences on parenting, decisions to parent, support services for parents, parenting theories, and family adjustment to parenthood. Emphasis will be placed on positive actions to support the physical, emotional, intellectual, and social development of family members.  
 Credit: 5  
 Duration: Sem  
 Prereq: Child Development

### FUNDAMENTALS OF FOODS & NUTRITION *(Elective)*

Grade(s): 9-12 Foods & Nutrition will teach you skills for life in the areas of food preparation and how diet impacts your life. If you plan on going into any health care career or just want to know more about nutrition for personal application, this course gives you the foundation of nutrition knowledge. Interspersed between nutrition principles are food preparation skills and techniques, food safety, designing your kitchen, and learning about how foods interact through various food labs/cooking/baking experiences. Students will prepare for community events as necessary during the school year.  
 Credit: 5  
 Duration: Sem  
 Prereq: N/A

### NUTRITION AND WELLNESS *(Elective)*

Grade(s): 9-12 This intermediate course provides students with an introduction to the science of nutrition building on concepts from the introductory course. Topics covered include careers in nutrition, digestion and metabolism, functions of the six essential nutrients, nutrient recommendations, diets, meal planning, creating accommodations for consumers, and impacts of the national food system on production and consumerism. Food safety will also be reinforced in this course through hands-on learning opportunities.  
 Credit: 5  
 Duration: Sem  
 Prereq: Fundamentals of Foods & Nutrition

### INTRODUCTION TO DESIGN *(Elective)*

Grade(s): 9-12 This introductory course explores the definition, application and evaluation of elements and principles of design in the interior and apparel industries. Topics covered include knowledge of textiles, apparel skills, and interior design skills. Design technology, career opportunities and the skills necessary for careers in design will also be included.  
 Credit: 5  
 Duration: Sem  
 Prereq: N/A

### TEXTILE CONSTRUCTION *(Elective)*

Grade(s): 10-12 This intermediate course provides an understanding of garment and apparel construction building on

Credit: 5	concepts from the introductory course. Topics covered will include career exploration, textile and apparel
Duration: Yr	design, creation, alteration, selection, and maintenance. This course integrates knowledge, skills,
Prereq: Intro to Design	technology, and practices required for careers in the apparel and textiles industry

#### **FASHION DESIGN** *(Elective)*

Grade(s): 11-12	This intermediate course explores skills needed for the evolving field of the fashion and apparel industry
Credit: 5	building on concepts from the introductory course. Topics covered include examining fashion history,
Duration: Sem	fashion trends, distinguishing characteristics of garments, career opportunities, and business principles. The
Prereq: Textile Constr	design process will be practiced from fashion concept to implementation through the use of technology.

#### **INTERIOR DESIGN** *(Elective)*

Grade(s): 9-12	Students will explore the various housing styles/floor plans, and apply elements and principles of design as
Credit: 5	they relate to interior and exterior housing features. The course will also cover career opportunities, space
Duration: Sem	planning, selection of interior furnishings and products, and the design and development of architecture
Prereq:	and furniture.

### **FINE & PERFORMING ARTS**

#### **BAND** *(Elective)*

Grade(s): 7-12	At this level, quality performance, competition, self-discipline, and pride play a very big role in our program.
Credit: 10	Students learn the basics of their instrument and how to read music. A variety of music from various styles
Duration: Yr	is presented each year. Six (6) objectives are used and are listed in the curriculum guide. Public concerts are
Prereq: N/A	performed which include the Veteran's Day Program, Christmas Concert, Spring Concert, Pops Concert, District Music Contest, pep band performances, commencement, and others depending on public request. The high school pep band (when available) also performs at football, volleyball and basketball games. The band takes a trip every 3 years to participate in a music festival/competition.

#### **CHORUS** *(Elective)*

Grade(s): 9-12	The goal of the chorus at Wynot Public School is to create a confident and competent singing group through
Credit: 10	the performance of unison, two-part, three-part, and four part music of varying styles. Along with the
Duration: Yr	learning of new music, students study various aspects of vocal technique and music theory. Major
Prereq: N/A	performances of the chorus include Conference Vocal Clinic, Veteran's Day Program, Christmas Concert, Spring Concert, Pops Concert, District Music Contest, and Graduation. Small ensembles are formed along with duets and trios, and soloists are encouraged at all times. Swing choir participation is also encouraged, if numbers permit.

#### **INDIVIDUAL MUSIC** *(Elective)*

Grade(s): 12	Individual instruction designed for developing skill and knowledge in instrumental performance.
Credit: 5	
Duration: Sem	
Prereq: N/A	

#### **ART I: 2-D BLACK & WHITE** *(Elective)*

Grade(s): 9-12	Introduction to 2 dimensional drawing and painting, designed to provide a foundation for advanced
Credit: 10	courses. Students explore a variety of art processes and art history.
Duration: Yr	(Examples: pencil, charcoal, scratchboard, acrylic paint, printmaking, etc.)
Prereq: N/A	

#### **ART II: 2-D COLOR** *(Elective)*

Grade(s): 10-12	This course allows students to develop technique, refine skills, and experiment in new and more advanced
Credit: 10	colored art mediums in drawing and painting. (Examples: colored pencil, oil pastel, chalk pastel, marker,
Duration: Yr.	acrylic paint, watercolor, printmaking).
Prereq: 2D B & W	

#### **ART: 3-D CERAMIC AND SCULPTURE** *(Elective)*

Grade(s): 9-12	This course is designed to learn the basics of clay hand-building (pinch pot, slab, coil, modeling), throwing
Credit: 5	on the potter's wheel, and other sculpture mediums. (Examples: white/red clay, papier-mache, plaster, wire,



Duration: Sem tooling foil, cosplay)  
Prereq: N/A

### **INDEPENDENT ART** *(Elective)*

Grade(s): 11-12 This course is offered to the advanced art student, who is interested in further developing their talents.  
Credit: 5 Students are encouraged to pursue new venues in depth of the subject areas and medium of their choice.  
Duration: Sem  
Prereq: 2D B&W  
and 2D Color

## **HEALTH CARE SCIENCES**

### **INTRODUCTION TO HEALTH SCIENCE** *(Elective)*

Grade(s): 10-12 Introduction to Health Science is designed to give an overview of the therapeutic, diagnostic, support  
Credit: 5 services, biotechnology & research and health informatics pathways. The course focuses on health careers,  
Duration: Sem exploration, leadership development, medical terminology, ethical and legal responsibilities, the history of  
Prereq: N/A health care and the economics of health care.  
*This course could be offered with the alternate semester or year being Medical Terminology.*

### **CNA (CERTIFIED NURSING ASSISTANT)** or NCC Nurse Aide (NURA 1110) *(Elective)*

Grade(s): 11-12 This course is designed to meet the Nebraska Health & Human Services System training requirements for  
Credit: 5 nurse aide certification and employment in long-term care facilities. This course combines classroom lecture  
Duration: Sem and laboratory application for the development of basic skills needed to provide safe, effective, and caring  
Prereq: N/A services to the elderly or chronically ill patients of any age, in a long-term care facility.  
Upon completion of this course, the student is eligible to take the state written and practical skills exam.  
After successfully passing this examination and completing the application procedure, the student's name  
will be placed on the basic nurse aide registry at the Nebraska Health and Human Services Regulation and  
Licensure, Credentialing Division.

### **MEDICAL TERMINOLOGY** or Comprehensive Medical Terminology (HLTH 1060) *(Elective)*

Grade(s): 11-12 This course establishes a solid foundation of prefixes, suffixes, word roots, abbreviations, medical terms and  
Credit: 5 symbols. It emphasizes understanding the medical vocabulary as it applies to the anatomy, physiology,  
Duration: Sem pathology, diagnostic, and therapeutic procedures of the human body.  
Prereq: Intro to  
Health Science

## **LANGUAGE ARTS**

### **ENGLISH 9** *(Required)*

Grade(s): 9 This course follows the state language arts standards for reading, vocabulary, writing, and speaking. Weekly  
Credit: 10 vocabulary words and language practice will be a foundation for developing students' fundamental skills in  
Duration: Yr these areas. Language practice will be extended to units covering misplaced and dangling modifiers, parallel  
Prereq: Eng 8 structure, and active and passive voice. An emphasis will be placed on writing complete sentences,  
paragraphs, and at least one five-paragraph essay. Reading will include a variety of prose and poetry with an  
emphasis on plot, theme, symbolism, irony, characterization, etc. Non-fictional pieces connected to each  
will be assigned as well. This will emphasize text, a study of text features and non-fiction genres.

### **ENGLISH 10** *(Required)*

Grade(s): 10 This course emphasizes skills development in reading, vocabulary, writing, and speaking. Students will be  
Credit: 10 introduced to weekly vocabulary words to help develop a working vocabulary. They will also receive weekly  
Duration: Yr opportunities for language practice, including correcting mispunctuated and poorly written sentences. A  
Prereq: Eng 9 special emphasis is placed on punctuation, including end marks, commas, semicolons, colons, italics,  
quotation marks, and ellipsis points—all functional writing tools. Reading will include a variety of prose and  
poetry, placing an emphasis on genre-specific traits and literary terms. Non-fictional pieces will be  
connected to prose and poetry. Composing complete sentences, paragraphs, and essays will be connected  
to the literature in class. Speaking will be connected to the writing students do in class. Students will write  
at-least two five-paragraph essays.

### **ENGLISH 11** *(Required)*

Grade(s): 11 This course continues to develop students' skills in reading, vocabulary, writing, and speaking. Students will  
Credit: 10 continue learning weekly vocabulary words as part of their working vocabulary. A major emphasis will be  
Duration: Yr placed on writing in a variety of genres, including narrative, expository, persuasive, and research  
Prereq: Eng 10 compositions. MLA and APA formats will be introduced. Reading poetry, short stories, and novels will take  
place and focus on a wide variety of literary terms. Students will deliver an in-class speech related to a  
Veterans Day theme. Students will perform mock interviews where they will construct a resume, write a  
cover letter, and include a list of references.

### **ENGLISH 12** *(Required)*

Grade(s): 12 This course includes a year-long review of vocabulary, formatting writing (MLA/APA), basic grammar,  
Credit: 5 sentence structure, usage, and structure. The first semester parallels ENGL 1010 and focuses on the  
Duration: Sem development of expository, narrative, persuasive, and descriptive paragraphs and essays. The second  
Prereq: Eng 11 semester parallels either ENGL 1020 or ENGL 2100 based on the preference of the majority of students. This  
includes reading a variety of literary pieces and focuses on refining writing skills and written expression.

### **ENGLISH COMPOSITION ENG 1010** (1st Sem.) *Dual Credit*

Grade(s): 12 English Composition 1010 is designed to develop writing skills. Students write short papers and essays  
Credit: 5 based on their personal experience and/or assigned readings. The course emphasizes the clear written  
Duration: Sem expression of ideas and the importance of organization, word choice, logic, and sentence construction. The  
Prereq: Eng 11 process of planning, writing, revising, and editing essays for a particular audience is also emphasized. MLA  
and APA formatting have a heavy emphasis in this class.

### **ENGLISH COMPOSITION II-ENG 1020** (2nd Sem.) *Dual Credit*

Grade(s): 12 This course is similar to English Composition 1010 but with an emphasis on the technique of reading and  
Credit: 5 explicating works of literature, particularly novels and poetry.  
Duration: Sem  
Prereq: ENGL  
1010

### **INTRODUCTION TO LITERATURE LIT 2100** (2nd Sem) *Dual Credit*

Grade(s): 11-12 This course is similar to English Composition 1010, but this course focuses on genre and, specifically, reading  
Credit: 5 gothic literary novels, like *Dracula* and *Frankenstein* as well as other, connected literary selections.  
Duration: Sem  
Prereq: ENGL  
1010

### **CREATIVE WRITING** *(Elective)*

Grade(s): 9-12 This course is for those students who have an interest in written expression. Creative writing provides  
Credit: 5 students an opportunity to write for fun and learn about the professional world of writing prose and poetry.  
Duration: Sem Students will be writing original pieces of poetry and prose, learning about submitting and publishing  
Prereq: Eng 8 original work, and constructing a small-scale, school-wide literary journal.

### **NOVELS** *(Elective)*

Grade(s): 11-12 This course is for those students who enjoy reading and taking an introspective look at the depth of  
Credit: 5 meaning provided by classic and modern literature. This course offers a study of the novels of  
Duration: Sem student-selected literature that will cover a variety of American, British, and world literature.  
Prereq: Eng 10

## **MATHEMATICS**

### **ALGEBRA IA**

Grade(s): 9 Algebra A is the first half or semester of Algebra I taught at a more deliberate pace or over two semesters.  
Credit: 5 Algebra I is an organization of mathematics subject matter concerned primarily with introductory study of  
Duration: Sem properties of number systems (real number, complex numbers). Topics studied include algebraic  
Prereq: N/A expressions and symbols, operations of reals (addition, multiplication, inverse operations), binomials,  
absolute values, proofs, and functions.

### **ALGEBRA IB**

Grade(s): 9	Algebra B is the second half or semester of Algebra I taught at a more deliberate pace or over two
Credit: 5	semesters. Algebra I is an organization of mathematics subject matter concerned primarily with
Duration: Sem	introductory study of properties of number systems (real number, complex numbers). Topics studied include
Prereq: N/A	algebraic expressions and symbols, operations of reals (addition, multiplication, inverse operations),
	binomials, absolute values, proofs, and functions.

### **ALGEBRA I (Required)**

Grade(s): 9	Algebra I is an organization of mathematics subject matter concerned primarily with
Credit: 10	introductory study of properties of number systems (real number, complex numbers). Topics
Duration: Yr	studied include algebraic expressions and symbols, operations of reals (addition, multiplication, inverse
Prereq: N/A	operations), binomials, absolute values, proofs, and functions. This course is the basic of all advanced
	math. It is required for admission to most colleges.

### **GEOMETRY (Required)**

Grade(s): 10-11	This course is designed to emphasize the study of the properties and applications of common geometric
Credit: 10	figures in two and three dimensions. It includes the study of transformations and right triangle
Duration: Yr	trigonometry. Inductive and deductive thinking skills are used in problem solving situations, and
Prereq: Alg I	applications to the real world are stressed. It also emphasizes writing proofs to solve (prove) properties of
	geometric figures.

### **ALGEBRA II (Required)**

Grade(s): 11-12	This is a comprehensive second course in algebra. Units of study in equations, inequalities, functions,
Credit: 10	polynomial expression, complex, rational, irrational numbers, conical section equations, exponents, and
Duration: Yr	logarithms, sequences involving summation, etc. probability and statistics.
Prereq:	
Geometry	

### **TRIGONOMETRY**

Grade(s): 11-12	Students will study relations, functions, graphs, trigonometry, polar coordinates, complex numbers, limits,
Credit: 10	and derivatives. The student will analyze and graph mathematical functions. There is an emphasis on
Duration: Year	verification of trigonometric identities using all of the basic trigonometric identities. Students will use
Prereq: Alg I, Alg II, Geometry	graphing calculators in activities that are appropriate to the topics being studied.

## **PHYSICAL, HEALTH, AND SAFETY EDUCATION**

### **HEALTH & PHYSICAL EDUCATION I (Required)**

Grade(s): 10	This course will combine components of the Lifetime Fitness course with an emphasis on individual fitness
Credit: 5	and activities. Topics from the Lifetime Fitness class will include pickleball, basketball, volleyball, bocce ball,
Duration: Sem	ultimate frisbee, swimming, badminton, and other activities. Individual activities will include archery,
Prereq: NA	horseshoes, orienteering, fitness walks, weight lifting, bowling, golf, and an emphasis on personal fitness
	and personal fitness assessment. The health component of the course is the equivalent of one semester.
	During this time students will study units on emotional development, mental health and mental disorders,
	stress, physical fitness, nutrition and weight control, caring for the body, conception and birth (including
	male and female reproductive systems, conception and prenatal development), adolescence, marriage and
	parenthood, aging and death, drugs, alcohol, and smoking, infectious diseases ( <i>including sexually</i>
	<i>transmitted diseases, cardiovascular diseases, cancer, first aid and environmental health</i> ).
	The course is designed to give students information in all areas of health-physical, social, emotional and
	environmental.

### **LIFETIME FITNESS & HEALTH (Elective)**

Grade(s): 11-12	This is an elective offering that is activity based, primarily in the weight room. Each student will be expected
Credit: 5	to complete various workouts in the weight room as well as in the gym. Emphasis will be on the form and
Duration: Sem	technique of various lifts in the weight room as well as improving strength, mobility, and metabolic levels,
Prereq: Health & Physical Ed I	while lowering resting heart rate. Students are to complete a workout log and will test on a variety of lifts
	and agility exercises quarterly. Students should complete Health and Physical Education prior to taking this
	course.

### **ADVANCED PHYSICAL EDUCATION (Elective)**

Grade(s): 10-12	This is an elective offering that is activity based, primarily in the weight room. Each student will be expected to complete various workouts in the weight room as well as in the gym. Emphasis will be on the form and technique of various lifts in the weight room as well as improving strength, mobility, and metabolic levels, while lowering resting heart rate. Students are to complete a workout log and will test on a variety of lifts and agility exercises quarterly. A variety of games will be played once a week such as pickleball, badminton, ultimate frisbee, volleyball, basketball, and archery. Students should complete Health and Physical Education prior to taking this course.
Credit: 5	
Duration: Sem	
Prereq: Health & Physical Ed I	

#### **INTRODUCTION TO STRENGTH & CONDITIONING** *(Elective)*

Grade(s): 11-12	This course is designed for the beginning weight training student and focuses on the development of knowledge and skills utilizing free weights or resistance machines. It includes proper lifting techniques, spotting methods, weight room safety, and workout routines.
Credit: 5	
Duration: Sem	
Prereq: N/A	

#### **INTERMEDIATE STRENGTH & CONDITIONING** *(Elective)*

Grade(s): 12	This course is designed for the intermediate weight training student. It builds on Introduction to Strength and Conditioning by applying basic strength principles and concepts of proper lifting techniques, spotting methods, weight room safety, and workout routines to the intermediate weight training student. The principles of training (progression, overload, specificity, regularity and individuality) are incorporated into this course.
Credit: 5	
Duration: Sem	
Prereq: N/A	

### **SCIENCE**

#### **PHYSICAL SCIENCE** *(Required)*

Grade(s): 9	This course is broken up into two pieces: physics and earth-space science. The first semester and part of the second is devoted to physics topics such as motion, forces, energy, matter, waves, sound, light, and technology. The rest of the second semester is devoted to earth and space science which includes topics such as the formation of Earth, its internal processes, planets, solar system, and galaxy. Labs, activities, projects, field trips, and research projects will be used whenever possible to give students a chance to apply the concepts being learned.
Credit: 10	
Duration: Yr	
Prereq: N/A	

#### **BIOLOGY** *(Required)*

Grade(s): 10	This course contains a variety of topics within the following units: the nature of life, ecology, cells, genetics, evolution, microorganisms and fungi, plants, invertebrates, and chordates. Labs, activities, projects, field trips, and research projects will be used whenever possible to give students a chance to apply the concepts being learned.
Credit: 10	
Duration: Yr	
Prereq: N/A	

#### **CHEMISTRY** *(Required)*

Grade(s): 11-12	This course contains a variety of topics including matter and change, atomic structure, chemical naming and formula writing, molar mass and mass conversions, chemical reactions and equation writing, endothermic and exothermic reactions, atomic models and electron configuration, ionic and covalent bonding, etc. Labs, activities, projects, field trips, and research projects will be used whenever possible to give students a chance to apply the concepts being learned.
Credit: 10	
Duration: Yr	
Prereq: N/A	

#### **PHYSICS** *(Elective)*

Grade(s): 11-12	In this course, students will engage in the study of matter and energy, including chemistry and physics. This course is a basis for the further study of chemistry and physics. Labs or investigations will be used to give students hands-on learning and practical applications as well as to teach the material. Topics will include: matter, the periodic table, elements, mixtures, compounds, chemical reactions, light and electromagnetic spectrum, energy, heat, motion, Newton's laws and momentum.
Credit: 10	
Duration: Yr	
Prereq: N/A	

#### **ANATOMY & PHYSIOLOGY** *(Elective)*

Grade(s): 12	This course contains a variety of topics of the human anatomy and physiology including the organization levels of the human body, principles of support and movement (musculoskeletal system), control systems of the body (nervous and endocrine system), and the rest of the systems of the body. Labs, activities, projects, field trips, and research projects will be used whenever possible to give students a chance to apply the concepts being learned.
Credit: 10	
Duration: Yr	
Prereq: Physical Science, Biology, Chemistry	

## SKILLED AND TECHNICAL SCIENCES

### CONSTRUCTION TRADES I *(Elective)*

Grade(s): 9-12	Introduction to Construction is a course that will offer hands-on activities and real world experiences related to the skills essential in construction. Students will learn the basic elements of the building industry.
Credit: 5	
Duration: Sem	Basic Safety, Introduction to Construction Math, Introduction to Hand Tools, Power Tools, construction drawings, basic communication skills and basic employability skills.
Prereq: N/A	

### CONSTRUCTION TRADES II *(Elective)*

Grade(s): 9-12	Students will be able to identify building products, and safely and correctly use various hand/power/pneumatic tools. Students will continue to develop practical skills such as safety on the jobsite, construction math, use of career exploration required to succeed in the construction industry. Students will practice intermediate woodworking skills through advanced projects.
Credit: 5	
Duration: Sem	
Prereq: N/A	

### Welding I *(Elective)*

Grade(s): 10-12	This course provides in-depth study of metal and fabrication with metal products. Students will learn about personal protection and safety while operating welding equipment. It also provides the opportunity to explore the careers of agricultural metal fabrication. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.
Credit: 5	
Duration: Sem	
Prereq: N/A	

### Welding II *(Elective)*

Grade(s): 11-12	This course provides students with opportunities to effectively perform cutting and welding applications of increasing complexity used in the advanced manufacturing industry. Proficient students will build on the knowledge and skills of the course while learning additional welding techniques not covered in previous course
Credit: 5	
Duration: Sem	
Prereq: Welding I	

## SOCIAL STUDIES

### WORLD GEOGRAPHY *(Elective)*

Grade(s): 9-12	World Geography is a study of the world we live in and the world that surrounds us. The goal of this course is to educate students on various topics that affect geographic studies. Students can expect a wide variety of learning activities from traditional classroom lectures and writing, to group activities, as well as other activities. Topics taught in the class include: Studying Geography, Earth in Space, Weather, Climate, Landforms, Water, Natural Resources, Human Geography, and Human Systems
Credit: 10	
Duration: Sem	
Prereq: N/A	

### WORLD HISTORY *(Required)*

Grade(s): 9	World History will examine the history of man from 1000 C.E. to present day. The goal of this course is to examine the major historical periods, events, and people that have shaped and influenced the history of the world. This course is broken down and taught using thematic units and a variety of learning activities. Units include the Middle Ages, the Age of Exploration and Expansion, Absolutism and Revolution, Industrialism and Nationalism and World War in the 20th century among others.
Credit: 10	
Duration: Yr	
Prereq: N/A	

### AMERICAN HISTORY *(Required)*

Grade(s): 10	This course is a required one-year study of the United States from 1877 to the present. The time span of the course is divided into small units such as the Progressives, World Wars, Civil Rights, and the Cold War. Within each unit events are looked at from several perspectives such as geographic, political, economic, social, and international influence. Emphasis is placed on relating the effects of past events to the present. The course is enriched with various activities which help students learn social studies skills as well as historical content. These include web lessons, decision-making, role- playing, and authentic assessment.
Credit: 10	
Duration: Yr	
Prereq: N/A	

### AMERICAN GOVERNMENT *(Required)*

Grade(s): 11	American Government is a year-long course that examines multiple facts of all levels of government in the United States. It is the goal of this course to help students become informed and participatory citizens in our nation's government. Students can expect a wide variety of learning activities from traditional classroom lectures and writing, to group activities, field trips, as well as other activities.
Credit: 10	
Duration: Yr	
Prereq: N/A	

The topics taught in class include: responsibilities of government and the constitution, political parties and voting, taxes and economic responsibilities of the U.S. government, criminal justice system, civil rights, and foreign policy. In addition to these topics current event issues will be discussed as part of the course.

This course is approved for 3 hours college credit through Northeast Community College for two semesters of course study. Students in college credit are expected to do extra assignments and be able to pass the requirements set by Northeast Community College. The class includes the study of early governments, and the history of our American Constitution. The study of the basics of the Constitution with emphasis on the Executive, Legislative and Judicial branches of government including the court cases of the amendments to the Constitution.

#### **ECONOMICS & FINANCIAL LITERACY** *(Required)*

Grade(s): 12  
Credit: 5  
Duration: Sem  
Prereq: N/A

Economics is a course designed to help students understand economic principles as applied to current events and issues. Emphasis includes allocation of resources, economic systems, economic institutions and incentives, markets and prices, market structures, productivity, role of government, global economic concepts, and economic indicators.

The purpose of this Financial Literacy is to meet Nebraska state social studies standards for economics and financial literacy. For the first nine weeks of the semester, students will study macroeconomic concepts as they relate to the economy of the United States and other countries. Some of the topics that the students will explore include; economic systems, scarcity, supply and demand, and how to measure economic activity by looking at inflation, national debt, unemployment, and gross domestic product. The second nine weeks will focus on personal financial concepts such as saving, buying, borrowing, using credit cards, budgeting, and investing. Students will gain a better understanding of how the economy works and how to manage their own money after completing the course.

#### **MODERN PROBLEMS** *(Elective)*

Grade(s): 9- 12  
Credit: 5  
Duration: Sem  
Prereq: N/A

An advanced course dealing with the analysis of economic, social, political, cultural, and other issues which influence the economic, social, political, and cultural change and development of modern societies, specifically American society.

### **WORLD LANGUAGES**

#### **SPANISH I** *(Required)*

Grade(s): 9  
Credit: 10  
Duration: Yr  
Prereq: N/A

This course is to familiarize the student with Spanish culture and customs. Students also learn basic Spanish vocabulary, grammar, and idiomatic expressions. Communication in the target language is one of the goals of this class. Spanish activities shall be emphasized to develop verbal and listening skills. Simple translation skills via the computer shall be introduced. The Expresate I or appropriate text will be used. The course will be adjusted depending upon the student's abilities.

#### **SPANISH II** *(Elective)*

Grade(s): 10-12  
Credit: 10  
Duration: Yr  
Prereq: Spanish I

This course is a continuation of Spanish I, again emphasizing speaking, reading and writing skills. Students also work to build up their listening and dictation skills. The units in the textbook, *Avancemos 2*, are set in: Miami's Cuban District, Costa Rica, Argentina, with reviews on Puerto Rico and Mexico. After studying about Costa Rica, students will study Ch. 10 in *Voces y vistas*, another Spanish textbook. Those in Spanish II will also study a series of cultural lessons on different Hispanic musics. Grammar topics include: direct object pronouns, regular and irregular preterite, demonstratives, reflexive verbs and imperfect tense. Vocabulary categories include: places, traveling, sports and health, daily routines, clothes and shopping, building materials, legends and stories, animals, scenery and cowboy/rodeo words.

### **NON-DEPARTMENTAL**

#### **TEACHER AIDES** *(Elective)*

Grade(s): 12  
Credit: 5  
Duration: Sem  
Prereq:

Senior students may serve as elementary teacher assistants and Physical Education assistants with approval from the administration and the supervising teacher. Assistants must maintain a GPA of 3.0. In choosing to do so the student is assuming responsibilities that should carefully be considered.

As teacher aide you will perform those duties as assigned by the teacher. Some of these duties may be:



- Permission of the Principal, Counselor, and Teacher
- Bulletin board design
  - Cleaning boards or other surfaces
  - Reviewing papers or reading assignments of students while monitored by the teacher
  - Running errands in the building for teachers
  - Making and cutting out stencils
  - Sorting and counting materials
  - Performing those tasks as directed by the teacher.

Teacher Aides are expected to be exemplary models, on time, and enthusiastic. It can be an especially rewarding experience. Your attitude, attendance, and skills will be graded.

### WORK-BASED LEARNING *(Elective)*

Grade(s): 12  
Credit:  
Duration: 1-2 Sem  
Prereq:  
Permission of the Principal

The purpose of the Work-Based Learning program will be to allow qualifying seniors the ability to work during school to further their employability skills. For students to participate, students must be able to maintain passing grades in all classes; students must not exceed the school policies related to attendance/tardies, students must show proper behavior in class and all activities. Students will provide their own transportation to and from work. Students cannot be a TA or mentor and have WBL in the same semester.

### ONLINE COLLEGE COURSES

Grade(s): 11- 12  
Credit: 3  
Duration: Sem  
Prereq:  
Permission of the Counselor

Applicants must have a 3.0 cumulative GPA ,be age 16, have no attendance issues, and no serious behavior problems. Several high school and college classes are available for 11th and 12th graders through many colleges such as Northeast, Southeast, WSC, Metro (etc). Students may receive dual credit for high school and college credit classes. Non-dual credit college courses will not be calculated in the student's GPA. Tuition plus materials will be charged for college classes. The college classes may satisfy college program requirements. Student's are responsible for paying tuition, fees and books.

### CAREER EDUCATION/ACT Prep

Grade(s): 11  
Credit: 5  
Duration: Sem  
Prerequisite: N/A

This course is designed to prepare students for the world of work by exploring careers and the many steps needed to be successful. These include writing resumes, comparing jobs, job shadows, mock interviews, work environment, working with others, and doing research. Students will also explore individual interests, abilities, skills and talents that may fit into different careers suitable for them. Students will have the opportunity to search for scholarships, do college research and will be exposed to many objectives that are similar to being in an actual college course. Developing a resume and working on college scholarships will be included. If needed, students can complete an entire ACT PREP class as well.

### Dual Credit Coursework Taught by WPS Instructors

College	On-Campus Coursework for College Credit	Credit Hours
NECC	ENGL 1010 English Composition I	3
NECC	ENGL 1020 English Composition II	3
NECC	ENGL 2100 Intro to Literature	3
NECC	HIST 2010 American History I	3
NECC	HIST 2020 American History II	3
NECC	POLS 1000 American Government	3
NECC	NURA 1110 Certified Nurses Aide	3
NECC	HLTH 1120 Medication Aide	3