

WAHOO HIGH SCHOOL

WAHOO PUBLIC SCHOOLS

Wahoo, Nebraska



"Inspiring Our Students to Thrive"

CURRICULUM GUIDE

2020-2021 – DRAFT

Last Reviewed: 02/20/2020

MESSAGE FROM THE PRINCIPAL

This Wahoo High School curriculum/registration guide has been designed to assist you with the selection of courses in grades 9-12. A challenging set of tasks awaits you. In addition to meeting the requirements for graduation as set forth by the Wahoo Public Schools Board of Education, you must select the appropriate classes and devise an educational plan that also meets your specific interests and future needs.

Take full advantage of the high school's comprehensive curricular offerings. If you are interested in college and a professional career, our academic programs include honors courses as well as dual-credit classes. If you are interested in technical programs or employment immediately following graduation, our vocational courses and business courses offer students the opportunity to develop specific skills to become very successful.

Wahoo High School uses a Strength of Schedule method (grade earned plus any GPA value points that weighted classes have to determine class rank). The Rank Weighting is noted on the course description for a class. Students who wish to challenge themselves by taking more rigorous classes may have the advantage of earning a higher Rank in Class. This method will not impact the student's Grade Point Average.

Please Note: You will limit, in some cases, severely limit, your ability to be successful following graduation if you take the path of least resistance in the choices you make for classes. Students absolutely must take those courses that fully prepare them for future success. The amount of work and effort that you put into your education will be directly proportional to the success you will experience following your four years of high school.

High school education begins with the freshman year. The grades earned freshman through senior year are part of the transcript, which lists the courses taken, grades received and credit earned. Post-secondary school personnel request these transcripts to determine admission status and eligibility for scholarship or college athletics. Also, employers may check the high school record for courses taken and daily attendance record.

It is imperative that parents and students become thoroughly familiar with the course offerings, graduation requirements, post-secondary entrance requirements and guidance services available. It is important that parents, students and staff work together in order to obtain maximum benefits from available educational programs. This cooperative endeavor is most important as students prepare for post-secondary education and careers in the 21st century.

As a faculty and staff we ask that you do your very best. Teachers, counselors, administrators and classified employees are here to help in any way that we can to make your high school years as successful as possible. The bottom line, however, is that your achievement is up to you!

Sincerely,

Jarred Royal

Principal, Wahoo High School

MISSION

"Inspiring Our Students to Thrive"

NON-DISCRIMINATION POLICY

The Wahoo Public School System does not discriminate on the basis of race, color, national origin, gender, marital status, disability or age in admission or access to, or treatment of employment, in its programs and activities. The following person has been designated to handle inquiries regarding complaints, grievance procedures or the application of these policies of nondiscrimination.

Name/Title: Brandon Lavaley, Superintendent

Address: 2201 North Locust Street, Wahoo, NE 68066

Phone: 402-443-3051

INTRODUCTION

The information in this Curriculum Guide has been compiled to provide you with an explanation of the Wahoo High School program of studies and the requirements for graduation. The list of classes for each department may provide a base from which you may select those classes appropriate for your major area of interest.

Educational planning is important. The courses you take, beginning in 9th grade and throughout high school, will set you on a particular career or college path. By choosing, or not choosing, particular classes, you will either gain or lose opportunities and options to prepare for your post-graduate plans. It is far better to plan your courses for your future than to take whatever is convenient at the time.

It is recommended that you create a four-year tentative course of study plan, beginning in ninth grade. There are several reasons for this:

1. To get all required classes.
2. To have the required credits for graduation.
3. To get the prerequisites in the early years for the classes you want to take later (Prerequisites are classes that must be successfully completed before a higher level class can be taken. For example: Woods 1 is required before Woods 2.)
4. To ensure that the classes you take are the ones that make your high school experience as interesting and beneficial as possible.
5. To be prepared for college or future career.

Course planning is not a one-time event. It is a process that continues throughout your four years of high school. Each year, students are expected to complete and/or update a four-year personal learning plan (PLP), which is recommended by the Nebraska Department of Education. Take time to discuss your plan with your parents and counselor. Review it periodically, especially if your goals change. This booklet is your manual for preparing your educational plan.

COURSE OF STUDY PLAN

SAMPLE Personal Learning Plan

Grade 9 - Semester 1

English 9 (5 credits)
Alg I or Honors/Geometry (5 credits)
General Science (5 credits)
World Geography (5 credits)
Physical Education (5 credits)
CTE-Business, FCS & Tech or Speech (5 credits)
Fine Arts (5 credits)
Elective (5 credits) e.g. Spanish

Grade 10 - Semester 1

English 10 (5 credits)
Honors/Geometry or Honors/Alg 2 (5 credits)
Honors/Biology (5 credits)
World History (5 credits)
Personal Finance (5 credits)
CTE-Business, FCS & Tech (5 credits)
Electives (10 credits) e.g. Spanish

Grade 11 - Semester 1

English 11 (5 credits)
Honors/Alg 2/Pre-Calc/Trig (5 credits)
Essentials/Honors/Chemistry (5 credits)
U.S. History (5 credits)
*Honors Am. Gov't (5 credits)
CTE-Business, FCS & Tech (5 credits)
Electives (10 credits)

Grade 12 - Semester 1

NOTE: Students may only have two 0 credit options scheduled per semester without administrative approval.

English 12- I or Clg. Comp. (5 credits)
*American Government (5 credits)

Electives: May include any courses not yet taken, courses repeated to improve score, Dual Credit or SENCAP courses, or other miscellaneous courses and opportunities listed on page 8 of this curriculum guide.

**A student will need to take Am Gov't in Grade 12 if they did not complete and pass 2nd semester Honors Am. Gov't. in Grade 11.*

Grade 9 - Semester 2

English 9 (5 credits)
Alg I or Honors/Geometry (5 credits)
General Science (5 credits)
World Geography (5 credits)
Physical Education (5 credits)
CTE-Business, FCS & Tech or Speech (5 credits)
Fine Arts (5 credits)
Elective (5 credits) e.g. Spanish

Grade 10 - Semester 2

English 10 (5 credits)
Honors/Geometry or Honors/Alg 2 or (5 credits)
Honors/Biology (5 credits)
World History (5 credits)
Business Economics (5 credits)
CTE-Business, FCS & Tech (5 credits)
Electives (10 credits) e.g. Spanish

Grade 11 - Semester 2

English 11 (5 credits)
Honors/ Alg 2/Pre-Calc/Trig (5 credits)
Essentials/Honors/Chemistry (5 credits)
U.S. History (5 credits)
*Honors Am. Gov't (5 credits)
Electives (15 credits)

Grade 12 - Semester 2

NOTE: Students may only have two 0 credit options scheduled per semester without administrative approval.

English 12-II, Clg. Intro to Lit, Clg. Comp 2 (5 credits)

Electives: May include any courses not yet taken, courses repeated to improve score, Dual Credit or SENCAP courses, or other miscellaneous courses and opportunities listed on page 8 of this curriculum guide.

CREDITS

For each course passed, the student will receive 5 credit hours per semester high school class, with the following exceptions: START, WEBSS or Resource Study Hall, Transitions, Teacher Aide (TA), or *college only* distance learning classes—these classes do NOT count for credit.

CLASS STATUS

The following are general guidelines for a student on a typical 4-year plan.

SENIOR:	minimum of 3 years of high school + 170 credits.
JUNIOR:	minimum of 2 years of high school + 120 credits.
SOPHOMORE:	minimum of 1 year of high school + 60 credits.
FRESHMAN:	less than 60 credits earned toward graduation.

ACADEMIC ACHIEVEMENT

Academic achievement is recognized each semester. Students who have incomplete grades in a class will not be listed on the honor roll. The criteria for each honor roll is as follows:

High Honor Roll	4.0 GPA
Honor Roll	3.67- 3.99 GPA
Honorable Mention	3.50-3.66 GPA

GRADING SYSTEM

The following is the letter grade, percentage, and its associated Grade Point Average (GPA).

GRADE	PERCENTAGE	GRADEPOINTS
A+	(98-100)	4.00
A	(95-97)	4.00
A-	(93-94)	3.67
B+	(90-92)	3.33
B	(87-89)	3.00
B-	(85-86)	2.67
C+	(82-84)	2.33
C	(79-81)	2.00
C-	(77-78)	1.67
D+	(75-76)	1.33
D	(72-74)	1.00
D-	(70-71)	0.67
F	(0-69)	0.00

Note: Dual enrollment courses will follow the college's grading system, which is usually on a 10-point scale. This will not affect GPA or Rank as it is interpreted on PowerSchool. However, it will explain differences regarding percentages that show on transcripts.

GRADE POINT AVERAGE

A student's Grade Point Average (GPA) is computed from all graded courses in grades 9-12 and is reported on a 4.0 unweighted scale. On the unweighted scale, a 4.0 is equal to an "A," 3.0 is equal to a "B," etc. An unweighted 4.0 scale is preferred by college admissions offices. The student's unweighted GPA is used as part of the formula with the Strength of Schedule Class Ranking System to compute a weighted class rank for the student. The unweighted GPA is also a factor in determining some honors and eligibility for post-secondary scholarships. Repeating a course, in an attempt to improve the overall GPA, does not remove the original grade from the permanent record.

STRENGTH OF SCHEDULE WEIGHTED CLASS RANKING SYSTEM

With the class of 2011, WHS began using a Strength of Schedule System to determine a weighted class rank. Strength of Schedule course levels are determined by the administration with staff input.

In classes with a Rank Weighting of 0, (also referred to as a Core Class), a student does not receive any Grade Point Average (GPA) added value points. In classes with a Rank Weighting of 1, (also referred to as an Honors Class), a student receives one (1) Grade Point Average (GPA) added value point. In classes with a Rank Weighting of 2, (also referred to as a College/Dual Credit Class), a student receives two (2) Grade Point Average (GPA) added value points.

For instance, Algebra 2 has a Rank Weighting of 0, Honors Algebra 2 has a Rank Weighting of 1, and College Algebra has a Rank Weighting of 2. Using those examples, a student who receives a grade of a "B" (3.00) in Algebra 2 – Rank Weight 0 – earns zero (0) GPA added value points. A student with a "B" (3.00) in Honors Algebra 2 – Rank Weight 1 – receives one (1) GPA added value point. The student with a "B" (3.00) in College Algebra – Rank Weight 2 – receives two (2) GPA added value points. All classes follow the same pattern to determine the overall average and class ranking.

Rank weighting does not impact GPA and is only used to determine a weighted class rank.

COURSE LOAD REQUIREMENTS

Each student is eligible to take eight courses during the regular school day. Seniors are required to register for a minimum of 6 courses each semester, but are highly encouraged to sign up for a full load of classes, as we have found that the student who remains busy is the one who obtains the greatest amount of success. Any deviation or exception to the minimum number of classes taken by a senior student during a semester must have administrative approval.

SCHEDULES AND SCHEDULE CHANGE PROCEDURES

IMPORTANT NOTE: Students will register for classes in the spring prior to starting the next year's classes. It is advised that students agree to both of their 1st and 2nd semester class schedules as they stand on the first day of the school year. Schedule changes will only be considered under special circumstances and with administrative review. If a schedule change is made, parent/guardian, staff and administrative approval may be needed. Note that a schedule change may be denied if there is not room for the student in the class requested.

WAHOO HIGH SCHOOL CEEB CODE

High Schools and colleges each have a school code to identify where students' records and information come from or need to go. This school code is a College Entrance Examination Board (CEEB) code. Most college entrance tests like the ACT and SAT tests require the student include his/her high school code. NCAA Clearinghouse also requires the high school code to access a list of approved courses to take in high school to meet Division I and II colleges' entrance requirements. **Wahoo High School's CEEB code is: 282-440.**

WAHOO HIGH SCHOOL - COURSES OFFERED 2020-2021¹

(¹Note: A course may be dropped from this list if enrollment numbers or scheduling parameters make it impractical to offer that course.)

NOTES:

The number in front of each class denotes course's Rank Weight.

0 = Core Course

1 = Honors Course

2 = College/Dual Credit Course

One-semester courses are in italics.

(^) indicates needs a prerequisite

(*) indicates a college prep class

(#) Special Permission/Requirement

(CTE) Career & Tech. Education

BUSINESS (CTE)

0 Accounting 10, 11, 12

0 *Business Economics* 10, 11, 12

0 *Business Law* 10, 11, 12

0 *Digital Media* 9, 10, 11, 12

0 *Information Tech.* 9, 10, 11, 12

0 *Personal Finance* 10, 11, 12

0 *Web Design* 9, 10, 11, 12

0 *Computer Sci. Principles* 9, 10, 11, 12

ENGLISH

0 *Speech* 9, 10, 11, 12

0 English 9

0 English 10

0 English 11

0 English Twelve I 12

0 English Twelve II 12

2 ^*#*Intro to College Literature* 12

2 ^*#*College Composition I* 12

2 ^*#*College Composition II* 12

FINE ARTS

0 Art 1 9, 10, 11, 12

0 ^Art 2 10, 11, 12

0 ^#Independent Art 3 11, 12

1 ^# Independent Art 4 12

0 ^Band 9, 10, 11, 12

1# Chamber Band 9, 10, 11, 12

0 Choir 9, 10, 11, 12

1 ^# Chamber Choir 10, 11, 12

0 *Music Technology* 9, 10, 11, 12 (CTE)

0 *Musical Theater/Drama* 9, 10, 11, 12

0 ^#Yearbook/Journalism #9, 10, 11, 12

FOREIGN LANGUAGE

0 Spanish 1 9, 10, 11, 12

0 ^Spanish 2 9, 10, 11, 12

0 ^Spanish 3 10, 11, 12

FAMILY AND CONSUMER SCIENCES (CTE)

0 *Life Skills for Health* 9, 10, 11, 12

0 *College & Career Readiness* 11#, 12

0 *Food, Nutr. & Well.* 9 10, 11, 12

0 *Hous. & Inter. Design* 9, 10, 11, 12

0 *Parent. & Child Develop.* 10, 11, 12

0 *Fashion Design* 9, 10, 11, 12

MATH

0# Pre-Algebra 9, 10, 11, 12

0 ^Algebra 1 9, 10, 11, 12

0 ^Geometry 9, 10, 11, 12

1 ^#Honors Geometry 9, 10, 11, 12

0 ^Algebra 2 10, 11, 12

1 ^#Honors Algebra 2 10, 11, 12

1 ^ Pre-Calculus & Trig. 11, 12

1 ^ Calculus 12

2 ^*#Clg. Calculus 12

0 ^# *Clg Prep Math* 12

2 ^*# *Clg Technical Math* 11, 12

2 ^*#*Clg. Algebra* 11, 12

2 ^*#*Applied Statistics* 12

PHYSICAL EDUCATION

0 PE 9, 10, 11, 12

0 ^*Strength & Fitness* 10, 11, 12

SCIENCE

0 ^General Science 9

0 Biology 10

0 # Honors Biology 10

0 ^# Chemistry Essentials 11, 12

0 ^ Chemistry 11, 12

0 ^# Honors Chemistry 11, 12

1 ^# Chemistry 2, 12

1 ^# Human Anatomy 11, 12

1 ^# Physics 11, 12

1 ^# Zoology 11, 12

SKILLS & TECHNICAL SCIENCES (CTE)

0 *Auto* 9, 10, 11, 12

0 *Computer Aided Draft Design* 1 9, 10, 11, 12

0 ^ *Computer Aided Draft Design* 2 9, 10, 11, 12

0 ^ *Computer Aided Draft Design* 3 10, 11, 12

0 ^ *Computer Aided Draft Design* 4 10, 11, 12

0 *Metals 1* 9, 10, 11, 12

0 *Metals 2* 9, 10, 11, 12

0 ^*Metals 3* 10, 11, 12

0 ^*Metals 4* 10, 11, 12

2 ^*#*SENCAP SMA Weld Theory/Lab* 11, 12

2 ^*#*SENCAP GMA Weld Theory/Lab* 11, 12

0 *Woods 1* 9, 10, 11, 12

0 ^*Woods 2* 9, 10, 11, 12

0 ^*Woods 3* 10, 11, 12

0 ^*Woods 4* 10, 11, 12

0 Introduction to Agriculture 9, 10, 11, 12

(Course taught at BNHS)

0 ^ Agribusiness/Leadership 10, 11, 12

(Course taught at BNHS)

SOCIAL STUDIES/HISTORY

0 ^*Am. Government* 11, 12

1 ^#Honors Am. Gov't (DC) 11, 12

0 ^U.S. History 11

0 World Geography 9

0 ^World History 10

MISCELLANEOUS

1 #*CEO (7:30-9AM or 2-3:30PM)* 12 (CTE)

2 ^*# *Career Academy (SENCAP)* 11, 12

(Curriculum Guide p. 41)

2 ^*# *Dual Enrollment* 11, 12

(Curriculum Guide pp. 37-40)

0 #*START (7th/8th period only)* 12

0 # *Teacher Assistant (TA)* 12

Alt. School/Credit Recovery 9, 10, 11, 12

SPECIAL EDUCATION

See "Course Descriptions - Special Education" Section.

GRADUATION REQUIREMENTS

The following chart includes course work required to meet basic WHS graduation requirements. Graduation requirements are two-fold: a minimum of 250 credits and all required classes.

ENGLISH	4.5 years (9 semesters) Speech (1 semester) English 9: S1 & S2 English 10: S1 & S2 English 11: S1 & S2 Senior English: one year of the following choices: English 12-I & English 12-II College Composition I & College Composition II Intro to College Literature (1 semester – offered 2 nd sem.)	45 credits
MATH	3 years (6 semesters) Algebra 1: S1 & S2 Geometry or Honors Geometry: S 1 & S2 Algebra 2 or Honors Algebra 2: S1 & S2	30 credits
SCIENCE	3 years (6 semesters) General Science: S1 & S2 Biology or Honors Biology: S1 & S2 Chemistry Essentials, Chemistry or Honors Chemistry: S1 & S2	30 credits
SOCIAL STUDIES	3.5 years (7 semesters) World Geography (S1 & S2) World History (S1 & S2) U.S. History (S1 & S2) American Government (1 semester)	35 credits
PHYSICAL EDUCATION	1 year (2 semesters)	10 credits
FINE ARTS	1 year (2 semesters)	10 credits
BUSINESS	1 year (2 semesters) Personal Finance (1 semester) Business Economics (1 semester)	10 credits
CTE (Career/Tech Ed.)	2 years (4 semesters) Courses in Business, FACS &/or Skills & Technical Sciences	20 credits
ELECTIVES	(12 semesters)	60 credits

POST-SECONDARY LEARNING PREPARATION

Research done by organizations like College Board or the Pew Research Center have released numerous studies that show how learning beyond high school (four-year or two-year institution or an apprenticeship) opens the door to better earnings, better personal health and higher levels of community involvement.

The basic academic entrance requirements for the University of Nebraska at Lincoln are typical of many **four-year colleges or universities**. Students should always check a college's admissions website or ask a college representative what high school classes are needed to prepare them for a particular college, or college major since admissions standards vary.

ENGLISH - 4 Units: All units must include intensive reading and writing experiences.

MATH - 4 Units: Algebra 1, 2, Geometry are required, and one unit that builds on knowledge and concepts learned in Algebra 2.

SCIENCE - 3 Units: At least 2 units from Biology, Chemistry, Physics or Earth sciences; one of these must include laboratory instruction.

SOCIAL STUDIES 3 Units: One unit from American and/or World History, one unit from history, Am. Gov't, and/or Geography, and a third unit from any social science discipline.)

FOREIGN LANGUAGE- 2 Units: Both units must be in the same language. Students who are unable to take 2 years of foreign language in high school may still qualify for admission.

In addition to meeting the above core course requirements, incoming college freshmen should:
be ranked in the top half of their high school graduating class OR
have received an ACT composite score of 20 or higher* (writing portion not required), OR
have received an SAT total score of 1030 or higher* (Critical Reading and Math sections.)

Students who plan to continue their education beyond high school at a **two-year or community college** will face different and often less restrictive entrance requirements. Generally, community colleges are open enrollment, which means that any high school graduate is eligible to attend. But some programs are selective with limited enrollment. Those colleges usually have a separate application and specific admission requirements such as ACT or Accuplacer Next Generation scores for course placement purposes.

For many young people with limited incomes, an **apprenticeship** may be an ideal way to gain the education and training needed for a skilled good-paying job - with minimal costs and no college loans to pay off at the end of training. Apprenticeships are available for many skill or trade occupations. Possibilities range from telecommunications, environmental protection and culinary arts to healthcare, childcare, and security work. These programs combine structured on-the-job training with classroom instruction. The length of time it takes to complete an apprenticeship program depends on the sponsor and the particular job. According to the Bureau of Labor and Statistics, apprenticeship programs typically take one to six years to complete. The majority of programs require a student to complete a minimum of 2,000 work hours, but others may require up to 12,000 hours. Classroom instruction often counts toward licenses, certifications and college degrees.

COURSES OFFERED/COURSE DESCRIPTIONS

BUSINESS

ACCOUNTING

Grades: 10-12. Year long course.

Prerequisite: None.

Recommended for students majoring in Business or Accounting. Students must pass 1st semester Accounting to continue with 2nd semester.

Rank Weighting: 0

Accounting instruction provides an understanding of the basic principles and concepts of the double-entry accounting system. Students will study the accounting cycle for a sole proprietorship. Some activities in the course include recording transactions, preparing worksheets, financial statements, becoming familiar with accounting terminology, and consideration of career opportunities in accounting. This two-semester course covers sole proprietorship accounting principles involved in the preparation and maintenance of financial records concerned with business management and operations. It is a comprehensive introduction to basic financial accounting including recording, summarizing and reporting, principles of income measurement and asset valuation, accounting systems and controls. Students are exposed to careers in the accounting field and are given the opportunity to perform accounting applications using the computer. An introduction to partnerships and corporations may be included.

BUSINESS ECONOMICS

Grades: 10-12. Semester-long course.

Prerequisite: None.

Rank Weighting: 0

A course designed to help students understand economic principles as applied to current events and issues. Emphasis includes economic systems and structures, supply and demand, opportunity costs, inflation, price mechanisms, markets, role of competition, money and monetary policy, role of labor organizations and productivity.

BUSINESS LAW

Grades: 10-12. Semester-long course.

Prerequisite: None.

Rank Weighting: 0

A course designed to present the study of the legal rights and responsibilities necessary to be informed and productive citizens, employees, employers, and consumers in the free enterprise system. Key concepts include contracts and torts, the role of courts, regulation, litigation and constitutional issues including civil and criminal law.

COMPUTER SCIENCE PRINCIPLES

Grades 9-12. Semester-long course.

Prerequisite: None.

Recommended for students interested in Computers, Graphics, and Information Technology.

Rank Weighting: 0

Computer Science Principles introduces students to the introductory concepts of computer science and challenges them to explore how computing and technology can impact the world. This course explores many of the foundational ideas of computing so all students experience how these concepts are transforming the world we live in.

DIGITAL MEDIA

Grades 9-12. Semester-long course.

Prerequisite: None.

Recommended for students interested in Computers, Graphics, and Information Technology.

Rank Weighting: 0

Students will create, design, and produce digital media including sound, video, graphics, and text. Emphasis will be placed on effective use of tools for interactive multimedia production. Students will cover maintaining digital safety, ethical and legal decisions, careers in digital media, photography, Photoshop, and iMovie.

INFORMATION TECHNOLOGY

Grades 9-12. Semester-long course.

Prerequisite: None.

Recommended for students interested in Computers, Graphics, and Information Technology.

Rank Weighting: 0

Students will be instructed in the integrated applications of word processing, PowerPoint, and spreadsheet functions. Students will gain an in-depth understanding of all the elements of Microsoft Office.

PERSONAL FINANCE

Grades: 10-12. Semester-long course.

Prerequisite: None.

Rank Weighting: 0

A course designed to assist students in personal financial management skills. Students learn to manage their resources and make sound personal financial decisions. Units of study include budgeting, credit, insurance, saving, investing, home ownership, banking, taxes, wills, and estates.

WEB DESIGN

Grades 9-12. Semester-long course.

Prerequisite: None.

Recommended for students interested in Computers, Graphics, and developing web sites.

Rank Weighting: 0

This class is designed to provide students with knowledge of web design. Students will design, create, and develop numerous web sites, and be responsible for updating them throughout the semester.

ENGLISH

COLLEGE COMPOSITION I (SCC Class - ENGL1010 Composition I)

Grade: 12. Semester-long course. (Fall Only)

Prerequisite: ACT English score of at least 18, or approved Accuplacer score as determined by SCC.

Rank Weighting: 2

College Composition I is a dual credit class (Wahoo High School credit and Southeast Community College credit). Composition I offers instructional practice in the techniques of effective writing. The process of planning, writing, revising, and editing essays for particular audiences and purposes and research-related skills are also emphasized

COLLEGE COMPOSITION II (SCC Class - ENGL1020 Composition II)

Grade: 12. Semester-long course. (Spring Only)

Prerequisite: Grade of "C" or higher in ENGL1010 Composition I.

Rank Weighting: 2

College Composition II is a dual credit class (Wahoo High School credit and Southeast Community College credit). Students engage in both written work and critical reading to acquire skills in researching, evaluating sources appropriately and recognizing elements of arguments. This course prepares students for professional, academic, and civic engagement beyond the classroom.

ENGLISH 9

Grades: 9. Year long course.

Prerequisite: Appropriate grade level.

Rank Weighting: 0

This class emphasizes reading, writing, and grammar instruction. Students will read and analyze several examples of fiction and nonfiction, including novels, articles, etc. Literature includes: *Unwind*, *Animal Farm*, *1984*, *To Kill A Mockingbird*, *Romeo & Juliet*, and *Night*. Students will compose an analysis essay, as well as several other writing tasks, all focusing on proper sentence, paragraph, and essay structure. The grammar portion of the class will originate from ACT preparation materials and vocabulary will be an element of the course, as well.

ENGLISH 10

Grades: 10. Year long course.

Prerequisite: Appropriate grade level.

Rank Weighting: 0

In English 10, students will prepare for the ACT exam, develop their speaking skills by participating in Poetry Out Loud, develop their writing skills by writing essays, poems, fiction, and nonfiction. Students will read a variety of literature in different genres. The following works of literature will be read by all students:

- The Great Gatsby by F. Scott Fitzgerald (novel)
- Of Mice and Men by John Steinbeck (novel)
- Chinese Cinderella by Adeline Yen Mah (autobiography)
- A Raisin in the Sun (play) by Lorraine Hansberry
- The Adventures of Huckleberry Finn by Mark Twain (novel)
- American Born Chinese by Gene Luen Yang (graphic novel)
- A Midsummer's Nights' Dream by William Shakespeare (drama)
We will read a reader's theatre of the play and watch a video of the play.

ENGLISH 11

Grades: 11. Year long course.

Prerequisite: Appropriate Grade Level.

Rank Weighting: 0

This class emphasizes reading, writing, and grammar instruction. Students will read and analyze several examples of fiction and nonfiction, including short stories, articles, plays, and novels. Literature includes: *The Crucible*, *The Catcher in the Rye*, *In Cold Blood*, *The Glass Menagerie*, and *O Pioneers!* Students will focus on argumentative writing and prepare to take the ACT in the spring, which is required of all juniors by the State of Nebraska.

ENGLISH 12 - 1

Grades: 12. Semester-long course.

Prerequisite: Appropriate grade level.

Rank Weighting: 0

This class is designed to develop writing skills and reading skills. Students will write short papers and essays based upon their personal experiences and/or assigned readings. The course emphasizes the clear written expression of ideas and importance of organization, word choice, logic, and sentence construction. The process of planning, writing, revising, and editing essays for a particular audience is also emphasized.

Students will read short stories, poems, and longer selections by Langston Hughes, Edgar Allan Poe, F. Scott Fitzgerald, Ernest Hemingway, Flannery O'Connor and other American authors. Students will also read and respond to longer nonfiction articles and stories.

ENGLISH 12 - 2

Grade: 12. Semester-long course.

Prerequisite: Appropriate grade level.

Rank Weighting: 0

This class is a continuation of English Twelve I with the writing emphasis on the study of logic, argumentation, and MLA research. In addition to a research project, students will also complete a novel study of the book, *The Absolutely True Diary of a Part-Time Indian*.

INTRODUCTION TO LITERATURE (SCC Class – ENGL2100)

Grade: 12. Semester-long course. (Spring Only)

Prerequisite: Grade of "C" or higher in ENGL1010 Composition I.

Rank Weighting: 2

Introduction to the major genres and conventions associated with literature. Includes fiction, poetry, and drama. By employing critical reading/thinking skills and analytical and creative writing skills, students will understand literature more fully. Exposure to a range of authors representing a variety of cultural and ethnic backgrounds.

SPEECH

Grades: 9-12. Semester-long course.

Prerequisite: None.

Rank Weighting: 0

Speech class focuses on the foundational skills of outlining information so that it can be presented in orderly and engaging fashion. Students are required to research and give at least five informational and persuasive speeches of various lengths to their classmates.

FINE ARTS

ART 1

Grades: 9-12. Year long course.

Prerequisite: None.

Rank Weighting: 0

The mission of the art curriculum of Wahoo Public Schools is to enable students to create, to understand, and to appreciate their own art and the art of others. This is accomplished by teaching the elements and principles of design and by exposing the students to art of the masters. Art 1 is a course that provides an introduction to art through a multimedia experience. Students will learn to apply the elements and principles of design to produce creative art projects that reflect their understanding of these concepts.

ART 2

Grades: 10-12. Year long course.

Prerequisite: Art 1.

Rank Weighting: 0

The mission of the art curriculum of Wahoo Public Schools is to enable students to create, to understand, and to appreciate their own art and the art of others. This is accomplished by teaching the elements and principles of design and by exposing the students to art of the masters. In Art 2, students will expand on what they learned in Art 1 as well as utilize the methods of art that show depth and distance. They will study many aspects of portraiture, analyzing the master's works and using these concepts in their own works.

ART 3 – Independent Art

Grades: 11-12. Year long course.

Prerequisite: Art 1 & 2 or permission of instructor.

Rank Weighting: 0

The mission of the art curriculum of Wahoo Public Schools is to enable students to create, to understand, and to appreciate their own art and the art of others. This is accomplished by teaching the elements and principles of design and by exposing the students to art of the masters. In Art 3, the students will continue experimenting with different medium, techniques, and artistic styles to produce work that begins to integrate a personal style. Students will continue to learn about master artists and be able to compare and contrast their works.

ART 4 – Independent Art

Grade 12. Year long course.

Prerequisite: Art 1, 2 and 3 or permission of instructor.

Rank Weighting: 1

The mission of the art curriculum of Wahoo Public Schools is to enable students to create, to understand, and to appreciate their own art and the art of others. This is accomplished by teaching the elements and principles of design and by exposing the students to art of the masters. With some guidance, the students in Art 4 will develop their own personal style in their artwork. Students will have more freedom in the media and the choices of art that they choose to do. Originality in expressing ideas is emphasized by studying various approaches to composition.

BAND

Grades: 9-12. Year long course.

Prerequisites: Students must have at least one year of instrumental training previous to enrollment or arrange for private lessons once a week.

Rank Weighting: 0

The high school band is the top level of the instrumental program. Activities include football half time shows, marching band contests, concerts, pep bands and District Music Contest participation. Lessons are available for those who wish to continue to study music privately. Small groups and ensembles are also part of the program. These include various groups of instruments. The band also studies various styles of music and students will be asked to make value judgments and decisions about the music they play and its interpretation. Grades will be based on participation, performance, and comprehension. The band usually takes a major trip every two years. Students are expected to help in the fundraising.

CHOIR

Grades: 9-12. Year long course.

Prerequisite: None.

Rank Weighting: 0

Concert Choir is the premier vocal ensemble at Wahoo High School. The students in this ensemble learn vocal technique, music in a variety of styles and languages, sight-reading, among other things. Students are required to participate in concert preparation and presentation, conference choir, and district music contest. Other extra-curricular vocal opportunities include, show choir, musical, solo contests, and all-state choir. The choir usually takes a major trip every two years. Students are expected to help in the fundraising.

CHAMBER BAND

Grades: 9-12. Year long course.

Prerequisite: Completed a minimum of one year of band and director's recommendation.

Rank Weighting: 1

Chamber Band is an advanced instrumental ensemble at Wahoo High School. The students in this ensemble study various styles of music and students will be asked to make value judgments and decisions about the music they play and its interpretation. Grades will be based on participation, performance, and comprehension. The band usually takes a major trip every two years. Students are expected to help in the fundraising.

CHAMBER CHOIR

Grades: 10-12. Year long course.

Prerequisite: Completed a minimum of one year of high school choir and complete audition process.

Rank Weighting: 1

The Chamber Choir students in this ensemble learn vocal technique, music in a variety of styles and languages, and sight-reading, among other things. Students are required to participate in concert preparation and presentation, honor choir auditions, occasional individual voice lessons, conference choir, and district music contest. The choir usually takes a major trip every two years. Students are expected to help in the fundraising.

MUSICAL THEATER/DRAMA

Grades: 9-12. Semester-long course. (Spring only)

Prerequisite: None.

Rank Weighting: 0

This class will explore the key techniques of drama and theatre and build on them to enable the students to have the skills and knowledge to produce a thoughtful interpretation, based on creative engagement. Students will build on voice, diction, movement, setting and staging, and musicality. Regardless of an individual's level of experience, this class will help build confidence on the stage through movement, acting, and singing.

YEARBOOK/JOURNALISM

Grades: 9 with permission, 10-12. Year long course.

Prerequisite: A grade of "C" or better in previous English courses.

Rank Weighting: 0

NOTE: This course is NOT the same Journalism course listed under NCAA and does NOT qualify for NCAA credit for athletes.

Students in this mixed journalism and yearbook course will participate in authentic opportunities to get the news to the WHS community. Students will produce and publish The Thunderbird, Wahoo High School's yearbook. Staff positions are based on the student's proven excellence and experience in layout, photography, written work, and their ability to complete their assignments under tight deadlines.

MUSIC TECHNOLOGY

Grades: 9-12. Semester-long course. (Fall only)

Prerequisite: None

Rank Weighting: 0

Have you ever wished you could write your own music? Create hip-hop beats? Auto-tune your voice? Using GarageBand and other resources, students will have opportunities to create original music while learning about song structure, music theory, music technology, songwriting, personal expression, and performance. Music experience not required. This course is an approved CTE course.

FOREIGN LANGUAGE

NOTE: WHS **does not** have foreign language as part of its graduation requirement, so these courses count as elective credit. A minimum of two years of the same high school foreign language is recommended for students attending a 4-year college.

SPANISH 1

Grades: 9-12. Year long course.

Prerequisite: None.

Rank Weighting: 0

The beginning course in Spanish is designed to introduce the student to a second language and to the cultural heritage of the people who speak it as a native language. The emphasis is on memorization of vocabulary words and dialogue patterns and a basic understanding of grammar. This class is valuable to anyone who wants to learn a second language, to investigate cultural heritage of other people, or to understand more about language in general. There is much transfer between Spanish and English.

SPANISH 2

Grades: 9-12. Year long course.

Prerequisite: Spanish 1 or Middle School Spanish. Students placed at teacher's recommendation.

Rank Weighting: 0

The second course in Spanish continues with the study of grammar and vocabulary of the language. Students will continue to be exposed to Hispanic culture and history. Emphasis will gradually move toward the consistent use of the language in the classroom, both spoken and written. Much focus is given to vocabulary acquisition, including the following topics: school, sports/pastimes, family, adjectives, travel, movies/TV, house, and food.

SPANISH 3

Grades: 10-12. Year long course.

Prerequisite: Spanish 1 and 2.

Rank Weighting: 0

The third course in Spanish continues the study of grammar and vocabulary begun in Spanish 1 and 2. Students will begin to use more varied verb tenses and emphasis will move toward more extended written and spoken uses of the Spanish language. Vocabulary acquisition continues to be a focus, with the following topics covered: clothing, shopping, camping, city life, and animals. Grammatical areas of emphasis include: object pronouns, past tense, commands, prepositions, and compound verbs.

FAMILY AND CONSUMER SCIENCES (FACS)

COLLEGE & CAREER READINESS

Grades: 11-12. Semester-long course.

Prerequisite: None. Recommended that juniors only enroll during 2nd semester.

Rank Weighting: 0

Preparation is the key to success and through this class seniors will be prepared for college, career, and life situations. Through modules in career investigation, career ready practice, life readiness skills, ACT preparation, college applications, and scholarship and financial aid, seniors will be more secure in their future goals and more prepared to face challenges ahead.

FASHION DESIGN

Grades: 9-12. Semester-long course.

Prerequisite: None.

Rank Weighting: 0

*NOTE: **Will be offered in 2020-2021.** (Offered on odd-numbered graduation years). Alternates with Sewing Basics & Design.*

This class involves the exploration of fashion trends and styles (past and present); careers in fashion; elements and principles of design; garment manufacturing; the design process; and fashion marketing.

FOOD, NUTRITION & WELLNESS

Grades: 9-12. Semester-long course.

Prerequisite: None.

Rank Weighting: 0

NOTE: This class is limited to sixteen (16) students.

This class is designed for students who have an interest in learning the basics of the foodservice industry, kitchen safety and sanitation, nutrition basics, how food affects the body, food preparation, and food industry careers. Throughout much of the semester (approximately one quarter), students will be participating in a variety of laboratory opportunities using kitchen tools and food preparation techniques. Labs for the class will be focused on enhancing culinary skills and knowledge.

HOUSING & INTERIOR DESIGN

Grades: 9-12. Semester-long course.

Prerequisite: None.

Rank Weighting: 0

Students will focus on meeting future housing needs. Students will communicate their style choices when making informed decisions related to purchasing and arranging homes and furnishings. Students will have projects for designing, remodeling, and decorating homes for both their own interests and those of a diverse client base. Topics explored will include: housing history; housing needs; societal influences on housing; housing types and styles; furniture styles; technology; principles of design; basic drawing plans; and housing-related careers.

LIFE SKILLS FOR HEALTH

Grades: 9-12. Semester-long course.

Prerequisite: None.

Rank Weighting: 0

Material for this course will focus on life skills and knowledge that positively influence health. Students will learn how behavior and decisions affect wellness. Some topics throughout the course will include: risk behaviors; sexually transmitted diseases; human trafficking; conflict resolution; interpersonal relationships and communication; mental health; decision-making; advertisement analysis; goal-setting; and physical, emotional, and social wellness.

PARENTING & CHILD DEVELOPMENT

Grades: 10-12. Semester-long course.

Prerequisite: None

Rank Weighting: 0

Students will explore the responsibilities and benefits of being parents. Students will learn about child growth and development, pregnancy, birth, costs associated with raising a child, disciplining and communicating with children, as well as some of the challenges of being good parents or caregivers. Students will also learn how to keep children of various ages safe and content while providing childcare. At the end of the semester, students will care for an electronic baby. This course is designed to better prepare students for one of the most demanding and important jobs one can choose.

SEWING BASICS & DESIGN

Grades: 9-12. Semester-long course

Prerequisite: None.

Rank Weighting: 0

*NOTE: This class is limited to nine (9) students. **Will be offered in 2021-22.** (Offered on even-numbered graduation years). Alternates with Fashion Design.*

This class will help students learn and use basis skills needed to complete different kinds of clothing construction or fabric-based projects. Projects might include repairing clothes, sewing items for personal use, making gifts for family/friends, recycling/redesigning, and other creative ideas. Students will also learn about career possibilities in clothing and textiles.

MATHEMATICS

ALGEBRA 1

Grades: 9-12. Year long course.

Prerequisite: Pre-Algebra.

Rank Weighting: 0

NOTE: If a student has taken Algebra 1 in 8th grade and passed the course, the Algebra 1 credit requirement for high school graduation is considered met. This course will be included and impact a student's GPA/class rank on a high school transcript.

The goals of this class are to develop proficiency with mathematical skills, expand understanding of mathematical concepts, improve logical thinking and promote success. Concepts include language of algebra, addition, subtraction, multiplication, and division of rational numbers, inequalities, powers, polynomials, factoring, uses of factoring, functions and graphs, the study of lines and slopes, systems of open sentences, radical expressions, quadratics, rational expressions probability and statistics.

ALGEBRA 2

Grades: 10-12. Year long course.

Prerequisite: Algebra 1 and Geometry.

Rank Weighting: 0

The goals of this class are to develop an understanding of higher-level mathematical functions and signs, to add to an understanding of mathematical concepts, to promote discrete thinking and to provide an opportunity for success. This is accomplished through the study of real numbers, equations and inequalities, factoring, fractional equations, functions, exponents, radicals, complex numbers, sequences and series, and probability.

ALGEBRA 2 (HONORS)

Grades: 10-12. Year long course.

Prerequisite: Algebra 1 and Geometry.

Rank Weighting: 1

Honors Algebra 2 covers the same basic curriculum as Algebra 2 but will prepare students for the demands and expectations of a math course at a higher level. Therefore, this course is particularly recommended for students planning on taking math or science courses in college. The goals of this class are to develop an understanding of higher-level mathematical functions and signs, to add to an understanding of mathematical concepts, to promote discrete thinking and to provide an opportunity for success. This is accomplished through the study of real numbers, equations and inequalities, factoring, fractional equations, functions, exponents, radicals, complex numbers, conic systems, exponential and logarithmic functions, sequences and series, probability, matrix algebra, and trigonometric functions.

COLLEGE ALGEBRA (SCC Class – MATH 1150 COLLEGE ALGEBRA)

Grades: 11-12. Semester-long course. (Fall or Spring)

Prerequisite: A grade of “B” or better in Algebra 2 or PreCalculus (both S1 & S2) OR a minimum ACT Math score of 23 OR a 91-120 score in Elementary Algebra or 31-60 in College Level Math on the Accuplacer test.

Rank Weighting: 2

This course is the study of relations, functions and their graphs, equations and inequalities, polynomial and rational functions, exponential and logarithmic functions, systems of equations and inequalities.

CALCULUS

Grades: 12. Year long course.

Prerequisite: Pre-Calculus/Trigonometry and permission of instructor.

Rank Weighting: 1

This course was developed for the college-bound student. Students will be challenged daily by problems and applications similar to a college Calculus course. A key feature of the text is the balance among analytic, algebraic, numerical, graphical, and verbal methods of representing problems. The use of technology will be integrated through out the course. Calculators will be used extensively, on a daily basis. The course is particularly valuable, but not limited to, those interested in pursuing a career in Engineering, Medicine, Business, Accounting, or other related fields.

COLLEGE CALCULUS (SCC Class – MATH 1600 CALC & ANALYTIC GEOMETRY I)

Grades: 12. Year long course.

Prerequisite: A "B" or better in Pre-Calculus/Trigonometry (both S1 & S2), OR a minimum ACT Math score of 28 OR a 91-120 in College Level Math on the Accuplacer test.

Rank Weighting: 2

This course is intended for college bound students. This class is aligned directly with college level calculus course work. Students will be using functions to apply limits, differentiation, anti-differentiation, and definite integrals. The use of technology will be integrated through out the course. This course is particularly valuable, but not limited to, those interested in pursuing a career in Engineering, Medicine, Business, Economics, Accounting, Statistics, or other related fields.

COLLEGE PREP MATH

Grades: 12. Semester-long course. (Fall semester only)

Prerequisite: Permission of instructor

Rank Weighting: 0

College Prep Math is designed for grade 12 students whose scores in previous math courses indicate that they may need additional instruction to prepare them for success in entry-level college level mathematics. Topics addressed in this online course will include material fundamental to success in Algebra 1, Geometry, Algebra 2 as well as an introduction to Pre-Calculus topics. Upon successful completion of the course, the student will be better prepared to successfully complete an entry-level college mathematics placement test.

COLLEGE TECHNICAL MATH (SCC Class – MATH 1020 COLLEGE TECHNICAL MATH)

Grades: 11-12. Semester-long course. (Fall)

Prerequisite: A grade of "B" or better in Algebra 1 or a "C" or better in Algebra 2 (both S1 & S2) OR a minimum ACT Math score of 19 OR a 57-90 score in Elementary Algebra on the Accuplacer test.

Rank Weighting: 2

This course provides the practical mathematics skills needed in a wide variety of occupational areas, including plumbing, welding, transportation, electrical/electronics, construction, machine technology, agriculture, HVAC, health, and many more. Students will receive a direct practical approach that emphasizes careful, complete explanations and actual on-the-job applications.

GEOMETRY

Grades: 9-12. Year long course.

Prerequisite: Algebra 1.

Rank Weighting: 0

This geometry course is primarily intended to provide a sound basis in deductive thought processes. Its goal is to enable students to understand and draw upon their ability to reason within a logical framework. Some of the major topics covered are points, lines, planes, angles, triangles, congruent triangles, polygons, circles, ratio, proportion, similarity, and coordinate geometry.

GEOMETRY (HONORS)

Grades: 9-12. Year long course.

Prerequisite: Algebra 1 and instructor's recommendation.

Rank Weighting: 1

Honors Geometry covers the same topics as Geometry, but is more rigorous. It includes more deductive proof. The class uses the Geometer's Sketchpad to develop inductive and deductive reasoning skills and to complete several student projects throughout the year. Students are expected to be highly self-motivated and take responsibility for their own learning.

PRE-CALCULUS & TRIGONOMETRY

Grades: 11-12. Year long course

Prerequisites: Algebra 1, Geometry, Algebra 2.

Rank Weighting: 1

The Pre-Calculus course combines use of technology with standard "paper and pencil" techniques in order to provide a balanced approach to the study of pre-calculus mathematics. Technology is fully integrated, rather than just added, and it encourages graphical, numerical, and algebraic modeling of functions. The primary objectives are to help students truly understand the fundamental concepts of algebra, trigonometry, and analytical geometry, to foreshadow important concepts of calculus and to show how algebra and trigonometry can be used to model real-life problems.

APPLIED STATISTICS (SCC Class – MATH 2170 APPLIED STATISTICS)

Grades: 11-12. Semester-long course. (Fall or Spring)

Prerequisite: A minimum ACT Math score of 23 OR a 91-120 score in Elementary Algebra or 31-60 in College Level Math on the Accuplacer test.

Rank Weighting: 2

The practical application of statistical thinking to contemporary issues; collection and organization of data; probability distributions; statistical inference; estimation; and hypothesis testing.

PHYSICAL EDUCATION

PHYSICAL EDUCATION

Grades: 9-12. Year long course.

Rank Weighting: 0

Students will participate in a variety of team and individual sports. An emphasis will be placed on developing physical fitness, knowledge of physical fitness activities, health, weight lifting, and sports.

STRENGTH & FITNESS

Grades: 10-12. Semester-long course.

Prerequisite: PE.

Rank Weighting: 0

Students in Strength & Fitness will participate in advanced strength training exercises designed to improve muscle strength and overall fitness. This course will consist of: weight lifting, agility training, and anaerobic activity. Students will develop individual fitness profiles and plans. Students will also identify and understand muscle groups in relation to various exercises.

SCIENCE

BIOLOGY

Grades: 10. Year long course/lab

Prerequisite: None

Rank Weighting: 0

This college preparatory course offers insight into the fundamentals and processes of life. Emphasis will be placed on these processes of life and also on developing skills including: microscopy, graphing, identification of research questions and the ability to become a self-directed learner. The main topics discussed will include ecology, cellular biology, taxonomy, diversity, genetics and evolution.

BIOLOGY (HONORS)

Grades: 10. Year long course/lab.

Prerequisite: None. Class size limitations; must receive instructor recommendation.

Rank Weighting: 0

Honors Biology covers the same basic curriculum as Biology but will help prepare students for the demands and expectations of a lab-science course taken at a higher level. Therefore, this course is particularly recommended for students planning on attending college in a scientific or health-related field of study. This college preparatory course offers insight into the fundamentals and processes of life. Emphasis will be placed on these processes of life and also on developing skills including: microscopy, graphing, identification of research questions and the ability to become a self-directed learner. The main topics discussed will include ecology, cellular biology, taxonomy, diversity, genetics and evolution.

CHEMISTRY

Grades: 11. Year long course/lab.

Prerequisites: General Science and students must have completed or be taking Algebra 2.

Rank Weighting: 0

Chemistry is a study of the basic laws of chemistry, covering the common elements of the periodic system, their structure, interactions, and energy relationships. Topics to be covered are similar to Honors Chemistry, but at a more moderate pace of instruction. The course is accompanied by work in the mathematical solution of chemical problems and stoichiometry. Laboratory exercises will emphasize safe lab procedures, the proper use of laboratory equipment, and the gathering and recording of experimental data.

CHEMISTRY (HONORS)

Grades: 11. Year long course/lab.

Prerequisites: Students must have completed or be taking Algebra 2. Class size limitations; must receive instructor recommendation.

Rank Weighting: 0

Honors Chemistry covers the same basic curriculum as Chemistry but will incorporate a higher level rigor and higher expectations. The intent of Honors Chemistry is to prepare students for the demands and expectations of a college level lab-science course. This course, along with Chemistry 2 is recommended for students who are anticipating majoring in a scientific or health-related field of study at college.

CHEMISTRY ESSENTIALS

Grades: 11-12. Year long course.

Prerequisites: By administrative/instructor recommendation only.

Rank Weighting: 0

This course studies the basic laws of chemistry, covering the common elements of the periodic table, their structure, interactions and energy relations. The course is accompanied by work in mathematical solutions of chemical problems.

CHEMISTRY 2

Grades: 12. Year long course/lab.

Prerequisites: B or above in Chemistry or Honors Chemistry and must have completed Algebra 2.

Rank Weighting: 1

Chemistry 2 is a continuation of the exploration of Chemistry and picks up where Chemistry left off. The class is designed to introduce and cover the topic students would normally be expected to master during I 00-level chemistry courses in college. Topics of study will include a review of stoichiometry, states of matter, gas laws, acids and bases, thermo chemistry, and reaction kinetics. Lab experiences will concentrate on proper methods of data collection, analysis, and reporting. This course is recommended for students who are anticipating majoring in a scientific or health-related field of study at college.

GENERAL SCIENCE

Grade: 9. Year long course/lab.

Prerequisite: Must have completed Algebra 1 or be taking Algebra 1.

Rank Weighting: 0

General Science is an introductory science course that will explore Earth Science in the 1st Semester and Physical Sciences in the 2nd Semester. Topics in the 1st semester will include, but not be limited too: Origins of the Universe, Stellar Evolution, Weather and Climate Patterns, Earth's Interior and Plate Tectonics. Topics in the 2nd Semester will include, but not be limited too: Structure and Properties of Matter, Energy, Forces and Interactions of Forces, Waves and Electromagnetic Radiation.

Due to the scheduled implementation of the new state science standards, the scope and sequence of General Science may change throughout the year.

HUMAN ANATOMY & PHYSIOLOGY

Grades: 11-12. Year long course/lab.

Pre-Requisite: Biology and permission of the instructor.

Rank Weighting: 1

This semester long course will examine the organization of the human body and the systems that make up its complex structure. The body systems and additional topics to be covered will include the integumentary, skeletal, muscular, digestive, circulatory, excretory, respiratory, nervous, reproductive, and endocrine systems, along with the disease and wellness of these systems. We will also include dissections of individual organs, as well as, the fetal pig, as supplements to the course curriculum. This course is particularly recommended for students planning to attend college in a scientific or health related field.

PHYSICS

Grades: 11-12. Year long course/lab.

Prerequisite: Must have completed, or be enrolled in, Chemistry and Pre-calculus or with permission of the instructor.

Rank Weighting: 1

Physics is a yearlong course and is recommended for any student a.) planning on attending a four-year college or university and/or b.) planning on pursuing a career in a science, health or engineering related field. Topics covered in detail include the following: measurement, vector and scalar quantities (adding vectors, rotational equilibrium, friction), 1-D and 2-D kinematics, mechanics, forces, momentum, energy, heat, electricity/magnetism, and waves. Throughout the course, an emphasis is placed on accurate mathematical computation and laboratory safety.

ZOOLOGY

Grades: 11 and 12. Year long course/lab.

Prerequisite: Biology and permission of the instructor.

Rank Weighting: 1

Zoology is the scientific study of animals and their relationship to the environment. In this course students will investigate all classifications of animals from the simplest to the most complex. Coursework includes vocabulary study, small group work, projects, compositions, and lab work with a major emphasis on dissection. This course is particularly recommended for students planning to attend college in a scientific, agriculture, or health related field.

SKILLS & TECHNICAL SCIENCES

AUTO

Grades: 9-12. Semester-long course.

Prerequisite: None

Rank Weighting: 0

Through lecture, demonstration and labs, this class will introduce students to the automobile engine. Labs and demonstrations are used to allow the student to disassemble and reassemble a car engine. Students learn about electrical, brakes, and exhaust systems. Required maintenance such as spark plugs, oil, air filter, and other routine maintenance will be experienced. This class would be good for any student wanting to bring a car into the shop and complete repairs on it. It is also good for people planning to get into the lucrative auto repair business.

COMPUTER AIDED DESIGN (CAD) 1

Grades: 9-12. Semester-long course. (Fall only)

Prerequisite: None *NOTE: This class is limited to twelve (12) students.*

Rank Weighting: 0

Students learn to use the AutoCAD software. AutoCAD is the computer aided drafting software used by about 85% of all businesses and almost all 2 and 4-year colleges. Students will learn to draw mechanical and architectural objects as well as learn some 3-dimensional and solid drawing. They will also be introduced to drafting techniques using drawing boards.

COMPUTER AIDED DESIGN (CAD) 2

Grades: 9-12. Semester-long course. (Spring only)

Prerequisite: Must pass CAD 1 *NOTE: This class is limited to twelve (12) students.*

Rank Weighting: 0

CAD 2 is an introduction to the Autodesk program, Revit. Revit is an architectural design program that will help students design and build a house from the ground up. This class is designed to work at a student's own pace while following along with the book Residential Design Using Autodesk Revit 2018.

COMPUTER AIDED DESIGN (CAD) 3

Grades: 10-12. Semester-long course. (Fall only)

Prerequisite: Must pass CAD 2 *NOTE: This class is limited to twelve (12) students.*

Rank Weighting: 0

Students will learn more advanced computer aided drafting concepts including 3D modeling, architecture and use of the CNC Plasma/Router. AutoCAD, Inventor, Revit and CNC Plasma software will be used.

COMPUTER AIDED DESIGN (CAD) 4

Grades: 10-12. Semester-long course. (Spring only)

Prerequisite: Must pass CAD 3 *NOTE: This class is limited to twelve (12) students.*

Rank Weighting: 0

A continuation of CAD 3. Students will work on 3D Solids, Autodesk Inventor and CNC Software. Students may do more advanced project work using the CNC Plasma/Router tables as time permits.

GMAW (Gas Metal Arc Welding) WELDING - SCC CLASS WELD 1122 GMAW THEORY and WELD 1124 GMAW LAB

Grades: 11-12. Semester-long course.

Prerequisite: Must meet college's prerequisite. SCC WELD 1100 Welding Orientation or Wahoo High School Metals I class.

Rank Weighting: 2

Note: This class meets for two consecutive class periods.

Students will have the opportunity to gain college credit while pursuing their interests in welding. Students will study Gas Metal Arc Welding (GMAW) theory, safety, applications, manipulative skills, welding principles and procedures, use of various filler wires and shielding gases and welding power source set-up. This class includes a GMAW Lab with beginning welding of carbon steel with the GMAW process on various joint configurations.

METALS 1

Grades: 9-12. Semester-long course. (Fall only)

Prerequisite: None. *NOTE: This class is limited to sixteen (16) students.*

Rank Weighting: 0

Through lectures, demonstrations and guided practice students will learn various weld joints using the process of Shielded Metal Arc Welding (SMAW). Students will be introduced to a variety of electrodes including E6013, E6010, and E7018.

METALS 2

Grades: 9-12. Semester-long course. (Spring only)

Prerequisite: None. *NOTE: This class is limited to sixteen (16) students.*

Rank Weighting: 0

Through lectures, demonstrations, and guided practice students will learn various weld joints using the Gas Metal Arc Welding (GMAW) process.

METALS 3

Grades: 10-12. Semester-long course. (Fall only)

Prerequisite: Must pass Metals 2. *NOTE: This class is limited to sixteen (16) students.*

Rank Weighting: 0

Metals 3 is a continuation of Metals 1 and 2. This course will take the skills and knowledge learned in Metals 1 and Metals 2 and apply them in a more practical setting. Students will design and build metal projects as well as learn entry-level skills associated with a CNC plasma-cutting machine. This will be a project-oriented course.

METALS 4

Grades: 10-12. Semester-long course. (Spring only)

Prerequisite: Must pass Metals 3. *NOTE: This class is limited to sixteen (16) students.*

Rank Weighting: 0

Metals 4 is a continuation of Metals 3. This course will take the skills and knowledge learned in Metals 3 and apply them in a more practical setting. Students will design and build metal projects and learn entry-level skills associated with a CNC plasma-cutting machine. This will be a project-oriented course.

SMAW (Shielded Metal Arc Welding) WELDING – SCC CLASS WELD 1110 SMAW THEORY and WELD 1112 SMAW LAB

Grades: 11-12. Semester-long course.

Prerequisite: Must meet college's prerequisite. SCC WELD 1100 Welding Orientation or Wahoo High School Metals 1 class

Rank Weighting: 2

Note: This class meets for two consecutive class periods.

Students will have the opportunity to gain college credit while pursuing their interests in welding. Students will study Shielded Metal Arc Welding (SMAW) theory, safety, applications, procedures and welding practices, selection of power sources and electrodes. This class includes a SMAW lab with beginning welding of carbon steel with the SMAW process on various joint configurations and with various electrodes.

WOODS 1

Grades: 9-12. Semester-long course. (Fall only)

Prerequisite: None

Rank Weighting: 0

This class is an introduction to woodworking, completing several class projects that will last through the semester. This course is open to students who have not previously taken a woods class. Students will learn shop safety, types of joinery, tool usage and will have skill demonstrations.

WOODS 2

Grades: 9-12. Semester-long course. (Spring only)

Prerequisite: Must pass Woods 1

Rank Weighting: 0

This class is a continuation of Woods 1. Students will complete a comprehensive project that utilizes the skills learned in Woods 1 that will last through the semester. Ample time will be available to help any student who has not previously taken a woods class. Students will learn shop safety, types of joinery, tool usage and will have skill demonstrations throughout the semester to accompany their project work. The students will have an opportunity to design and build a project of their own design with any extra time at the end of the semester.

WOODS 3

Grades: 10-12. Semester-long course. (Fall only)

Prerequisite: Must pass Woods 2

Rank Weighting: 0

Woods 3 builds on skills introduced in Woods 1-2 in the field of woodworking. The students will identify and describe more advanced hand and power tool usage and demonstrate use of those tools. Students will complete required projects as well as design and build projects independently.

WOODS 4

Grades: 10-12. Semester-long course. (Spring only)

Prerequisite: Must pass Woods 3

Rank Weighting: 0

Woods 4 builds on skills introduced in Woods 1-2 in the field of woodworking. The students will identify and describe more advanced hand and power tool usage and demonstrate use of those tools. Students will complete required projects as well as design and build projects independently.

SOCIAL STUDIES

AMERICAN GOVERNMENT

Grades: 11-12. Semester-Long Course.

Prerequisite: None

Rank Weighting: 0

Students will be required to demonstrate a basic knowledge in eight areas of American Government: Types of Government, Basic Principles of American Government, The American Revolution, The Constitution, Political Parties and Philosophies, Elections, The Bill of Rights, and Congress & the Presidency. Students will also be required to be informed on current events.

AMERICAN GOVERNMENT (HONORS – WASHINGTON D.C./CLOSEUP)

Grades: 11-12. Year long course.

Prerequisite:

1. World History and American History; a minimum grade of "C" during all semesters.
2. Instructor approval, which includes meeting positive citizenship requirements based on an evaluation by WHS staff.
3. Paid deposit and tuition fees to the Close Up Foundation.
4. Intention to attend the Close Up program in Washington, D.C.

Rank Weighting: 1

Note: Only the second semester meets the American Government requirement for WHS graduation. The first semester is an elective credit.

As an honors class, this course requires students to meet a more collegiate standard in reading and writing, as well as being able to understand and discuss more in depth, the pros and cons of political issues and inner workings of the American Government. This course is designed for students attending the Close-up Program, a citizenship experience held in Washington, D.C. in the spring of each school year. This course concentrates on:

1. The Washington trip (March/April): seminars, speakers, Congressional hearings, memorials and monument study visits, follow-up activities and other related assignments.
2. Basic Knowledge of American Government: Studying the following units during the first semester: types of government, basic principles of government, the American Revolution, the Constitution, electoral process, political parties, the Bill of Rights, the presidency, Congress, and the Supreme Court.
3. Basic knowledge of current issues and topics: Included in the second semester outline of study are: U.S. domestic issues (federal budget, constitutional rights, crime and drugs, economy, education, healthcare and aging, immigration, media, and poverty); and foreign policy issues (defense, democracy and human rights, global environment, international trade, weapons proliferation, Asia, Europe, Russia, Latin American and the Middle East). By successfully completing all 2nd semester assignments, the student will not have to take the semester-long American Government class.

Additional note: Students who cannot to participate in the D.C. trip due to personal or extenuating circumstances, yet wish to take the Honors class, need instructor approval prior to being enrolled in the class.

U.S. HISTORY

Grades: 11. Year long course.

Prerequisite: World Geography, World History.

Rank Weighting: 0

The goals of the program are to provide a comprehensive course in American history from Colonial America through America into the 21st Century. Additionally, the course will foster in students an appreciation of the American heritage and promote growth in the skills needed for effective participatory citizenship.

1st Semester: (1700's-1900's) Colonial America, Early National Period, The Rise of Sectionalism, The Nation Torn Apart, Rebuilding the Nation, The Rise of Industrialism, Reform & Progressivism, and Becoming a World Power.

2nd Semester: The Golden Twenties and The New Deal, Isolationism Through WWII, Reshaping the Postwar, Cold War Era, America into the 21st Century (1900-Present).

WORLD GEOGRAPHY

Grades: 9. Year long course.

Prerequisite: None

Rank Weighting: 0

Geographers have identified five themes that can be used to study geography and the role it plays. Knowledge of the five fundamental themes of geography is considered essential to an understanding of geography itself. Students will be introduced to the five themes: Location, Place, Human/Environment Interaction, Movement, and Religion. Students will also study eighteen geography standards that cover the basic content, skill, and concepts of the study of World Geography. These standards provide a framework for the geographic knowledge students would have and the skills they should be able to execute upon completion of this course of study.

The standards are included in the following focus of study:

- The World in Spatial Terms
- Places and Regions
- Physical Systems
- Human Systems
- Environment and Society
- Uses of Geography

Units covered in the course will include the following:

- Unit 1 -Introduction to Geography
- Unit 2- Regions in the Western Hemisphere
- Unit 3 - Regions in the Eastern Hemisphere
- Unit 4 - Global Patterns

WORLD HISTORY

Grades: 10. Year long course.

Prerequisite: World Geography

Rank Weighting: 0

The purpose of the course is to acquaint students with the historical development of mankind throughout the world from 800 CE through present day. The course is also intended to provide the student with practice in learning about and understanding current news events. Development of these skills will help the student to become a better citizen.

WORLD HISTORY (continued)

First Semester: Basis of five major Religions; (Hinduism, Judaism, Buddhism, Christianity and Islam); The Middle Ages; (early-late) The Renaissance and Reformation; The Age of Exploration.

Second Semester: French Revolution and Napoleon The Industrial Revolution; the Enlightenment, Nationalism and the Age of Imperialism; World War I; The Interwar years; World War II; The Postwar years.

MISCELLANEOUS

ALTERNATIVE SCHOOL/CREDIT RECOVERY

Grades: 9-12. Semester or Year long, as needed.

Prerequisite: Administrator/Instructor placement.

Rank Weighting: 0 *NOTE: Weighting may be reviewed based on course the student is studying.*

This course was developed for the student who has fallen behind in his/her work, struggles to succeed in the regular classroom or lacks a class that is required as a prerequisite before s/he can continue to the next level of coursework. Coursework may be comprised of a computerized program like Odysseyware, include WEBSS (Wahoo Educational and Behavioral Support System) support, instructor support by means of additional time spent outside of class, specific assignments designated by the teacher, tutoring or small group instruction.

CAREER EXPLORATION OPPORTUNITIES (CEO)

Grades: 12. Semester-long course.

Prerequisite: Administrator approval.

Rank Weighting: 1

Note: A student's grade point average, graduation progress and attendance record will be reviewed prior to acceptance into this course. Typically, the course is for two periods Monday through Friday. Actual days and times of the experience will be determined by the business and the school.

This internship/course assists students in discovering opportunities available to them in various career areas. It also allows them to practice skills necessary to excel in the workforce and in postsecondary learning. Students will learn soft skills (teamwork, creative thinking and problem solving) as well as more technical skills (resume building, written communication) while working directly with local businesses and professionals outside of the school building. This course is an approved CTE course.

TEACHER ASSISTANT (TA)

Grades: 12. Semester-long option. *NOTE: This is a no credit option.*

Prerequisite: Administrator and instructor approval.

Rank Weighting: 0

Note: A TA request can be renewed 2nd semester based on 1st semester classroom performance, school attendance and behavioral conduct.

This program is available to students who wish to work as a teacher's aide (TA). Attendance will be monitored by the classroom teacher. Students are to report directly to the teacher's classroom each day by the beginning of the class period. Students are to remain engaged, as per the classroom teacher's direction, throughout the class period to which they are assigned as a TA.

EARLY GRADUATION/EARLY COMPLETION

Grades: 12.

NOTE: This is a no credit option.

Prerequisite: Administrator approval.

Rank Weighting: 0

A student who meets all the conditions for graduation may elect to graduate prior to May of his or her senior year. A student who wishes to apply **for early graduation status** must submit, in writing to the high school principal, an application for early graduation by September 30th of the graduating year in order for the School Board to approve the student's request. The student and parents/guardians will consult with the high school counselor and principal to develop a graduation plan. This plan should be a part of the submitted application. The student's parent or legal guardian must submit a letter in support of the student's request for early graduation, and that letter is to accompany the student's submitted application as well. The student must pass all required classes and complete the minimum of 250 credits to meet graduation requirements. At the time all graduation credits have been met, a diploma will be ordered and the student will no longer be considered a student at Wahoo High School. An early graduate will no longer be eligible for academic services and will no longer be eligible to participate in athletics or activities. Participation in the school's graduation ceremony is an option that will be available to the student upon request to the school administrator.

A student who meets all the conditions for graduation may elect to apply for **early completion status** prior to May of his or her senior year. The student must submit an application for early completion by September 30th of the graduating year in order for the School Board to approve the student's request. The student and parents/guardians will consult with the high school counselor and principal to develop an early completion plan. This plan should be a part of the submitted application. The student's parent or legal guardian must submit a letter in support of the student's request for early completion, and that letter is to accompany the student's submitted application as well. The student must pass all required classes and complete the minimum of 250 credits to meet graduation requirements. At the time all high school graduation credits have been met, the student may continue, for one semester, to take dual credit classes at Wahoo High School. The student, given early completion status, will be eligible for academic services and will be eligible to participate in athletics or activities, including participation in the school's graduation ceremony so long as the student continues to follow all Wahoo High School's policies and procedures. Failure to follow Wahoo High School's policies and procedures may result in the student no longer being allowed to complete dual credit coursework at Wahoo High School. The student's dual credit schedule and attendance contract must be approved by the school counselor, the alternative school teacher and high school principal prior to the start of any classes.

START (Senior Transition Aimed at Responsible Time-Management)

Grades: 12. Semester-long option. *NOTE: This is a no credit option.*

Prerequisite: Administrator approval.

Rank Weighting: 0

*Note: A request for START request can be renewed 2nd semester based on 1st semester classroom performance, school attendance and behavioral conduct. **Suspensions forfeit the privilege immediately.***

START is an early dismissal opportunity for mature seniors who must meet and maintain the following criteria: sufficient credits to show s/he is in good standing to graduate with his/her class, good grades, good attendance, and good citizenship. START participants may be dismissed for 8th period only or for 7th and 8th periods. START participants must check out in the office after their last class of the day and leave the building immediately unless they have received prior administrative permission

to remain on campus. The intent of the START program is to allow a participant to practice responsible time management skills, which may result in the student reporting to a part-time job, completing homework assignments, attending appointments related to post-secondary education, etc.

DUAL CREDIT/COLLEGE CREDIT LEARNING INFORMATION

A variety of additional learning opportunities are offered at Wahoo High School, including Distance Learning (DL), dual enrollment (DC Advantage) and/or SENCAP (Southeast Nebraska Career Academy Program) classes. Students and parents need to carefully research the needs/wants of the student as well as the prerequisites required by the college to take their courses. At a minimum, students are required to have taken the ACT (4-year college entrance test), or a 2-year college's entrance exam (In Nebraska, this is typically called the Accuplacer test). Scores from these tests must meet the college's prerequisite for the course the student is interested in taking as a high school student. Wahoo High School must comply with the college's prerequisite requirements.

Students and parents need to determine whether any college the student is applying to for admission will accept the dual college courses the student plans to take in high school as transfer credit to that college. Parents and students will be solely responsible to the college for any concerns that may arise regarding attendance, student grades, deadlines, tuition, books, fees, transcripts, etc., since college-only courses are outside Wahoo High School's authority and control. **Students and their parent/guardians are responsible for all college costs, which include: college tuition, fees, textbooks, as well as knowing the college's drop/add or withdraw dates.** Financial assistance may be available for students who meet free/reduced lunch guidelines. See the high school counselor for more information.

Most college programs offered at WHS require a minimum registration requirement of eight (8) students before a college agrees to offer the course. If one registered student drops a dual college course the remaining seven (7) registered students may be forcibly dropped from the course as well. This causes serious scheduling issues with all of the WHS students involved in dual credit courses as well as reluctance on the college's part to continue to offer college courses for WHS students. Wahoo High School may assess a fee to students who drop any distance learning, dual, or SENCAP class after submitting their college registration form.

Distance Learning (DL) and dual enrollment (DC Advantage) are offered through a statewide consortium, consisting of numerous Nebraska high schools and two-year and four-year colleges. Wahoo High School typically participates in Distance Learning (DL) and dual enrollment (DC Advantage) courses that are offered through Southeast Community College (SCC). DL courses are NOT to replace required classes for graduation at WHS. For example, American History after 1877, cannot replace WHS's U.S. History, but students may take both during the same semester. DL course offerings vary from year to year and are subject to change, so students must include an alternate class from the regular schedule when registering for classes each year. Generally, high schools and colleges offering DL courses will request early registration to determine whether enough interest has been generated in order for the college to offer it to WHS.

Typically, enrollment of high school students in Distance Learning (DL) and dual enrollment (DC Advantage) courses is limited to students aged 16 or older who have demonstrated the ability to be successful in college level courses. Classes taken for college credit will be recorded on a permanent college transcript (unless the student drops a class prior to the established deadline) and the student is expected to continue high school, which includes regular attendance and maintaining satisfactory academic progress. Regular tuition and fees will be charged and billed to the student. Parents are

responsible for all tuition and fees. Students enrolled must abide by all the colleges rules and regulations including drop deadlines for tuition refunds. Students are responsible for completing drop/add forms and contacting and informing the college for adding or dropping a course and all subsequent costs/fees. Failing college classes has consequences and may cause a student to be ineligible for Federal Financial Aid after graduation. If payment is not received, the college reserves the right to withdraw the student or place a "hold" on the student's account which will affect the ability to register for future classes and/or to receive official college transcripts. Students are responsible to follow the college's calendar for class. There will be times when WHS will NOT be in session, when the college WILL be in session, and vice versa.

If a student transfers out of Wahoo High School prior to the end of a semester and completion of a including Distance Learning (DL), dual enrollment (DC Advantage) and/or SENCAP (Southeast Nebraska Career Academy Program) class, the student needs to anticipate that s/he will receive a W/F (withdrawal/fail) on his/her college transcript and still be billed for all tuition and fees. The high school transcript will also reflect a W/F for the dual college course. It is extremely important for students and parent/guardians to determine if there is a high level of commitment in taking any dual college credit class at the time the student registers for classes.

Collegiate textbooks can be ordered online from the SCC bookstore (www.sccbookstore.com) or by calling 1-800-642-4075. Students taking a college course taught by WHS instructors should check with the instructor prior to ordering textbooks. **Students should plan to have textbooks on or prior to the first day of classes.** Online or adjunct college professors will use students' email accounts to contact them prior to the first day of classes to give instructions on how to use the college resources. Students must regularly check their email accounts to stay current with communication.

DC ADVANTAGE /DUAL ENROLLMENT CLASSES

AMERICAN HISTORY AFTER 1877

Grades: 12. Semester-long course. American History - HIST 2020

Prerequisite: Appropriate college placement score.

Rank Weighting: 2

Note: Dual-enrollment through Southeast Community College. Generally offered in the spring semester on Mondays and Wednesdays from 2:00-3:15 p.m. Taught onsite by adjunct professor.

A survey of American history from the end of the Civil War to the present. Emphasis is on the political, economic, cultural, and social issues that arise in America's development as a global power.

APPLIED STATISTICS

Grades: 11-12. Semester-long course. Applied Statistics – MATH 2170

Prerequisite: Minimum ACT Math score of 23 OR a 91-120 score in Elementary Algebra or 31-60 in College Level Math on the Accuplacer test.

Rank Weighting: 2

Note: Dual-enrollment through Southeast Community College. Course offered each day during 2nd semester. Taught onsite by Mr. Jacobsen.

The practical application of statistical thinking to contemporary issues; collection and organization of data; probability distributions; statistical inference; estimation; and hypothesis testing.

COMPARATIVE RELIGIONS

Grades: 12. Semester-long course. Comparative Religions. – RELS 2610 or PHIL 2610

Prerequisite: Eligible for ENGL 1010 or Accuplacer test acceptable score.

Rank Weighting: 2

Note: Dual-enrollment through Southeast Community College. Generally offered in the spring, this is an online class.

This course will offer a cross-cultural introduction to the world's major religious/ philosophical traditions or faith systems through a comparison of historical origins, rituals, beliefs, practices, worldviews, original religious texts and other important sources. Interdisciplinary approach to study of religion and various approaches to study of religious systems are a part of the course assessment.

COLLEGE CALCULUS

Grades: 12. Year long course. Analytic Geom. and Calc. – MATH 1600

Prerequisite: A grade of "B" or better in PreCalculus (both S1 and S2) OR an ACT Math score of 28 or higher OR a 91-120 score in College Level Math on the Accuplacer test.

Rank Weighting: 2

Note: Dual-enrollment through Southeast Community College. Course offered each day. Taught onsite by Mr. Bomar.

This course is intended for college bound students. This course is aligned directly with the Southeast Community College calculus course. This course is a study of analytical geometry and single variable calculus. Topics include limits, continuity, derivatives, applications of derivatives, integrals, and applications of integrals. A graphing calculator is required. This course is particularly valuable, but not limited to, those interested in pursuing a career in Engineering, Medicine, Business, Economics, Accounting, Statistics, or other related fields.

COLLEGE ALGEBRA

Grades: 12. Semester-long course. College Algebra – MATH 1150

Prerequisite: A grade of "B" or better in Algebra 2 or PreCalculus (both S1 and S2) OR a minimum ACT Math score of 23 OR a 91-120 score in Elementary Algebra or 31-60 in College Level Math on the Accuplacer test.

Rank Weighting: 2

Note: Dual-enrollment through Southeast Community College. Course offered each day for one semester. Taught onsite by Mrs. Nuckolls.

This course is a study of college algebra with emphasis on functions in preparation for advanced math and science coursework. This course is the study of relations, functions and their graphs, equations and inequalities, polynomial and rational functions, exponential and logarithmic functions, systems of equations and inequalities. A graphing calculator may be required.

COLLEGE TECHNICAL MATH (SCC Class – MATH 1020 COLLEGE TECHNICAL MATH)

Grades: 11-12. Semester-long course. (Fall or Spring)

Prerequisite: A grade of "B" or better in Algebra 1 or a "C" or better in Algebra 2 (both S1 & S2) OR a minimum ACT Math score of 19 OR a 57-90 score in Elementary Algebra on the Accuplacer test.

Rank Weighting: 2

Note: Dual-enrollment through Southeast Community College. Course offered each day during 1st semester. Taught onsite by Mr. Jacobsen.

COLLEGE TECHNICAL MATH (SCC Class – MATH 1020 COLLEGE TECHNICAL MATH) - continued

This course provides the practical mathematics skills needed in a wide variety of occupational areas, including plumbing, welding, transportation, electrical/electronics, construction, machine technology, agriculture, HVAC, health, and many more. Students will receive a direct practical approach that emphasizes careful, complete explanations and actual on-the-job applications.

COMPOSITION I

Grades: 12. Semester-long course. Composition I – ENGL 1010

Prerequisite: Must have Accuplacer test acceptable score or an ACT English score of 18 or higher.

Rank Weighting: 2

Note: Dual-enrollment through Southeast Community College. Course offered each day (fall semester) for one semester. Taught onsite by Mr. Fangman.

Composition I offers instructional practice in the techniques of effective writing. The process of planning, writing, revising, and editing essays for particular audiences and purposes and research-related skills are also emphasized.

COMPOSITION II

Grades: 12. Semester-long course. Composition II – ENGL 1020

Prerequisite: Must pass ENGL 1010 with a “C” or better.

Rank Weighting: 2

Note: Dual-enrollment through Southeast Community College. Course offered each day (spring semester) for one semester. Taught onsite by Mr. Fangman.

Students engage in both written work and critical reading to acquire skills in researching, evaluating sources, citing sources appropriately, and recognizing elements of arguments. This course prepares students for professional, academic, and civic engagement beyond the classroom.

INTRODUCTION TO LITERATURE

Grades: 12. Semester-long course. Intro. to Literature – ENGL 2100

Prerequisite: Must pass ENGL 1010 with a “C” or better or Accuplacer test acceptable English score.

Rank Weighting: 2

Note: Dual-enrollment through Southeast Community College. Course offered each day (spring semester) for one semester. Taught onsite by Mr. Fangman.

Introduction to the major genres and conventions associated with literature. Includes fiction, poetry, and drama. By employing critical reading/thinking skills and analytical and creative writing skills, students will understand literature more fully. Students will be exposed to a range of authors representing a variety of cultural and ethnic backgrounds.

INTRODUCTION TO MUSIC

Grades: 12. Semester-long course. Intro. To Music – MUSC 1010

Prerequisite: Eligible for ENGL 1010 or Accuplacer test acceptable score.

Rank Weighting: 2

Note: Dual-enrollment through Southeast Community College. Generally offered in the fall semester on Tuesdays and Thursdays from 2:00-3:15 p.m. Taught onsite by adjunct professor.

INTRODUCTION TO MUSIC (continued)

An introduction and overview of the history of Western art music, from the Middle Ages to modern times. Includes the elements of music, historical style periods, and major composers and selected works.

PUBLIC SPEAKING

Grades: 12. Semester-long course. Public Speaking – SPCH1110

Prerequisite: Eligible for ENGL 1010 or Accuplacer test acceptable score.

Rank Weighting: 2

Note: Dual-enrollment through Southeast Community College. Generally offered in the fall semester on Mondays and Wednesdays from 2:00-3:15 p.m. Taught onsite by adjunct professor.

This course will assist the student to master the skills required of speaking in today's workplace. This course will focus on the organization, preparation, research, and evidence needed for a presentation that is tailored to fit the audience. This course will enhance the student's listening skills which will assist them in everyday situations.

SOUTHEAST NEBRASKA CAREER ACADEMY PROGRAM (SENCAP) INFORMATION

Southeast Community College (SCC), in partnership with a large number of school districts in Educational Service Units 2, 3, 4, 5 and 6, are proud to offer high school students the opportunity to enroll in Southeast Nebraska Career Academy Partnership (SENCAP) which offers several academies:

1. Agriculture
2. Business
3. Criminal Justice
4. Education
5. Health Services
6. Information Technology
7. Manufacturing
8. Construction

Juniors and seniors in high school will not only have the opportunity to take college-level courses in a career field of their interest, but also have multiple opportunities to explore their career in a hands-on approach through job shadowing, field trips, professional speakers, and annual events highlighting resume building, mock interviews, and other worthy career-related activities. Courses offered are typically offered online and are one semester in length. To see what specific courses are offered each semester, students should check with the school counselor or visit Southeast Community College's website: <https://www.southeast.edu/sencap/>.

The program is designed for students to participate in SENCAP for two years with the intention of students earning college credit and preparing them for their future careers. Students can take their SENCAP courses in a variety of formats: online, distance learning, or face-to-face. In addition to their college course, they will have a weekly portfolio assignment aimed to provide career education and exploration. SENCAP classes will be offered during the regular school day. They will be scheduled like normal high school classes. All of the courses will count toward credit at SCC and many of them will transfer to other four-year institutions in Nebraska: 4.5 quarter credits equals 3.0 semester credits. The rank weighting for SENCAP courses will be a "2". To register for a SENCAP course, students complete a SENCAP application and register through their school's registration process. School counselors and SENCAP coordinators will assist students in registering for the Academy classes.

The same information regarding students taking Distance Learning (DL) or dual enrollment (DC Advantage) courses applies to students choosing to enroll in the SENCAP academy classes. Students and parents need to determine whether any college the student is applying to for admission will accept the dual college courses the student plans to take in high school as transfer credit to that college.

Parents and students will be solely responsible to the college for any concerns that may arise regarding attendance, student grades, deadlines, tuition, books, fees, transcripts, etc., since college-only courses are outside Wahoo High School's authority and control. **Students and their parent/guardians are responsible for all college costs, which include: college tuition, fees, textbooks, as well as knowing the college's drop/add or withdraw dates.**

NOTE: If funding is available for SENCAP courses, then ONLY the tuition for SENCAP courses will be paid by an agreement between Southeast Community College and Wahoo Public Schools. At this printing, SCC pays half of the course tuition and WHS pays half of the course tuition.

If the student completes the SENCAP course with less than a high school grade of "C" or drops the class after the date established by SCC and is no longer eligible for a refund, the student will be billed for the ENTIRE cost of tuition. In addition, the student will be required to compile a portfolio for the SENCAP class. If the student completes the portfolio with less than a high school grade of "C", the student will be billed for the ENTIRE cost of tuition.

SPECIAL EDUCATION

Students who have an IEP (Individualized Education Plan) according to Public Law (PL) 94-142 and Nebraska Department of Education (NDE) Rule 51 may receive Special Education services. Following are the graduating options that are offered to Special Education students. The program is arranged so that the qualified student receives individual instruction based upon his/her needs. Each student is mainstreamed as much as possible. The student is provided assistance with regular education classes and receives remedial instruction for materials in a specific area.

- Option 1 - Diploma. A student completes a standard course of study based upon meeting all requirements for graduation (250 credits) and IEP/Transition goals.
- Option 2 - Diploma. A student completes the standard or modified course of study, but not the IEP/transition goals OR a student completes the standard or modified course of study, and the IEP/transition goals.
- Option 3 – Diploma. A student completes his/her IEP/transition goals, but not the standard course of study.

COURSES OFFERED - SPECIAL EDUCATION

NOTES:

The number in front of each class denotes course Rank Weighting. One-semester courses are in italics.

BUSINESS [10 credits required]

0 Careers-a 9, 10, 11, 12
0 Career Development-a 9, 10, 11, 12
0 Job Sampling-a 9, 10, 11,12

ENGLISH [Required Core]

0 English 9a required
0 English 10a required
0 English 11a required
0 English 12a required
0 Speech-a required (9th recommended)

HUMAN SERVICE/FCS [NCEC 5 credits required]

0 Life Skills-a 9, 10, 11, 12

FINE ARTS [10 credits required]

0 Art-a 9, 10, 11, 12
0 Choir-a 9, 10, 11,12

ELECTIVES

0 Study Hall-a 9, 10, 11,12

MATH [Required Core]

0 Life Skills Math-a 9, 10, 11, 12
0 Financial Management-a 9, 10, 11, 12
0 Essential Math I-a 9, 10, 11, 12
0 Essential Math II-a 9, 10, 11, 12

PHYSICAL EDUCATION [10 credits required]

0 PE-a 9, 10, 11, 12

READING

Reading Skills 9-a
Reading Skills 10-a
Reading Skills 11-a
Reading Skills 12-a

SCIENCE [Required Core]

0 Health-a 9, 10, 11, 12
0 Life Science-a 9, 10, 11, 12
0 Earth Science-a 9, 10, 11, 12
0 Physical Science-a 9, 10, 11, 12

SOCIAL STUDIES/HISTORY [Required Core]

0 Nebraska History-a 9, 10, 11, 12
0 U.S. History-a 9, 10, 11, 12
0 Geography-a 9, 10, 11, 12
0 Government-a 9, 10, 11,12

COURSES OFFERED/COURSE DESCRIPTIONS –

SPECIAL EDUCATION

The following courses are for students who meet State and Federal Special Education Guidelines and have an Individualized Education Plan (IEP) according to Public Law (PL) 94-142 and Nebraska Department of Education (NDE) Rule 51. All of these courses require prior administrative approval before students can be enrolled in one of these classes. All classes are graded as either Pass or Fail on student transcripts. Year long classes are worth 10 credits. Semester-long classes are worth 5 credits. Study hall is worth zero (0) credits.

BUSINESS – SPECIAL EDUCATION

CAREERS-A

Year long course. Pass/Fail only.

Prerequisite: Administrative Approval PRIOR to enrollment.

Rank Weighting: N/A

Course is modified to meet the students' needs. This course will help students learn about appropriate attitudes and behaviors on the job, different career clusters, and skills needed for different types of jobs. Research will be completed in areas of interest and may participate in job shadowing experiences.

CAREER DEVELOPMENT-A

Year long course. Pass/Fail only.

Prerequisite: Administrative Approval PRIOR to enrollment.

Rank Weighting: N/A

Course is modified to meet the students' needs. Vocational Rehabilitation, Health and Human Services, Department of Developmental Disabilities Services and/or other outside agencies will be utilized to discover individual career interests and students will be given opportunities to do career exploration on a paid or non-paid (dependent upon previous job experiences) job-site.

JOB SAMPLING-A

Year long course. Pass/Fail only.

Prerequisite: Administrative Approval PRIOR to enrollment.

Rank Weighting: N/A

The students will be taught about job skills and job training. The students will have a job within the school system for at least one period and will be monitored by an adult.

ENGLISH – SPECIAL EDUCATION

ENGLISH 9-A

Year long course. Pass/Fail only.

Prerequisite: Administrative Approval PRIOR to enrollment.

Rank Weighting: N/A

Course is modified to meet the students' needs. The students will improve their reading fluency and comprehension through learning reading skills and techniques. The materials that will be read are high school interest level but written at a lower grade level. They will learn writing skills needed to function after graduation. Some skills being taught are writing informal and formal letters, thank you letters, invitations, capitalization, punctuation and writing paragraphs.

ENGLISH 10-A

Year long course. Pass/Fail only.

Prerequisite: Administrative Approval PRIOR to enrollment.

Rank Weighting: N/A

Course is modified to meet the students' needs. The students will improve their reading fluency and comprehension through learning reading skills and techniques. The materials that will be read are high school interest level but written at a lower grade level. They will learn writing skills needed to function after graduation. Some skills being taught are writing informal and formal letters, thank you letters, invitations, capitalization, punctuation and writing paragraphs.

ENGLISH 11-A

Year long course. Pass/Fail only.

Prerequisite: Administrative Approval PRIOR to enrollment.

Rank Weighting: N/A

Course is modified to meet the students' needs. The students will improve their reading fluency and comprehension through learning reading skills and techniques. The materials that will be read are high school interest level but written at a lower grade level. They will learn writing skills needed to function after graduation. A focus will be placed on persuasive writing, as students will participate in a required statewide writing assessment.

ENGLISH 12-A

Year long course. Pass/Fail only.

Prerequisite: Administrative Approval PRIOR to enrollment.

Rank Weighting: N/A

Course is modified to meet the students' needs. The students will improve their reading fluency and comprehension through learning reading skills and techniques. The materials that will be read are high school interest level but written at a lower grade level. They will learn writing skills needed to function after graduation. Some skills being taught are writing informal and formal letters, thank you letters, invitations, capitalization, punctuation and writing paragraphs.

SPEECH-A

Semester-long course. Pass/Fail only.

Prerequisite: Administrative Approval PRIOR to enrollment.

Rank Weighting: N/A

Course is modified to meet the students' needs. This is an introductory course in communication skills that covers interpersonal communication as well as the fundamentals of preparing a presentation. This course examines the various aspects of communication and also provides activities to develop creative and critical thinking. Presentations may be presented in a variety of modes dependent upon student needs.

FINE ARTS – SPECIAL EDUCATION

ART-A

Year long course. Pass/Fail only.

Prerequisite: Administrative Approval PRIOR to enrollment.

Rank Weighting: N/A

Course is modified to meet the students' needs. The students will create, understand and learn to appreciate their own art and the art of others.

CHOIR-A

Year long course. Pass/Fail only.

Prerequisite: Administrative Approval PRIOR to enrollment.

Rank Weighting: N/A

Course is modified to meet the students' needs. Students will learn music from a wide range of styles. In addition to learning and improving vocal skills, students will also be taught fine art etiquette and stage presence. Concerts or activities may be held during the school day.

HUMAN SERVICES/FCS – SPECIAL EDUCATION

LIFE SKILLS-A

Semester-long course. Pass/Fail only.

Prerequisite: Administrative Approval PRIOR to enrollment.

Rank Weighting: N/A

Course is modified to meet the students' needs. The students will learn and perform daily living skills. The following are samples of the skills being taught: laundry, household chores, cooking, filling out a job application, how to use coupons, basic sewing, ironing, and using a telephone book.

MATHEMATICS – SPECIAL EDUCATION

ESSENTIAL MATH 1-A

Year long course. Pass/Fail only.

Prerequisite: Administrative Approval PRIOR to enrollment.

Rank Weighting: N/A

Course is modified to meet the students' needs. Practical math for jobs in restaurants, automobile salerooms, machine shops, service stations, stores and banks. Includes thorough instruction in basic math skills using real-life situations, word problems, exercises, puzzles, and more.

ESSENTIAL MATH 2-A

Year long course. Pass/Fail only.

Prerequisite: Administrative Approval PRIOR to enrollment.

Rank Weighting: N/A

Course is modified to meet the students' needs. This course is a continuation of Essential Math 1.

FINANCIAL MANAGEMENT-A

Year long course. Pass/Fail only.

Prerequisite: Administrative Approval PRIOR to enrollment.

Rank Weighting: N/A

Course is modified to meet the students' needs. This course will focus on relating basic math skills to managing finances. Course may include budgeting, paying bills, managing a checkbook, buying and maintaining a car, computing taxes, and banking. (text: Consumer Math)

LIFE SKILLS MATH-A

Year long course. Pass/Fail only.

Prerequisite: Administrative Approval PRIOR to enrollment.

Rank Weighting: N/A

Course is modified to meet the students' needs. This course will focus on relating basic math skills to everyday living and using hands-on activities. Course may include telling time, counting money, buying food, managing a household, using measurement in different forms, calculator usage and cooking. (text: Life Skills Math)

PHYSICAL EDUCATION – SPECIAL EDUCATION

PE-A

Year long course. Pass/Fail only.

Prerequisite: Administrative Approval PRIOR to enrollment.

Rank Weighting: N/A

Course is modified to meet the students' needs. The students will do selected fitness and stretching activities. Students will be taught positive recreation and leisure activities that promote a healthy lifestyle.

READING SKILLS – SPECIAL EDUCATION

READING SKILLS 9-A

Year long course. Pass/Fail only.

Prerequisite: Administrative Approval PRIOR to enrollment.

Rank Weighting: N/A

Course is modified to meet the students' needs. Instruction addresses the wide range of reading deficits many older learners face, providing structure and practice needed to improve reading skills.

READING SKILLS 10-A

Year long course. Pass/Fail only.

Prerequisite: Administrative Approval PRIOR to enrollment.

Rank Weighting: N/A

Course is modified to meet the students' needs. Instruction addresses the wide range of reading deficits many older learners face, providing structure and practice needed to improve reading skills.

READING SKILLS 11-A

Year long course. Pass/Fail only.

Prerequisite: Administrative Approval PRIOR to enrollment.

Rank Weighting: N/A

Course is modified to meet the students' needs. Instruction addresses the wide range of reading deficits many older learners face, providing structure and practice needed to improve reading skills.

READING SKILLS 12-A

Year long course. Pass/Fail only.

Prerequisite: Administrative Approval PRIOR to enrollment.

Rank Weighting: N/A

Course is modified to meet the students' needs. Instruction addresses the wide range of reading deficits many older learners face, providing structure and practice needed to improve reading skills.

SCIENCE – SPECIAL EDUCATION

EARTH SCIENCE-A

Year long course. Pass/Fail only.

Prerequisite: Administrative Approval PRIOR to enrollment.

Rank Weighting: N/A

Course is modified to meet the students' needs. Course includes layers of the earth, atmosphere, water cycle, pollution, life cycle and solar system.

HEALTH-A

Year long course. Pass/Fail only.

Prerequisite: Administrative Approval PRIOR to enrollment.

Rank Weighting: N/A

Course is modified to meet the students' needs. This course will include self care, personal hygiene and grooming, diet, nutrition, stress management, esteem activities, family and relationships, consumer health and safety, substance abuse, sex education, injury prevention/safety and mental and emotional health.

LIFE SCIENCE-A

Year long course. Pass/Fail only.

Prerequisite: Administrative Approval PRIOR to enrollment.

Rank Weighting: N/A

Course is modified to meet the students' needs. Course includes what is an organism, cells, plants, animals and human body.

PHYSICAL SCIENCE-A

Year long course. Pass/Fail only.

Prerequisite: Administrative Approval PRIOR to enrollment.

Rank Weighting: N/A

Course is modified to meet the students' needs. Course includes matter, motion, heat, sound, light, electricity and magnetisms.

SOCIAL STUDIES/HISTORY – SPECIAL EDUCATION

GEOGRAPHY-A

Year long course. Pass/Fail only.

Prerequisite: Administrative Approval PRIOR to enrollment.

Rank Weighting: N/A

Course is modified to meet the students' needs. Students learn how to read maps, identify places and regions, landforms and climates, people and natural resources. Students learn state names and capitals.

GOVERNMENT-A

Semester-long course. Pass/Fail only.

Prerequisite: Administrative Approval PRIOR to enrollment.

Rank Weighting: N/A

Course is modified to meet the students' needs. Course will include branches of government, the voting process, presidential elections, and citizenship.

NEBRASKA HISTORY-A

Year long course. Pass/Fail only.

Prerequisite: Administrative Approval PRIOR to enrollment.

Rank Weighting: N/A

Course is modified to meet the students' needs. Students will learn the history of Nebraska including state symbol, flag, bird, place in the world natural resources and attractions.

US HISTORY-A

Year long course. Pass/Fail only.

Prerequisite: Administrative Approval PRIOR to enrollment.

Rank Weighting: N/A

Course is modified to meet the students' needs. Students will learn American History from Colonial America through America in the 21st century.

ELECTIVES – SPECIAL EDUCATION

STUDY HALL-A

Year long course. Pass/Fail only.

Prerequisite: Administrative Approval PRIOR to enrollment.

Rank Weighting: N/A

Note: Teachers: Brabec/Transitions/Smaus