Scribner-Snyder Community School's Registration Guide

SSCS's Registration Guide Index

Section 1- Master Schedule

2019-2020 Master Schedule

* - Designates dual credit classes

Period		1ST	2ND	3RD	4TH	5TH	6TH	7TH	8TH
	TIME	8:00-8:50	8:53-9:43	9:46-10:36	10:39-11:29	11:29-12:49	12:52-1:42	1:45-2:35	2:38-3:28
	ROOM					Jr High Lunch 11:29-11:59			
INSTRUCTOR						HS Lunch 12:22-12:52			
ALSMEYER	104	HS Library	HS Library	HS Lib	HS Lib	ELEM LIB	ELEM LIB	Elem Lib	Elem LIB
DREY	206	LA 8A	LA 8B	LA 7	8 Reading	7 Reading	Planning	HAL/FCS	Jr High PE / HAL
FISCHER	109	Planning	7th Grade Pre-algebra	8th Algebra	Guidance	Guidance	Guidance	Q1 - 8th /Q2 - 7th Career - Coll Prep sem 2	Guidance
KELLOUGH	Gym	ADV PE	9 PE/Health	PE 5-6	PE 2nd	PE K - 1st	PE 3-4	Planning	JH Act.
MCDUFFEE	101	Planning	Strenght/Cond	Physical Science	Life Skills PE	8th Science	7th Science	Strenght/Cond	Jr. High PE
MEYER	103	AD/IT	AD/IT	AD/IT	AD/IT	AD/IT	AD/IT	9 World Geo	AD/IT
PETERS	202	Algebra II	Algebra II	Planning	*College Algebra/Stat	Geometry	9th Grade Algebra	*College Alge/Trig	Geometry
PIPER	106	Physics	Biology A	Medical Terms/Medical Science	Plannning	Biology B	Science ACT	Anatomy/Physi	JH Act.
POESSNECKER	Band Rm	Band 7-12	Planning	Elem music 5-6	Elem music 2	Elem music K-1	Elem music 3-4	Jr High Music	VM 9-12
RUZICKA	107	Resource	Resource	Resource	Resource	Planning	Resource	Resource	SPED/P.E.
RYUN	108	Nat resource/ plant sci	*College Ag - NCTA	Wood/Construct	Food Science/Adv Animal Science	Planning	Intro to Ag/*Coll Ag NCTA	Q1 - 7th Ag /Q2 - 8th Ag	Intro to Ag
SCHAFER	205	Computer Science II	8th computer apply	AP Computer Science	Planning	9th Grade Coding	Web- Design & Ad Web-Design	Computer-Tech Assist	Elem computer 3-4-5-6
SCHROETLIN	102	Spanish I	Spanish III	Spanish II	French I	Planning	Spanish I	Q3- 7th Span/ Q4 - 8th Span	Spanish I
SILVER	105	HS Art	HS Art	HS Art	HS Art	Planning	Elem Art	Q3 - 8th / Q4 - 7th Art	HS Art
STEVENS	204	Planning	*College Eng 4	Eng 2	Eng 1	English 3	10th Speech & Creat writing	Journalism	Yearbook
STEWART	203	Planning	US History	*Psyo/Sociol/Hist	SS7	Gov/ Economics	SS 8	World History	JH Act.

Section 2 – Required Classes

Section 2:

3.0) GRADUATION REQUIREMENTS

3.1) General Requirements:

1.1) The minimum number of credit hours required for graduation is 250 Credit Hours.

1.2) Eight semesters of attendance are required. Students may not graduate before the end of the 8 semesters.

3.2) Core Curriculum Area Requirements

Graduation and Core Curriculum Requirements:

Classes that are sequential must be taken in order unless permission is granted by the administration.

English – 50 credit hours

Grade/Subject	Credits
Eng 9	10
Eng 10	10
10th Grade Speech/Creative Writing	10
Eng 11	10
Eng 12	10

English during the Senior Year may be chosen from Journalism, or College English Components and Literature that will be offered as dual credit.

Social Sciences – 40 credit hours

Geography is required as a 9th grade class, World History as a 10th grade class, U.S. History as an 11th grade class, and U.S. Government and Economics as a 12th grade class.

Grade	Subject	Credits
9	Geography	10
10	World History	10
11	American History	10
11 or 12	Sociology (if offered)	5
11 or 12	Psychology (if offered)	5
12	Government	5
12	Economics	5

Mathematics – 30 credit hours

Starting in 2019-2020 school year all 7th graders will take Pre-Algebra and all 8th graders will take Algebra I class during Jr. High. Algebra I will count as high school credits. All 9th through 11th graders MUST take a math class.

Grade	Subject	Credits
7	Pre-Algebra	(0 HS Credits)
8	Algebra I	10 (counts HS credit)
9	Geometry	10
10	Algebra II	10
	Or	
10	Geometry	10
11	College Algebra/College Trig (dual credit)	10
	Or	
11	Algebra II or ACT Math Test Prep	10
12	Calculus and/or Stats (dual credit/if offered)	10
	Or	
12	Life Skill Math (if needed)	10

Science - 30 credit hours

Grade	Subject	Credits
9	Physical Science	10
10	Biology	10
11	ACT Science Test Prep or Electives	10

3.4) Core Related Curriculum Requirements:

Fine Arts - 10 credit hours

This is required of all students. These hours must come from Instrumental or Vocal Music and / or Art.

Speech - 5 credit hours and Journalism – 5 credit hours

These hours will be scheduled during the sophomore year as a semester class.

P.E. / Health - 10 credit hours

One semester of P.E. and one semester of Health are required of all students.
Both of these will be scheduled during the freshman year.

Section 3 – Graduation Requirements

Section 3:

Required Classes by Grade Level

High School Required Courses

Grade 9	Grade 10	Grade 11	Grade 12
English 1	English 2 and Speech & Creative Writing (2 classes)	English 3	Journalism, Yearbook or College English (student choice)
Geography	World History	US History	Government and Economics (sem classes)
Math	Math	Math	
Physical Science	Biology	Science (student choice)	
P.E./Health			
Coding			

Jr. High Schedules and electives

Period	Grade 7	Grade 8
1st	Band or Computers	Band or Lang Arts
2nd	7th Math or Pre-Algebra	Lang Arts or Computers
3rd	Lang Arts	Alge 1 or Pre-Algebra
4th	Social Studies	Reading
5th	Reading	Science
6th	Science	Social Studies
7th	Rotation	Rotation
8th	PE - Sports	PE - Sports

Section 4 – Electives & Registration Process

Section 4:

Summary of Elective Classes and Class Registration

Summary of the electives SSCS offers <u>in house:</u>
Kirk Kellough – Advance PE, Advance PE 2, Advance PE 3

Justin McDuffee – Life Skills PE, Advance Life Skill PE) - Offered in Past/Available, Strength and Conditioning 1, Strength and Conditioning 2, Strength and Conditioning 3, Strength and Conditioning 4, Human Growth and Development (dual credit – Peru State College) - Offered in Past/Available.

Heather Peters – Calculus (dual credit – Metro), Statistic (dual credit – Metro), College Algebra (dual credit – Metro), Trigonometry (dual credit – Metro)

Kelsey Piper – Physic (bi-annual class)/Chemistry (bi-annual class), Medical Terms, ACT Science Test Prep, Anatomy, Physiology, Medical Science, Advance Biology - offered in the past/available

Myron Poessnecker – Band, Choir

Michelle Ryun – Welding, Advance Welding- Offered in Past/Available, Woods, Advance Woods, Construction, Animal Science - Offered in Past/Available, Advance Animal Science, Food Science, Advance Food Science - Offered in Past/Available, Plant Science, Natural Resources, Ag Mechanics, Introduction to Ag., Nutrition (dual credit -Nebraska College of Technical AG – Curtis), Animal Management (dual credit -Nebraska College of Technical AG – Curtis), Radiation Safety Management (dual credit -Nebraska College of Technical AG – Curtis)

Linda Schafer – Web-Design, Advance Web-Design, Computer Science, Advance Placement (AP) Computer Science (dual credit)

Danielle Schroetlin – Spanish I, Spanish II, Spanish III, French I, French II

Marsha Silver – HS Art I, HS Art 2, HS Art 3, Advanced HS Art 4

David Stevens – Yearbook, Yearbook 2, Yearbook 3, Journalism, Journalism 2, College English - Composition (dual credit – PSC), College English –Literature (dual credit– PSC)

Bob Stewart – Intro to Psychology (dual credit– PSC), Sociology (dual credit – PSC), History – AM History Before 1865 - (dual credit – PSC), History – AM History After 1865 to Present - (dual credit – PSC)

Leah Fischer/Linda Schafer – College Preparation (resumes, college application, scholarships)

Overview of the Class Registration Process:

Step 1: In March and early April, the principal works on revising the master class schedule. During this process the principal ask for input from the teachers/students on which electives classes they want to offer and the schedule is revised as needed. The principal also looks at dual credit classes offered by various colleges that SSCS will offer as well. If we have staff turn-over, the principal also has to take into consideration what kind of courses that new staff member can offer. The cores classes have remained in the same location on the master schedule for the past 8 years. Next, the principal will place the electives around the cores to maximize the ability of students to have access to them. Often times more than one section of a particular elective may need to put on the schedule so the students have availability to them. We continue to seek out more elective classes for our student to take based on need/interest. Distance learning classes are available for courses we don't have available in house.

Step 2: This year the first class registration took place mid-April. During this registration students are called in individually to my office so we can customize their schedule with the classes they want to take. During this process, I sometimes find conflicts with the elective offerings in relationship to the cores so changes to the master schedule are made. I also record individual student conflicts (if any) and try to tweak the schedule to fit their needs. This individual attention doesn't happen in larger school systems and most of our students get the schedule/classes they want. After the first registration is completed I request the students take their schedules home to share with their parents before the second registration takes place. During this time our dual credit class registration is completed. Starting in the 2019-20 school these schedule will need to be signed by both the student and their parent(s) so we're confident everyone is aware of the courses the student is taking. Although this has not been a problem in the past there seems to be some questions about this system so school district was glad to improve the process to alleviate these concerns.

Step 3: During the first two weeks in May the second class registration takes places. During this registration students again meet with the principal individually to make changes to their schedules. The counselor and high school secretary also check over the schedules to help principal find conflicts/errors that may have missed and to double check that all the graduation requirements have be met.

Step 4: Since the high school secretary is unable to enter the new student class schedules on PowerSchool until the end of July, the principal reviews the students' schedule and create an elective class list for the teachers so they know who/how many students they'll have in each of their sections. Once this list has been created they're distributed to the staff for review.

Step 5: The school secretary will enter the students' schedules in PowerSchool before the start of school in August. When the students return to school a hard copy of their schedule is given to them on the first day of school. Next during the first week of school, the student have a 3rd chance to change their schedules through the "Drop and Add" process. This process requires the students to obtain a drop and add sheet from the office and for them to seek permission from the teachers and parents to make changes to their schedule. As part of this process, the school counselor and principal also sign off these changes to make sure they're appropriate and won't affect their ability to meet graduation requirements.

Section 5 – Course Descriptions

Section 5:

SSCS'S CLASS DESCRIPTIONS

SOCIAL STUDIES

World History (Jr. High-Core)
Grade: 7

This course is one that combines elements and subjects from ancient times to the present day. Several civilizations that have a lasting impact (cultures, social problems and institutions, and relationships) on the modern world are covered. The course will prove to be relevant for overall development of academic skills.

US History (Jr. High-Core)
Grade: 8

This course is one that will provide students with an overview of US history from how the American spirit was born, and why it flourished even from the early years to the Reconstruction era. Particular emphasis is placed on the people, events, and ideas that shaped the early years of America's history.

World Geography-(HS –Core)
Grade: 9
Credits: 10

The World Geography course familiarizes students with the world using the five geographic themes and essential elements. Students will develop skills and knowledge about location, place, human/environmental interaction, movement, and regions. World Geography class will compare and contrast these themes across all continents. Special attention will be given to the most essential skills and knowledge of the discipline. World Geography class will focus on geographic habits of mind to promote higher level thinking and problem solving. World Geography class will require students to apply skills and knowledge to content information involving different regions of the world. World Geography class will integrate thinking skills, technology, historical processes, and content so that students are able to apply the learning to their own lives. Students will be able to apply their geographic knowledge to their community, state, nation, and the world.

World History-(HS –Core)
Grade: 10
Credit: 10

This course will provide students the opportunity to explore key events and global historical developments since the beginning of civilization and how those events have helped shape today's world. This course provides the latitude to range widely across all aspects of human experience: economics, science, religion, philosophy, politics and law, military conflict, literature and the arts.

US History- (HS –Core)
Grade: 11
Credit: 10

This course is one that will provide students with an overview of US history from the Reconstruction Era to the present. Particular emphasis is placed on the people, events and ideas that have shaped our nation during this time.

American Government & Economics (semester classes) - (HS –Core)
Grade: 12
Credit: 10 (5 credits per semester)

American Government (semester 1)

This course is one that will provide students with an overview of American Government from its beginning to the way our system works. Particular emphasis is placed on the foundations of government, the Constitution, the Branches of government, the Political Process, and Elections.

Economics (semester 2)

This course is one in which students learn the fundamental concepts of economics and apply them in intellectually and engaging ways. Students will gain a general understanding of economics and economic philosophy that will enable them to assess and evaluate the U.S. economy and their personal finance more successfully.

SCIENCE

Life Science (Jr. High -Core)
Grades: 7

In Life Science, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Life Science study a variety of topics; Cells; Reproduction & Heredity; Life over Time; Earth's Organisms; The Human Body Systems; Human Health; Interactions of

Living Things; Earth's Biomes & Ecosystems; Earth's Resources; and Human Impact on the Environment.

Earth Science (Jr. High-Core)
Grades: 8

In Earth Science, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Earth Science study a variety of topics; Earth's Surface; Earth's History; Minerals and Rocks; The Earth's Layers; Plate Tectonics; Mountains, Volcanoes & Earthquakes; Earth's Water; Oceanography; Earth's Atmosphere; Weather & Climate; The Universe; The Solar System; The Earth-Moon-Sun System; and Exploring Space.

Physical Science-(HS –Core)
Grades: 9
Credit: 10

In Physical Science, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Physical Science study a variety of topics; Matter and their states; Atoms; Periodic Table; Structure of Matter; Motion; Forces; Work and Energy; Heat and Temperature; Waves; Sound and Light; Electricity and Magnetism.

Biology-(HS –Core)
Grade: 10
Credit: 10

Students will investigate several biological concepts in the classroom by incorporating and exploring essential information, principles, processes, theories, and models throughout the year. Topics throughout year will consist of the nature of science, structure and function of cells and principles of genetics, evolution, and ecology.

Advance Biology – (HS – Elective)
Grades: 11-12
Credit: 10

Students will investigate advance concepts related to the human body and other topics related to living organisms. This course also focuses on how living thing interact with one another, grow, and develop.

ACT Science Test Prep– (HS – Elective)
Grade: 11
Credit: 10

This course will be covering various scientific areas that meet the requirements of our state standards. Students will gain a greater knowledge in biological principles, chemistry and physics

laws, and earth and space topics. Students will be using inquiry and critical thinking skills to understand various scientific phenomenon. Another aspect of the course is ACT preparation. Throughout the school year, students will be given various practice materials to enhance their understanding of the science section of the ACT.

Anatomy (semester 1) and Physiology (semester 2) – (HS – Elective)
Grades: 11-12
Credits: 10 (5 credits per semester)

This course introduces foundational concepts involving the human body. This course will include concepts such as directional terms and the study and function of human cells and tissues. Also, a major portion of the course will be discussing a variety of organ systems and how they all function together through physiology. Concepts will be more thoroughly explored with hands-on learning.

Medical Terminology and Health Careers– (HS – Elective)
Grades 11-12
Credits: 10

Throughout the course of this year, students will study various vocabulary terms that revolve around careers in the Health Field. By studying root words, prefixes, and suffixes, students will develop an extensive medical vocabulary. Anatomy and physiology of the human body will also play a large part in the curriculum but previous knowledge is not needed prior to this course. For the Health Careers portion of the class, students will be exploring the many occupations in the medical field. Students also get to take several fieldtrips to various medical centers to interact and learn from individuals who are actually do these jobs.

Medical Science– (HS – Elective)
Grades: 11-12
Credits: 10

This course is designed to students the opportunity to explore medical careers and the general functions of persons operating in the medical field. Students will explore these career opportunities and have a variety of field experience off campus. Individuals will have a chance to meet with medical staff as they work in real world settings.

Chemistry (Bi-Annual) – (HS – Elective)
Grades: 11-12
Credits: 10

This course introduces foundational chemical concepts from an inorganic, organic, and biological perspective. Topics include the structure and physical properties of matter, use of the Periodic Table, development of the atomic theory, chemical bonding, stoichiometry, and chemical reactions. Many concepts will require the use of mathematic skills to complete measurements, conversions and calculations. Concepts introduced in lecture will be enhance by hands-on experience in the laboratory.

Physics (Bi-Annual) – (HS – Elective)
Grades: 11-12
Credits: 10

Throughout this course, students will use critical thinking skills and the scientific method to solve problems. Many concepts throughout this course will rely heavily on the use of mathematical skills. Topics that will be introduced to students will be the nature of science, measurements and conversions, laws of motion, forces, conservation of energy and momentum, gas laws, thermodynamics, and the characteristics and behavior of waves. Hands-on experiences in the laboratory will enhance the concepts learned throughout this course.

CAREERS AND COLLEGE PREP

Junior High Careers- (Jr. High Core)
Grade: 7-8

This course is designed to guide students through the process of investigation and the development of a high school, college, and career achievement plan. Students will explore their interests, abilities and educational and career information to make informed decisions. This information will be used to explore educational requirements for a variety of chosen career paths.

College Prep (Students planning to attend 2-4 year college) – (HS – Elective)
Grade: 12

College Prep focuses on the skills and strategies necessary for students to make a successful transition into high school and an academic career. Students will explore the options available in high school, higher education, and the professional world. Students will identify likes and dislikes, talents, and hobbies. The course focuses on self –understanding, decision-making, resiliency, attitude, character, social skills and leadership to help students maximize personal achievement in high school and beyond. Additionally, the course emphasizes proactive problem solving, self-determination, and independent thinking skills.

PYSICAL AND HEALTH EDUCATION

9th Grade PE/Health- (HS Core)
Grade: 9
Credits: 10

This course (PE) is designed to assist students in obtaining accurate information for developing lifelong positive attitudes and behaviors, and making wise decisions related to their personal health. Study will include personal and community health, mental, emotional and social health, injury prevention and safety, nutrition, alcohol, tobacco and other drugs, and growth development. Physically, students will work on exercise, cardiovascular, strength, endurance and

flexibility. A variety of fitness, skills, individual, and field activities will promote the development of lifetime fitness skills. Activities include: flexibility, strength, agility, endurance, balance and coordination. Lifetime activities such as volleyball, badminton, table tennis and pickle ball will be covered to name a few. Students will have the opportunity to work with heart monitors and pedometers as well as have their own weight training program.

The second part of this class (Health) focuses on living a healthy lifestyle through information to guide people in making healthy choices. Topics covered, but not limited too are stress, nutrition, caring for your body, the life cycle, drugs, alcohol, tobacco, first aid, healthy relationships and diseases. Students will be given the opportunity to be CPR certified through the American Heart Association.

Life Skills PE– (HS – Elective)
Grades: 9-10-11-12
Credit: 10

In this course, the following areas are covered: Building a Strong Foundation; Becoming and Staying Physically Active; Moderate & Vigorous Physical Activity; Muscle Fitness & Flexibility; Healthy Choices; Wellness Perspective; Moving through Life. Activities students will be involved in: Bow Hunter Education & Archery; Boater Education; Hiking and Exploring Nature; Fishing; Trapping; Frisbee Golf; Service Learning Activities and other physical activities.

Advanced Life Skills PE– (HS – Elective)
Grades: 10-11-12
Credit: 10

This course is a continuation of activities and concepts covered in the first Life Skill PE class. Student will experience different physical activities and interact with one another to enhance learning. This class also has more course work done in a regular classroom setting.

Strength & Conditioning– (HS – Elective)
Grades: 9-10-11-12
Credit: 10

Strength and conditioning class emphasizes constantly-varied, high-intensity functional movement. Work cardiovascular endurance, stamina, strength, flexibility, power, speed, coordination, agility, balance, and accuracy, maximizing your performance and fitness for any physical challenge or activity. This course may be repeated.

Advanced PE– (HS – Elective)
Grades: 10-11-12
Credits: 10

This course is designed to give students the opportunity to learn fitness concepts and condition techniques for obtaining optimal physical fitness. Study will include team and leisure sports as

well as lifelong fitness. Students will be empowered to make wise choices, meet challenges and develop positive behaviors in fitness, wellness and movement activity. There will also be an emphasis on stretching exercises as well as cardiovascular fitness with the use of such things as heart monitors. Each student will have an individual personal workout plan for weight training. Activities include: lifetime fitness, basic skills, movement and knowledge in the following individual, dual and team activities will be presented: volleyball, badminton, pickle ball, table tennis, basketball, horseshoes, softball, and Frisbee golf. This course may be repeated.

FOREIGN LANUAGES

Introductory Foreign Language (Jr. High -Core)
Grade: 7

Students will be introduced to basic vocabulary in the target language through the use of mixed media. This class will focus on the study skills needed to learn a foreign language and the proper pronunciation of words. The goal is to instill curiosity and excitement about a culture and language not their own.

Introductory Foreign Language (Jr. High -Core)
Grade: 8

Students will be introduced to a broader vocabulary base and basic grammar structures that allow them to interact in common every day conversations. This introductory course will continue to build on study strategies and work to strengthen the comfort level of pronouncing foreign words and speaking a foreign language.

Spanish I– (HS – Elective)
Grades: 9-11
Credits: 10

An introduction to basic Spanish language through a balanced four-skills approach to learning that entails listening, speaking, reading, and writing activities. Multimedia resources will be used to enhance these skills. Level I will cover subjects and grammar necessary for communication in daily situations. Cultural and/or historical readings are included in each lesson to enhance reading strategies such as using context clues. Possible field trips to Hispanic businesses will enhance the use of these skills and give students a real world experience.

Spanish II– (HS – Elective)
Grades: 10-12
Credits: 10
Prerequisites: Student must have taken and passed Spanish I

Through mixed media, Level II reviews and builds upon the basic grammar concepts touched upon in Level I. It continues with additional structures, expressions, and vocabulary. Listening

and speaking skills will continue to be developed through auditory and verbal activities. Culture will continue to be explored through cultural/historical texts.

Spanish III– (HS – Elective)
Grades: 11-12
Credits: 10
Prerequisites: Students must have taken and passed both Spanish I and II.

During the third year of study, students will continue to build upon grammar and vocabulary learned in the previous years as well as be introduced to more complex verb tenses. They will sustain conversation on familiar subjects, read short stories, and focus on writing longer original compositions. Activities are geared toward the development of higher-level and critical-thinking skills and will include multimedia resources.

French I– (HS – Elective)
Grades: 9-12
Credits: 10

An introduction to basic French language through a balanced four-skills approach to learning that entails listening, speaking, reading, and writing activities. Multimedia resources will be used to enhance these skills. Level I will cover subjects and grammar necessary for communication in daily situations. Cultural and/or historical readings are included in each lesson to enhance reading strategies such as using context clues. Possible field trips to French businesses will enhance the use of these skills and give students a real world experience.

French II– (HS – Elective)
Grades: 10-12
Credits: 10
Prerequisites: Student must have taken and passed French I

Through mixed media, Level II reviews and builds upon the basic grammar concepts touched upon in Level I. It continues with additional structures, expressions, and vocabulary. Listening and speaking skills will continue to be developed through auditory and verbal activities. Culture will continue to be explored through cultural/historical texts.

MATHMATICS

Pre-Algebra (Jr. High - Core)
Grades: 7

Pre-Algebra is a course that places a strong emphasis on the continued study of integers, order of operations, variables, expressions, and equations. Students will solve and graph equations and inequalities, write and solve proportions, and explore geometry, statistics, and basic graphing.

Algebra I (Jr. High – Core)
Grades 8
10 credits

Algebra is a branch of mathematics which deals with the properties of functions in general and more specifically with linear functions. Students solve expressions, equations, inequalities, systems of equation.

Geometry (HS – Core)
Grades: 9- 10 - 11 -12
10 credits

Geometry is taken as the second course in a student's high school mathematics sequence. Students apply geometric properties to real-world situations. The course also provides students the opportunity to study and analyze three-dimensional objects.

Algebra II (HS- Core)
Grades: 10 – 11- 12
Credits: 10

Algebra II is an extension of Algebra I. Students solve expressions, equations, inequalities, systems of equations and inequalities, matrices, graph nonlinear functions, logarithms and basic trigonometry.

ACT Math Test Prep– (HS – Elective)
Grades: 11-12
Credits: 10

Standards Math/ACT course will review over topics of Algebra 1, Geometry and Algebra 2. It will focus on topics that are pertinent to the ACT test. It will include ACT practice questions and tests.

ENGLISH/LANGUAGE ARTS

Language Arts (Jr. High - Core)
Grade: 7

Students will combine skills in grammar and composition. Students learn to vary sentence structure and to appropriately and consistently use verb tenses. Seventh grade students edit their writing based on their knowledge of grammar and usage, spelling, punctuation, and other conventions of written language. Students are able to select and use different forms of writing for specific purposes such as to inform, persuade or entertain.

Reading (Jr. High - Core)
Grade: 7

Students will study and analyze a variety of classic and contemporary reading selections. They learn to recognize how style, tone and mood contribute to the effect of a text. They also review and refine skills as they comprehend the importance of characterization, conflict, plot, and other concepts that contribute to literature.

Language Arts (Jr. High - Core)
Grade: 8

Students will combined study of grammar and composition. Composition will be stressed as a major component of the course. Students will be expected to effectively communicate ideas through their writing. Grammar will be studied both independently and in conjunction with composition.

Reading (Jr. High- Core)
Grade: 8

Students will focus on developing the reading and analyzing skills needed to be successful readers. During this school year, students will read a variety of grade-level-appropriate classics and contemporary literature, nonfiction, poetry, and plays.

English I (HS – Core)
Grade: 9
Credits: 10

This course builds upon fundamental literacy skills. Composition, semantic, and reading skills will be emphasized throughout the course. Major topics and themes include personal narratives, persuasive writing, analytical writing, Animal Farm, Shakespearean literature, and Greek drama and epic literature along with other various genres.

English II (HS – Core)
Grade: 10
Credits: 10

This course is designed to help students improve writing and reading skills. Composition, semantic, and reading skills will be emphasized throughout the course. Major topics and themes include analytical writing, a review of grammatical usage and mechanics, To Kill a Mockingbird, Fahrenheit 451, Lord of the Flies, along with other various genres.

Fundamentals of Speech & Communication (semester 1) - (HS – Core)
Grade: 10
Credits: 5

This course introduces the fundamentals of speech and communication. Principals of effective communication and speaking in public will be analyzed and put into practice. Emphasis will be placed on analyzing communication as well as writing, preparing, and presenting various public speeches/performances: demonstrative, informative, persuasive, entertaining, duets, OID, prose (serious and entertainment), poetry, etc.

Creative Writing (semester 2) (HS – Core)
Grade 10
Credits: 5

This course is designed for students to express creativity in the form of short stories, poetry, and other various genres. Students will read and analyze published fiction and poetry to learn the craft of creative writing. Editing and revising will take place in a workshop setting as students complete a digital chapter book of their work.

English III (– (HS – Core)
Grade: 11
Credits: 10

Also known as American Literature, this course is designed to help students improve their writing and reading skills while focusing on various American writings and themes. Students will master composition, semantic and reading skills throughout the course. Persuasive writing, text-dependent writing, and a study of various American literature genres will be the main themes throughout the course along with ACT prep for English, Reading, and Writing.

Journalism: Newspaper– (HS – Elective)
Grades: 11-12
Credits: 10

This class is in charge of the production of The Trojan Times. Students will be responsible for writing articles, layout and graphic design, interviewing, photography, and working with deadlines. Throughout the semester, students will learn about AP writing style, current events, elements of news/journalism, design principles, journalism ethics, etc. Broadcasting and managing social media as well as an online newspaper will also be required of students. This course is also a NSAA sanctioned activity, therefore students will have extra responsibilities outside of class. Students may take this course multiple times with special permission. This class may be repeated

Journalism: Yearbook– (HS – Elective)
Grades: 10-11-12
Credits: 10

This class is in charge of the yearly production of the Scribner-Snyder yearbook. Students will be responsible for writing themes/articles, layout and graphic design, interviewing, photography, and working with deadlines. Furthermore, students will be required to sell and design ads for local businesses and seniors. This course is also a NSAA sanctioned activity, therefore students will have extra responsibilities outside of class. Students may take this course multiple times with special permission.

COMPUTER APPLICATIONS/CODING

Keyboarding Applications (Jr. High -Elective)
Grade: 7

This is an introductory course for keyboarding students. In this curriculum students are required to improve keyboarding skills and in return apply those skills using Microsoft Office tools. Units of study include Word, PowerPoint, Excel, Movie Maker, and Access. Digital safety and citizenship are also emphasized during instruction. During this class instruction the students are taught to use the tools, tabs, and terminology associated with Microsoft Office tools as well as improve not only words per minute but also accuracy. Block coding using Scratch is used to create simple games.

Computer Applications (Jr. High- Elective)

Grade: 8

This course continues working on keyboarding skills as well as introducing students to tools available on their laptops and on the web. They work with photo editing websites, online presentation tools, and Adobe Photoshop CS5 and Illustrator. They are taught to evaluate websites based on qualities and validities of the site information. A review of Scratch block coding is also taught in this class and is used to create digital stories. Basic review of Word tools through projects such as"All About Me" posters, creating infographics, and writing website reviews. Critical thinking and problem solving is emphasized throughout the projects completed in this class.

Coding 1 (HS –Core)
Grade: 9
Credits: 10

This course encourages cooperative learning, computational thinking, problem solving, and higher level thinking skills. Using the Construct 2 program students are responsible for creating games using object coding. Each game requires them to learn programming language and apply that to objects provided by the curriculum. Topics covered in this course include internet safety,

copyright, game programming, career topics in computer science, the Game Engineering Cycle, and html5 computer language.

Computer Science II– (HS – Elective)
Grades: 10-11-12
Credits: 10

In this course students are introduced more advanced programming and coding skills learned in the first Coding class. Students will explore concepts related to game design, communication, collaboration, and creativity. Students will create various computer related project. The second portion of the course involves Mobile app creation. They will be introduced to the steps needed to create and deploy application created using Android Studio. Internet safety and digital citizenship lessons are also taught throughout the year.

Web Design– (HS – Elective)
Grades: 10-11-12
Credits: 10

This class provides instruction in four major areas-Technical skills related to web design and development, computer programming using HTML and CSS languages, and graphic design, Communication and collaboration, Software applications for appropriate and accessible digital and physical tools, and Post-secondary and career options. Lessons also include design theory, color theory, and internet safety. Both online tools and Dreamweaver are used in the programming of the web pages.

Advance Web Design– (HS – Elective)
Grades: 11-12
Credits: 10

This class provides advance instruction with communication and collaboration. As with the first Web Design course this class will continue to focus on software applications for appropriate and accessible digital and physical tools, and post-secondary and career options. Lessons also include advance design theory, color theory, and internet safety. Both online tools and Dreamweaver are used in the programming of the web pages.

ART COURSES

Jr. High Art (Jr. High - Core)
Grades: 7-8

These classes build upon and increase student's knowledge of the elements of art and the principles of design. It will familiarize students with an increased variety of media and techniques. The students will continue exploration of line, shape, form, value, color, texture and space. Students will explore pattern, variety and emphasis. A continued emphasis on critical analysis is accompanied by an increase focus on art from other cultures. Students will complete

projects in drawing, painting, clay and design. Students will be required to keep a portfolio of the artwork.

Art 1– (HS – Elective)
Grades: 9-10-11-12
Credits: 10

This class will build upon and increase student's knowledge of the elements and principles of design and familiarize students with an increased variety of media and techniques. Students will explore relationships between the Elements of Art: line, shape, color, form, value, texture, and space and the Principles of Design: proportion, balance, rhythm, pattern unity, emphasis, and variety. Students will complete projects in drawing, painting, mixed media, clay media, design, proportion and perspective. Students will be required to keep a portfolio of artwork.

Art 2 – (HS – Elective)
Grades: 10-11-12
Credits: 10
Pre-requisite Art 1

Students will review the Elements of Art and Principles of Design, the essential fundamentals and apply learned principles into two and three-dimensional media. Students will experience drawing, painting, sculpture, design, clay, textiles, mixed media collages, sculpture and printmaking. Students will explore pattern, variety and emphasis through the study of various cultures of people. Students will experience the study of various artworks through visual slides and art prints. Students will be required to keep a portfolio of artwork.

Art 3 & Advanced Art 4 – (HS – Elective)
Grades: 11-12
Credits: 10
Pre-requisite Art 1-2

Students will continue exploring theory and ideas related to individual interests. Media using 2-dimensional and 3-dimensional concepts will be encouraged. Students will keep in mind the principles of design as well as the elements. A study of the masters will help students develop critical thinking skills, understand art, develop new insights, refine research skills and learn how to interpret many works of art. Students will be challenged to broaden individual, technical, and creative skills. Students will explore 20th Century artists through evaluation and critiques of visual slides. Each quarter students may be required to complete a study on an artist of his/her choice and prepare a report in written format. Students may also be required to create artwork in the style of an artist. Students will be required to keep a portfolio of artwork.

AGRICULTURE COURSES

Jr. High Ag (Jr. High-Core)
Grades: 7-8

The objective of this course is to give junior high students an idea of what agricultural education encompasses. Some of the topics that may be covered include: the livestock industry, safety, ethical treatment of animals, agricultural history, soil, plants, natural resources, food science, the National FFA Organization, and parliamentary procedure.

Introduction to Ag– (HS – Elective)
Grades: 9
Credits: 10

The objective of this course is to become familiar with careers in agriculture, record keeping, and to learn about the National FFA Organization's history. In addition, general agricultural topics will be covered including: natural resources (air and water quality, forest/wildlife management, and aquaculture), plant science, food science, and animal science (animal anatomy, reproduction, and management).

Woods and Construction– (HS – Elective)
Grade: 10-11-12
Credits: 10

The objective of this course is to become familiar with proper procedures for use and care of woodworking tools. Topics of discussion include using the wood shop safely, project planning (sketching and drawing, measurement, developing a bill of materials), hand wood working, and power tools. There will be assigned projects using both hand and power tools; and at the end of the year there is time for a project of the students choice. Please be aware that if a student would like to take a project home, they are responsible for covering the cost of materials or provide their own materials.

Advanced Woods– (HS – Elective)
Grade: 11-12
Credits: 10

This course is for students who have previously taken Woods and/or Agricultural Mechanics. This will be a project based course where students will use previously learned skills to complete projects of their choice. Please be aware that if a student would like to take a project home, they are responsible for covering the cost of materials or provide their own materials. The primary grades in this class are given based off of work in the shop.

Animal Science– (HS – Elective)
Grade: 10-11-12
Credits: 5

Animal Science is the discussion of the livestock industry (the importance, career opportunities, and safety), feeding livestock (digestive system, feed nutrients, balancing rations), animal breeding (genetics, reproduction, biotechnology) and livestock evaluation.

Advanced Animal Science– (HS – Elective)
Grade: 11-12
Credits: 5

With Advance Animal Science students continue their study of livestock management and other related topics dealing with more complex concepts on how to raise domestic animals properly.

Plant Science– (HS – Elective)
Grade: 10-11-12
Credits: 5

Plant Science is a course designated to learning about how plants grow. Topics to be covered include careers in the industry, the plant kingdom, plant structure, water, temperature, nutrients, light, plant propagation, and genetic engineering.

Natural Resources– (HS – Elective)
Grade: 10-11-12
Credits: 5

The objective of this course is to define natural resources; discuss careers; understand basic ecology (population, communities, ecosystems); discuss resources (air, water, land, renewable vs. non-renewable); and understand conservation and management of natural resources including soil, wildlife, and energy.

Agricultural Mechanics– (HS – Elective)
Grades: 11-12
Credits: 10

The first objective of this course is to become familiar with the steps and procedures to properly use MIG (GMAW), ARC, and O/A welding equipment. This will include safety, use of power tools, metal preparation and specific procedures for each welding type. After all course material is covered, students must complete the list of assigned welds using each of the machines. After all welding is complete, the focus of the class turns more toward agricultural mechanics. Here, small engine parts and operations, electrical wiring, and concrete are topics that may be covered.

Food Science– (HS – Elective)
Grade: 10-11-12
Credits: 5

Food Science will concentrate on the food industry and how food gets from the producer to the consumer. Topics to be covered include applying principles of science used in the food industry, selection and processing of food products, food safety and management, food-borne illnesses, essential nutrients, dietary guidelines, and careers in the food industry.

Advanced Food Science– (HS – Elective)
Grade: 11-12
Credits: 5

This course explore advance management techniques related to cattle, swine, horse, poultry, dairy cattle, and sheep/goats. Information including breeds, selection, feeding, diseases, equipment, anatomy, marketing, and waste management will be covered. Students also learn about career opportunities and program of study are available in a post-secondary setting.

Welding– (HS – Elective)
Grade: 10-11-12
Credits: 5

This course allows students to learn how to welding using a variety of different kinds of welders (MIG (GMAW), ARC, and O/A). As part of this program individuals also learn about welding safety and various welding techniques that can be used in a many settings.

Advance Welding– (HS – Elective)
Grade: 11-12
Credits: 5

With Advance Welding students build off their knowledge they learned in the basic welding class to increase their welding skills. Students will become extremely proficient with working a variety of welders (MIG (GMAW), ARC, and O/A). Students will also learn about welding careers and post-secondary programs they might explore.

MUSIC COURSES

Band– (HS – Elective)
Grade: 7-8-9-10-11-12
Credits: 10

This program allows students to play a musical instrument(s) in a group setting. Persons participating in this course will have several opportunities to perform in public.

Choir – (HS – Elective)
Grade: 9-10-11-12
Credits: 10

This program allows students to sing in a variety of setting with the opportunity to increase their vocal skill throughout high school. Public performances are also a part of the student's experience.

SSCS'S DUAL CREDIT CLASSES & CLASS DESCRIPTIONS – (SSCS currently offer elective courses from Peru State College - Metro College – Nebraska College of Technical Agriculture at Curtis. Other courses available from other colleges based on need/request)

Psychology (Offered as Dual Credit through Peru State College) – (HS – Elective)
Grades: 11-12
Credit: 5 (High School) - 3 (College)

This course is a general introduction to contemporary psychology focusing on basic concepts, principles, terminology, trends in psychological research, and the application of this knowledge.

Sociology (Offered as Dual Credit through Peru State College)– (HS – Elective)
Grades: 11-12
Credit: 5 (High School) - 3 (College)

This course is an introductory study of group and social dynamics, cultures, social problems, social institutions, intergroup relationships, and the impact of social policies.

Human Growth & Development (Offered as Dual Credit through Peru State College) – (HS – Elective)
Grades: 12
Credit: 5 (High School) - 3 (College)

Human Growth and Development is planned to acquaint you with developmental concepts in psychology and to give you an understanding of the basic dynamics, which underlie human behavior at various stages in the lifespan. You will have the opportunity to study human development from conception through childhood.

College Algebra (Offered as Dual Credit through Metro College) – (HS – Elective)
Grades: 11 & 12
Credits: 5 (High School) – 4.5 (College)

This course covers advanced algebra topics that include rational expressions; solving quadratic, rational, radical, and polynomial equations; relations and functions; quadratic and polynomial functions; systems of equations and inequalities; exponential and logarithmic functions; and matrices.

Trigonometry (Offered as Dual Credit through Metro College) – (HS – Elective)
Grades: 11 - 12
Credits: 5 (High School) - 4.5 (College)

Topics include trigonometric ratios, triangles, vectors, circular functions, trigonometric identities, trigonometric equations, and complex numbers.

Statistics (Offered as Dual Credit through Metro College)
Grades 12
Credits: 5 (High School) - 4.5 (College)

This course requires students to develop a critical and functional understanding of data. Topics include frequency distributions, measures of central tendency and dispersion, probability and probability distribution, sampling concepts, estimating means, variances, standard deviations, proportions and percentages, hypothesis testing, and correlation and linear regression.

Calculus (Offered as Dual Credit through Metro College) – (HS – Elective)
Grades: 12
Credits: 5 (High School) - 7.5 (College)

This course covers the mathematical tools used to analyze the continuous rate of change between variables. It reviews some principles of pre-calculus and investigates limits, differentiation, and integration. The course includes applications of both differentiation and integration.

English 101 Composition (Offered as Dual Credit through Peru State College) – (HS – Elective)
Grades: 12
Credit: 5 (High School) - 3 (College)

A study of the principles of clear and effective expression as applied to the sentence, paragraph, and the whole composition. It includes a review of grammar, mechanics, correct usage, as well as training in organization and the writing of short and long papers. This course, with some exceptions, is required course for all freshmen. Each semester the department will offer at least one special focus course but no more than two.

English 202 Literary (Offered as Dual Credit through Peru State College) – (HS – Elective)
Grades: 12
Credit: 5 (High School) - 3 (College)

Meets a general education requirement designed to increase the student's appreciation of literature with an emphasis on modern literary forms.

Early American History (Offered as Dual Credit through Peru State College) – (HS – Elective)
Grades: 11-12
Credit: 5 (High School) - 3 (College)

This course focuses on the origins of our country. Students will learn about historical events before1865 back to the founding of the United States.

American History (Offered as Dual Credit through Peru State College) – (HS – Elective)
Grades: 11-12
Credit: 5 (High School) - 3 (College)

This course focuses on historical events after1865 related to United States up to the present.

Nutrition (ASI-1253) – (Offered as Dual Credit through the Nebraska College of Technical Agriculture at Curtis) – (HS – Elective)
Grades: 11-12
Credit: 5 (High School) - 3 (College)

This course focuses on the importance of feeding livestock with proper nutritional considerations to maximize the animal's ability to grow and develop.

Animal Management (ASI-1303) – (Offered as Dual Credit through the Nebraska College of Technical Agriculture at Curtis) – (HS – Elective)
Grades: 11-12
Credit: 5 (High School) - 3 (College)

This course allows students to learn how to maintain livestock in both a confined and open range setting. Students will explore ways to responsibly care and manage domestic animals properly.

Radiation Safety (VTE-2821) – (Offered as Dual Credit through the Nebraska College of Technical Agriculture at Curtis) – (HS – Elective)
Grades: 11-12
Credit: 5 (High School) - 1 (College)

This class teaches students the importance of maintaining a safe work environment while working around machines and other materials that may have harmful radiation. Students will also learn about specialized equipment used to help protect individuals from getting exposed to radiation.

Advance Placement (AP) Computer Science– (Offered as Dual Credit by Select Colleges) – (HS –Elective)
Grades: 11-12
Credits: 10 (High School) - 3 (College)

In this course students will use their knowledge from past entry level courses and apply these skills to even more advanced computer concepts and projects. Students will focus on specific computer related career opportunity and learn about post-secondary courses/concepts they will mastering during college. There is an opportunities for students to earn dual college credits with this class if students complete/pass a mastery test at the end of the school year.

Section 6 – Dual Credit Enrollment – 2019-2020

Section 6: - Summary of Students/Courses/Total Hours Dual Credit

Semester 1 – 2019-2020:

Student		Courses		Dual Credit Hours			= Total Hours
Person	**ENG Comp**	**PSYC**	**AM History**	**Alge**	**Computer**	**AG**	**= Total Hours**
Student 1 -	3 hours	3 hours	3 hours	4.5 hours			= 13.5
Student 2 -	3 hours						= 3
Student 3 -	3 hours					3 hour	= 6.0
Student 4 -	3 hours			4.5 hours			= 7.5
Student 5 -						1 hour	= 1
Student 6 -	3 hours			4.5 hours			= 7.5
Student 7 -	3 hours			4.5 hours	1.5 hours		= 9
Student 8 -					1.5 hours		= 1.5
Student 9 -					1.5 hours		= 1.5
Student 10-		3 hours		4.5 hours			= 7.5
				Semester 1 Total Hours			= 58

Semester 2 – 2019-2020:

Student		Courses		Dual Credit Hours			= Total Hours
Person	**ENG LIT**	**Soc**	**AM History**	**Stat or Trig**	**Computer**	**AG**	**= Total Hours**
Student 1 -	3 hours	3 hours	3 hours	4.5 hours			= 13.5
Student 2 -	3 hours						= 3
Student 3 -	3 hours					3 hour	= 6.0
Student 4 -	3 hours						= 3
Student 5 -						3 hour	= 3
Student 6 -	3 hours			4.5 hours			= 7.5
Student 7 -	3 hours			4.5 hours	1.5 hours		= 9
Student 8 -					1.5 hours		= 1.5
Student 9 -					1.5 hours		= 1.5
Student 10-		3 hours		4.5 hours			= 7.5
				Semester 2 Total Hours			= 55.5
				Projected Total Hours			= 113.5