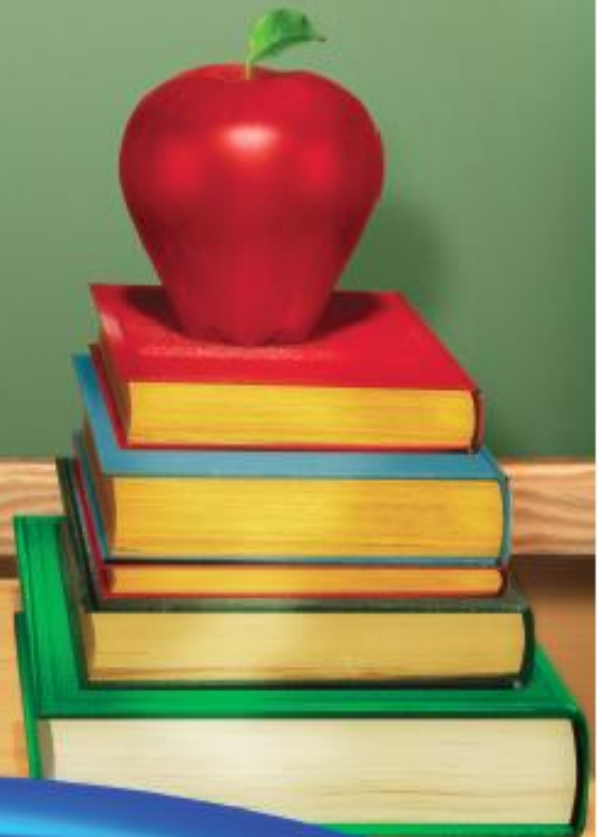


Education Registration Guide 2019-2020

Seward High School
Seward, NE



STATEMENT OF COMPLIANCE, NON-DISCRIMINATION AND AFFIRMATIVE ACTION REGARDING REGISTRATION PROCEDURES

Seward Public Schools does not discriminate on the basis of race, color, national origin, gender, age, disability, marital status, or based on such protected classes, in admission or access to, or treatment of employment or educational programs and activities. Any person having information or inquiries regarding any such discrimination is directed to contact Superintendent Dr. Josh Fields, in writing at 410 South Street, Seward, NE 68434 or by telephone at (402) 643-2941. Any person may also contact the Office for Civil Rights, U.S. Department of Education: by email at OCR.KansasCity@ed.gov; by telephone at (816) 268-0550; or by fax at (816) 268-0599, regarding complaints of discrimination based on race, color, national origin, gender, age, disability as well as complaints concerning the denial of access or other discrimination against Boy Scouts or other youth groups.

QUALIFYING INFORMATION AS PUBLISHED IN THE SEWARD HIGH SCHOOL REGISTRATION GUIDE

Timeline restraints require the registration guide to be printed and available by January. External and internal factors, which govern the educational programs for Seward High School, are constantly changing throughout the year. Consequently, information as stated in this registration guide may be changed as deemed necessary by the school officials. Information, i.e. prerequisites and course offerings, are examples of information that can be affected.

Dear Students and Parents/Guardians:

Seward High School has a proud tradition of offering an outstanding program of academic courses, athletic programs, and co-curricular activities. Our motto of *Every Student, Every Day, a Success* leads us to seek offerings that will best prepare students for life after high school. This course book provides a brief description of every course and the sequencing of courses designed by each department. We offer a wide-array of courses in all subject areas demonstrating our commitment to helping all students establish a broad foundation for success after high school.

High School course selection can play a significant role in a student's post-secondary options. We encourage you to consider your course selections carefully. In addition to meeting graduation requirements, students should select the most challenging courses that allow them to explore or strengthen areas of interest and prepare for post-secondary education and careers. It is critical for both students and parents to be involved in the course selection process. You are also encouraged to seek the advice and guidance of your counselor, teachers, and school administration as necessary during this process.

Student course selections as part of the registration process will guide the building of the master schedule. Therefore, we ask that you take great care in selecting the courses you wish to take the following year. Your careful selection will allow school staff developing the schedule to make the best decisions to serve you for the upcoming school year. This is also the reason why schedule change requests will be limited and rare.

The faculty and staff at Seward High School are here to support the success of every student. Please don't hesitate to solicit the advice and support of our staff to assist you in this process.

Sincerely,

Scott Axt

Jill Johnson

Scott Axt
Principal

Jill Johnson
Assistant Principal

TABLE of CONTENTS

| | |
|----------------------------------------------------|----|
| <i>Welcome to Seward High School</i> | 3 |
| Graduation Requirements | 5 |
| Grading | 6 |
| Class Rank Formula | 6 |
| Senior Recognition | 6 |
| Exclusions | 6 |
| Transferring Credits/Placement | 7 |
| Schedule Changes | 7 |
| <i>What Are Colleges Looking For in a Student?</i> | 8 |
| Top Factors Influencing Admission Decisions | 8 |
| State and National Standardized Testing | 9 |
| College Entrance Requirements | 11 |
| NCAA/NAIA ATHLETIC ELIGIBILITY | 12 |
| Post-Secondary Course Guide Key | 14 |
| <i>Agri-Science Education Department</i> | 15 |
| <i>Art Department</i> | 20 |
| <i>Business/Information Technology Department</i> | 24 |
| <i>English Department</i> | 29 |
| <i>Family & Consumer Sciences Department</i> | 36 |
| <i>Mathematics Department</i> | 40 |
| <i>Music Department</i> | 46 |
| <i>Physical Education Department</i> | 52 |
| <i>Science Department</i> | 56 |
| <i>Skilled and Technical Sciences Department</i> | 62 |
| <i>Social Studies Department</i> | 66 |
| <i>World Language Department (Spanish)</i> | 72 |
| <i>Period 5 Course Offerings</i> | 75 |
| <i>Additional Opportunities</i> | 76 |
| <i>College Credit in High School</i> | 78 |
| SENCAP Academies at Seward High School | 79 |
| Other Post-Secondary Opportunities | 86 |
| <i>APPENDIX</i> | 87 |

Welcome to Seward High School

Graduation Requirements

Graduation Requirements Checklist

Name _____

Graduation Year _____

| 235 Credit Hours | | | | | | | | | | | COMPLETED | |
|---------------------------------------|--------------------------|----|---------------------------|----|------------------------------|--|----------------------------|--|--|--|------------------|--|
| English (40 Hours) | 10 Hours English 9 | | 10 Hours English 10 | | 10 Hours English 11 | | 10 Hours during 12th grade | | | | | |
| Speech (5 Hours) | 5 Hours | | | | | | | | | | | |
| Mathematics (30 Hours) | 10 Hours | | 10 Hours | | 10 Hours during 11th grade | | | | | | | |
| Social Science (35 Hours) | 10 Hours World Geography | | 10 Hours American History | | 10 Hours American Government | | 5 Hours | | | | | |
| Science (30 Hours) | 10 Hours Biology | | 10 Hours Physical Science | | 10 Hours during 11th grade | | | | | | | |
| Personal Finance (5 Hours) | 5 Hours | | | | | | | | | | | |
| Health / PE (15 Hours) | Health | PE | | PE | | | | | | | | |
| Computer (5 Hours) | 5 Hours | | | | | | | | | | | |
| Vocational (5 Hours) | 5 Hours | | | | | | | | | | | |
| Arts / Foreign Lang. (5 Hours) | 5 Hours | | | | | | | | | | | |
| Electives (60 Hours) | 60 Hours | | | | | | | | | | | |

College Readiness:

Consider math beyond Algebra II

Minimum 2 years of Foreign Language + benefits of 4 years

One AP course or more is recommended for 4-year college bound students

Consider more years in areas of interest and specialization as well as Dual Credit options.

Grading

Senior Recognition

Seward High School recognizes the outstanding academic achievement of its graduating seniors in the following manner:

Summa Cum Laude – Graduating seniors with a cumulative G.P.A. of 4.0 or greater.

Magna Cum Laude – Graduating seniors with a cumulative G.P.A. between 3.833-3.999.

Cum Laude – Graduating seniors with a cumulative G.P.A. between 3.667-3.832.

Exclusions

The following are not included in the calculation of a student's grade point average:

- Courses completed by home-school students
- Correspondence courses from a non-accredited high school
- Audit courses
- Access periods
- Independent study
- Pass/No-Pass courses
- Resource

These exclusions receive no points. While enrolling in a pass/no-pass course, for example, may be appropriate for some students, students need to understand the impact of this on their cumulative GPA when developing a schedule.

| Seward High School 's letter grading system | | | |
|---------------------------------------------|--------------|-----------|-------------------|
| Grade Earned | Non-Weighted | *Weighted | Percentage Ranges |
| A+ | 4.0 | 5.0 | 98-100 |
| A | 4.0 | 5.0 | 95-97 |
| A- | 3.667 | 4.667 | 93-94 |
| B+ | 3.333 | 4.333 | 91-92 |
| B | 3.0 | 4.0 | 88-90 |
| B- | 2.667 | 3.667 | 86-87 |
| C+ | 2.333 | 3.333 | 84-85 |
| C | 2.0 | 3.0 | 80-83 |
| C- | 1.667 | 2.667 | 78-79 |
| D+ | 1.333 | 2.333 | 76-77 |
| D | 1.0 | 2.0 | 72-75 |
| D- | .667 | 1.667 | 70-71 |
| F | 0 | 0 | 0-69 |

* Weighted grades – Advanced Placement (A.P.) courses will be classified as weighted.

Transferring Credits/Placement

The appropriate level of placement for secondary students may be determined by, but not limited to, consideration of the following information:

- Chronological age
- Previous public school or private school experience
- Standardized achievement test data
- Criterion referenced test data
- Final examination test data
- Diagnostic test data

A student transferring into the school district in grades 9-12 will be responsible for meeting all graduation requirements to earn a high school diploma. Credits earned in grades 9-12 at an accredited school will be counted toward high school graduation requirements. Credits from a home school and/or a non-accredited school will not be counted toward high school graduation requirements.

The district administration, in conjunction with the building principal, will determine the appropriate grade level/credit status of a student transferring from a foreign country.

Schedule Changes

Each year, a new master schedule is created to accommodate students' course selections. Faculty members are employed, textbooks are purchased, the number of sections for each course offered is determined, and rooms are assigned on the basis of course requests. In short, accommodating the greatest percentage of student course requests is our highest priority during this process. Given that so much time, effort, and resources are devoted to accommodating student course registration requests, schedule changes will be limited and rare and will only occur at designated times.

What Are Colleges Looking For in a Student?

Preparing for college starts as early as the ninth grade, if not earlier. Parents and students often ask counselors, “What does it take for me to get into (Fill in the Blank) College?” That is a difficult question to answer, as competition has intensified for a spot at certain colleges, and it is hard to ascertain what factors colleges will emphasize in a particular year. We do know that colleges, especially those which are most competitive in admissions, seek students who are academically prepared for the rigors of college-level courses, who can contribute to their campus community, and who have a clear sense of why they are a good match for that college.

Top Factors Influencing Admission Decisions

Each year, the National Association for College Admission Counseling (NACAC) surveys colleges and universities to determine the top factors influencing admission decisions. Grades in college preparatory courses and strength of curriculum were considered by colleges to be the top factors in the admission decision, followed closely by admission test scores and grades in all courses. Nearly 87 percent of all colleges and universities rated grades in college prep courses as “considerably important,” followed by 71 percent for strength of curriculum, 58 percent for admission test scores, and 46 percent for grades in all courses. According to the 2016 “State of College Admissions Report,” the following factors, in order of importance, were:

1. Grades in college prep courses
2. Grades in all courses
3. Strength in curriculum
4. Admission test scores (ACT, SAT)
5. Essay or writing sample
6. Counselor recommendation
7. Student’s demonstrated interest
8. Teacher recommendation
9. Class rank
10. Subject test scores (AP)

SOURCE: NACAC Admission Trends Survey, 2016.

State and National Standardized Testing

What is right for me?

There are a number of standardized tests that are offered at Seward High School during the school year. Some of these tests are optional and some are required. Each test measures different student skills and/or college placements. Here is a rundown of the tests offered:

PSAT Test (preliminary SAT test)

- A national test that all sophomores take at school in October.
- An optional test open to all juniors
- Covers math, critical reading, and writing skills
- Junior scores on the PSAT are used as qualifying scores for the National Merit Scholarship competition.
- Student cost is approximately \$17.
- Students register in the Counseling Office.

ASVAB Test (Armed Services Vocational Aptitude Battery)

- An optional test open to juniors and seniors
- Given in the school district in October or by appointment with a military recruiter
- Covers aptitude and interests to give students an idea of their possible career options
- Students do not have to be planning a military enlistment to take the ASVAB but the military does use the results to determine appropriate career placement for enlistees.
- There is no cost to the student for the ASVAB test.
- Students register in the Counseling Office.

Accuplacer Test (ASSET Test)

- A placement exam for seniors planning to attend a community college
- Covers math, English, and reading
- Is offered at Seward High School in October or at SCC by appointment
- There is no cost to the student for the Accuplacer or ASSET test.
- Students register in the Counseling Office for the October test and at SCC for other test dates.

ACT Test (American College Test)

- One of two possible entrance exams required by most four-year colleges and universities.
- Covers English, reading, math, science reasoning and an optional writing section
- Test is scored on a scale of 1-36 with 36 being the top score; students are not penalized for guessing.
- Is offered at Seward High School in October, December, April, and June.
- Student cost is approximately \$51 for test and an additional \$16.50 for the writing section. Fee waivers are available for students on free and reduced lunch status.
- Students register online at www.actstudent.org.
- SHS juniors will be taking this test for state reporting purposes in April. The ACT will be reportable to colleges. This April in-school test administration is free of charge.

SAT Test (Scholastic Aptitude Test)

- One of two possible entrance exams required by most four-year colleges and universities.
- Covers math, critical reasoning, and writing.
- Test is scored on a scale of 200-800 with 800 points per section being the top score; students are penalized for guessing.
- Is offered at Lincoln Public Schools.
- Student cost is approximately \$47.50 and an additional \$17 for the writing section. Fee waivers are available for students on free and reduced lunch status.
- Students register online at www.collegeboard.com.

A.P. Tests (Advanced Placement Tests)

- Subject based tests in 34 different courses including English, math, science, social studies and computer science: Seward High School currently offers AP Calculus AB, and AP Literature and Composition, AP Biology, AP Statistics, AP Environmental Science, AP Music Theory, AP Human Geography, and AP U.S. History.
- Tests are optional for students enrolled in AP courses and are offered in May each year.
- Individual scores range from 1-5 with 5 being the best.
- Colleges/Universities may offer college credit for scores of 3 or better. It will vary from school to school so it is important for students to check with their schools of interest before signing up for AP tests.
- Student cost is approximately \$96 per test.
- Students register in the Counseling Office.

College Entrance Requirements

Summary of University of Nebraska Core Course Requirements:

| Category | Units | University Wide Requirements |
|----------------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| English | 4 | All units must include intensive reading and writing experience. |
| Mathematics | 3 | Algebra I, Geometry, Algebra II (NOTE: UNL requires one additional unit of math building on Algebra II) |
| Social Studies | 3 | Units that include one unit of American or World History and one additional unit of History, American Government, or Geography |
| Natural Sciences | 3 | At least two units selected from Biology, Chemistry, Physics, and Earth Sciences. (One of the above units must include laboratory instruction.) |
| Foreign Language | 2 | Both units must be in the same language. |
| Additional Academic Requirements | 1 | UNK – One unit chosen from any academic discipline. UNL Mathematics – One additional unit that builds on a knowledge of Algebra II (Trig, Prob/Stats, Pre-Calc, Calculus). |
| Total Units | 16 | *Unit = 1 year |

Students who are unable to take two years of foreign language in high school may still qualify for admission through a special process. These students will be required to take two semesters of foreign language at the University of Nebraska. These students must also complete 16 units of academic course work from the categories listed above.

NOTE: Other universities may have different requirements.

Summary of Concordia University Core Course Requirements

Students who enroll at Concordia University need to meet the graduation requirements at Seward High School to be accepted. Admissions personnel will review student transcripts to see which math, English, science, and foreign language courses were taken in high school for appropriate course selection in college.

NOTE: Other colleges may have different requirements.

NCAA ELIGIBILITY CENTER QUICK REFERENCE GUIDE



NCAA Division I Initial-Eligibility Requirements

Core Courses: (16)

- **Initial full-time collegiate enrollment *before* August 1, 2016:**
 - **Sixteen (16) core courses** are required (see chart below for subject-area requirements).
- **Initial full-time collegiate enrollment *on or after* August 1, 2016:**
 - **Sixteen (16) core courses** are required (see chart below for subject-area requirements).
 - Ten (10) core courses completed before the seventh semester; seven (7) of the 10 must be in English, math or natural/physical science.
 - These courses/grades are "locked in" at start of the seventh semester (cannot be repeated for grade-point average [GPA] improvement to meet initial-eligibility requirements for competition).
 - *Students who do not meet core-course progression requirements may still be eligible to receive athletics aid and practice in the initial year of enrollment by meeting academic redshirt requirements (see below).*

Test Scores: (ACT/SAT)

- Students must present a corresponding test score and core-course GPA on the sliding scale (see Page No. 2).
 - **SAT:** critical reading and math sections.
 - Best subscore from each section is used to determine the SAT combined score for initial eligibility.
 - **ACT:** English, math, reading and science sections.
 - Best subscore from each section is used to determine the ACT sum score for initial eligibility.
- All ACT and SAT attempts *before* initial full-time collegiate enrollment may be used for initial eligibility.
- **Enter 9999 during ACT or SAT registration to ensure the testing agency reports your score directly to the NCAA Eligibility Center. Test scores on transcripts will not be used.**

Core Grade-Point Average:

- Only core courses that appear on the high school's List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org) will be used to calculate your core-course GPA. Use this list as a guide.
- **Initial full-time collegiate enrollment *before* August 1, 2016:**
 - Students must present a corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.000) on Sliding Scale A (see Page No. 2).
 - Core-course GPA is calculated using the **best 16 core courses** that meet subject-area requirements.
- **Initial full-time collegiate enrollment *on or after* August 1, 2016:**
 - Students must present a corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.300) on Sliding Scale B (see Page No. 2).
 - Core-course GPA is calculated using the **best 16 core courses** that meet both progression (10 before seventh semester; seven in English, math or science; "locked in") and subject-area requirements.

| DIVISION I Core-Course Requirement (16) | |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| 4 | years of English |
| 3 | years of math (Algebra I or higher) |
| 2 | years of natural/physical science (1 year of lab if offered) |
| 1 | year of additional English, math or natural/physical science |
| 2 | years of social science |
| 4 | years of additional courses (any area above, foreign language or comparative religion/philosophy) |

| DIVISION I – 2016 Qualifier Requirements | |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>*Athletics aid, practice, and competition</i> | |
| • | 16 core courses <ul style="list-style-type: none"> ○ Ten (10) core courses completed before the start of seventh semester. Seven (7) of the 10 must be in English, math or natural/physical science. <ul style="list-style-type: none"> ▪ "Locked in" for core-course GPA calculation. |
| • | Corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.300) on Sliding Scale B (see Page No. 2). |
| • | Graduate from high school. |

| DIVISION I – 2016 Academic Redshirt Requirements | |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>*Athletics aid and practice (no competition)</i> | |
| • | 16 core courses <ul style="list-style-type: none"> ○ No grades/credits "locked in" (repeated courses after the seventh semester begins may be used for initial eligibility). |
| • | Corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.000) on Sliding Scale B (see Page No. 2). |
| • | Graduate from high school. |

NCAA Eligibility Continued:

A student may apply to the NCAA Eligibility Center at any time during his/her high school years. There is a \$50 registration fee for applying to the NCAA Eligibility Center. It is recommended potential NCAA student-athletes visit with a school counselor prior to registering for junior classes. NCAA Eligibility Center registration is recommended when a student is receiving serious recruiting interest from NCAA Division I and/or Division II schools. This application may be completed online at www.eligibilitycenter.org. The student must have his/her ACT or SAT scores sent to the NCAA Eligibility Center each time the test is taken. The NCAA Eligibility Center institution code is 9999.

All prospective student-athletes need to work with their school counselors and carefully plan their schedules each year to ensure NCAA eligibility. The NCAA eligibility rules and list of acceptable courses often change. It is the responsibility of the student to seek out the necessary information to make course selection decisions.

NAIA ATHLETIC ELIGIBILITY

All students planning to enroll in college as a freshman and wanting to participate in NAIA athletics must be certified by the NAIA Eligibility Center. The NAIA Eligibility Center will determine athletic eligibility based on academic record and the additional information provided by the athlete. It is the responsibility of the prospective student athlete to make sure the Eligibility Center has the documents it needs to certify his/her eligibility.

NAIA Eligibility Requirements (must be a high school graduate plus meet two of three requirements):

- 1) Achieve a minimum of 18 or the ACT or 860 on the SAT.
- 2) Achieve a minimum overall high school GPA of 2.0 on a 4.0 scale.
- 3) Graduate in the top half of the high school class.

A student may apply to the NAIA Eligibility Center at any time during his/her high school years. There is a \$80 registration fee for applying to the NAIA Eligibility Center. It is recommended potential NAIA student athletes visit with a school counselor prior to registering for junior year classes. NAIA Eligibility Center registration is recommended at the end of the senior year if committed to play an NAIA sport. This application may be completed online at www.PlayNAIA.org. The student must have his/her ACT or SAT scores sent to the NAIA Eligibility Center. The NAIA Eligibility Center institution code is 9876.

Seward High School Course Guide Color Key

Courses within the Seward High School course registration guide have been color coded to further help students and families in selecting an academic plan that most closely aligns with a particular post-secondary goal. The explanations below help to further define the meaning behind these various academic pathways. If you have questions regarding these recommended course sequences and how they fit within your unique post-secondary goal, you are encouraged to consult with your school counselor directly.

Rigorous Four-Year College Preparation Track/Course Offerings

Students completing courses in this track will have maximized their potential to prepare for the rigors of a four-year college education.

Standard Post-Secondary Education Preparation Track/Course Offerings

Students completing courses in this track will have been exposed to the minimum curriculum associated with ACT College and Career Readiness Standards. Students planning to attend any post-secondary institution will be required or it will be highly recommended that they complete these courses at a minimum.

Courses that Meet Basic Seward High School Graduation Requirements

Students completing courses in this track will have obtained the essential skills associated with obtaining a high school diploma.

Elective Course Offerings

The primary purpose of these course offerings is to provide an array of educational opportunities as students seek to identify, and pursue, a program of academic study. Elective course offerings in some cases may also move a student towards obtaining graduation requirements.

Elective Area Programs of Study/Recommended Course Sequences

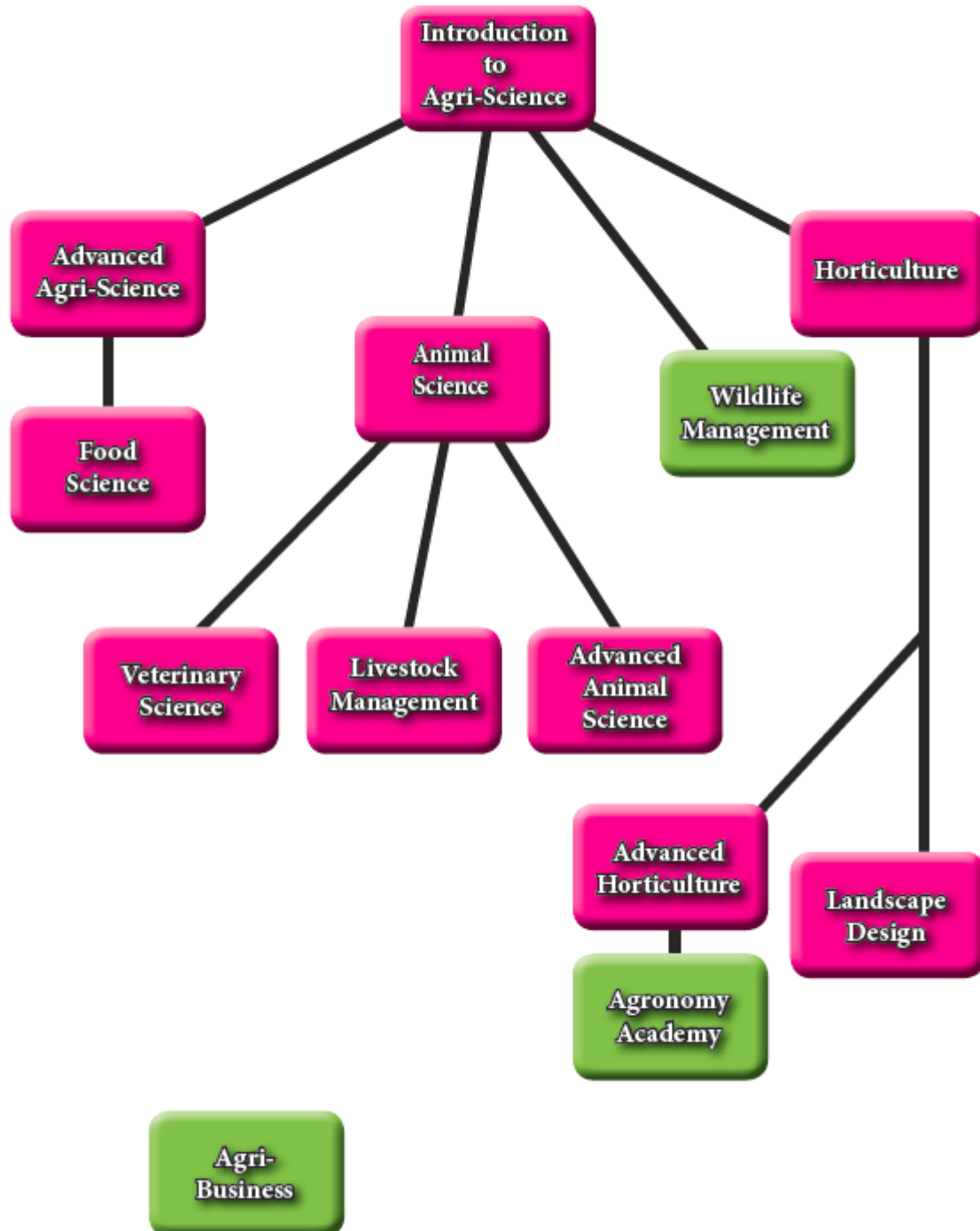
A program of study (POS) is a sequence of elective course offerings designed to prepare a student for a particular post-secondary education pathway or career area.

A recommended course sequence falls short of a fully defined career pathway, but still provides students with a sequence of course offerings that will prepare them for a particular area of post-secondary education or career.

Agri-Science Education Department

Seward High School's agricultural education department offers a variety of courses that enable a student to enroll in classes that hold a special interest or to prepare a student for a career in animal science, plant science, wildlife management, horticulture, or related areas. The utilization of field trips and community resources will be integrated into all classes when feasible.

Agri-Science Department Course Sequence Map



Course Name: Introduction to Agri-Science (CASE)
Course Number: 610
Duration: 1 Term
Grade: 9-12
Prerequisites: None
Note: CASE: Curriculum for Agricultural Science Education

This course is designed to introduce students to the many different areas of agriculture. Students will learn about FFA, leadership skills, animal science, plant science, natural resources, and food science in a hands-on approach.

Course Name: Animal Science (CASE)
Course Number: 615
Duration: 1 Term
Grade: 10-12
Prerequisites: Introduction to Agri-Science
Note: CASE: Curriculum for Agricultural Science Education

This course is a foundational-level course where students explore various species of animals. Throughout the course, students will develop a management guide for an animal of their choice. Topics include an introduction to livestock and small animal industries, animal handling, domestication, anatomy, and facility design.

Course Name: Advanced Animal Science (CASE)
Course Number: 617
Duration: 1 Term
Grade: 11-12
Prerequisites: Introduction to Agri-Science and Animal Science
Note: CASE: Curriculum for Agricultural Science Education; Not Offered in 2019-2020; Offered in 2020-2021

This course is designed for students who have an interest in veterinary science and building upon their knowledge of livestock production. Topics include animal diseases, nutritional practices, current medical practices in animal science, anatomy and physiology, genetics, and reproduction.

Course Name: Horticulture
Course Number: 631
Duration: 1 Term
Grade: 10-12
Prerequisites: Introduction to Agri-Science
Note: Students may earn college credit for this course if 16 years old or older. Student is responsible for college costs.

Horticulture is a beginning-level course that introduces students to the world of growing plants in a greenhouse and skills related to the science of plant production. Areas to be emphasized are greenhouse management, propagation and growing of plants, hydroponics, plant nutrition, pesticide management, and plant and tree identification.

Course Name: Advanced Horticulture
Course Number: 632
Duration: 1 Term
Grade: 10-12
Prerequisites: Introduction to Agri-Science and Horticulture

Note: Students are charged \$10 per term

Advanced Horticulture will introduce business procedures, design principles, and production techniques used in retail and wholesale floral businesses. Students will also be introduced to principles of landscape design, methods of establishing and maintain landscapes, and landscape business management.

Course Name: **Wildlife Management and Natural Resources**
Course Number: 681
Duration: 1 term
Grade: 11-12
Prerequisites: Introduction to Agri-Science
Note: Not Offered in 2019-2020; Offered in 2020-2021

Students will study wildlife management concepts and principles, conservation of natural resources and career opportunities in game management, forestry, and fisheries.

Course Name: **Food Science**
Course Number: 634
Duration: 1 Term
Grade: 11-12
Prerequisites: Introduction to Agri-Science
Note: Offered in 2019-2020; Not Offered in 2020-2021

This course prepares and engages students in scientific principles. Topics covered include food preservation, perishability, processing, product development, safety, deterioration, and selection. Other topics include product and by-products, grading and inspection, nutritional properties, biotechnology, and consumer health.

Course Name: **Companion Animal and Equine Science**
Course Number: 618Z
Duration: 2 Terms
Grade: 11-12
Prerequisites: Introduction to Agri-Science and Animal Science
Note: 5th Period, 44-minute class; Offered in 2019-2020; Not Offered in 2020-2021

Students will learn about companion animal and equine industries, including dog, cat, small animals and exotic animals. Basic anatomy and physiology, care, management, handling, nutrition, recreation, and career options will be explored.

Course Name: **Advanced Agri-Science (CASE)**
Course Number: 612
Duration: 1 Term
Grade: 10-12
Prerequisites: Introduction to Agri-Science
Note: CASE: Curriculum for Agricultural Science Education; Offered in 2019-2020; Not Offered in 2020-2021

Students in this course will evaluate their SAE (supervised ag experience), make improvements to it, and set goals for the future of it; learn about soil profiles and be able to identify different soil textures; study general plant science, horticulture, and be able to recognize several different types of house and garden plants; examine crop sciences and

understand the basics of corn, soybeans, and wheat; and will build an understanding for insects and their effects on plants and grain crops while identifying different kinds of insects.

Course Name: Landscape Design
Course Number: 633
Duration: 1 Term
Grade: 11-12
Prerequisites: Introduction to Agri-Science and Horticulture
Note: Offered in 2019-2020; Not Offered in 2020-2021

Students will be introduced to principles of landscape design, methods of establishing and maintaining landscapes, and landscape business management.

Course Name: Agri-Business
Course Number: 691Z
Duration: 2 Terms
Grade: 11-12
Prerequisites: Introduction to Agri-Science
Note: 5th Period, 44-minute class

This course prepares and engages students to take an in-depth look into today's agriculture industry through economic principles in agribusiness, planning an agribusiness and various career development practices. Students will also be exposed to various marketing techniques in agriculture and crop industries. Projects will include creating and marketing their own product to fit into Nebraska's current agricultural industries.

Course Name: Agronomy Academy – CA Crop & Food Science
Course Numbers: 920, 922
Duration: 1st and 2nd Terms
Grade: 11-12
Prerequisites: Introduction to Agri-Science
Note: Offered off-site; Application process for selection into class

The Agronomy Academy is a hands-on agricultural class designed to give students an overview of the agronomy industry. Students will become acquainted with career paths, major companies and the agricultural principals of the industry. Companies in support of this program are Monsanto, Syngenta, DuPont Pioneer, Dow AgriScience and Mycogen Seed. Topics may include disease, pest and weed management, plant growth and development, seed manufacturing and distribution, soil science, and much more.

The Agronomy Academy will meet on Monday, Tuesday, Thursday, and Friday at an off-campus location from 8:00-9:15. Wednesday classes meet at Seward High School working independently on various projects and experiential learning activities. While on site students will have the opportunity to be right in the middle of the action while learning the "ins" and "outs" of the seed industry. This will include opportunities to interact with professionals within the industry and to tour related businesses.

Course Name: Livestock Management and Evaluation
Course Numbers: 620Z
Duration: 2 Terms
Grade: 10-12
Prerequisites: Introduction to Agri-Science and Animal Science
Note: 5th Period, 44-minute class; Not Offered in 2019-2020; Offered in 2020-2021

Students will learn about the livestock industries, including cattle, dairy, sheep, poultry, goats, and swine. Topics covered include care, management, handling, nutrition, judging, and disease management. Students will have the opportunity to learn livestock judging techniques and practices as well as careers in the areas covered.

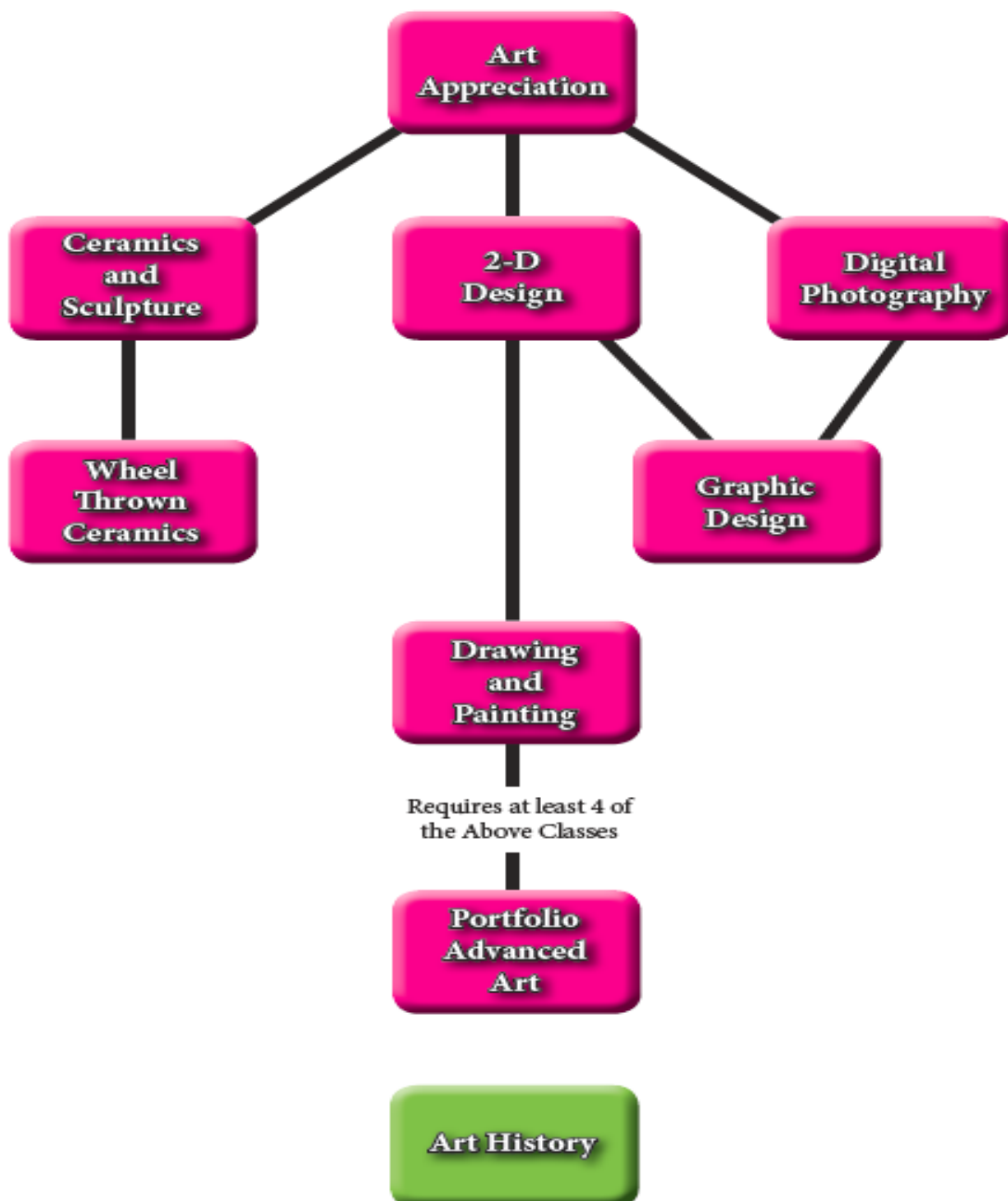
Course Name: **Veterinary Science**
Course Numbers: 621Z
Duration: 2 Terms
Grade: 10-12
Prerequisites: Introduction to Agri-Science and Animal Science
Note: 5th Period, 44-minute class; Not Offered in 2019-2020; Offered in 2020-2021

This course will develop students' understanding of the small and companion animal industry, animal anatomy and physiology, animal nutrition, animal reproduction, animal health, veterinary medicine, veterinary office practices, and animal services to humans. Career exploration will focus on veterinarian, veterinary lab technicians, office lab assistant, small animal production, research lab assistant, and animal nutrition lab technician. Students will have the opportunity to compete in the FFA Veterinary Science Career Development Event.

Art Department

There are several art classes for students interested in learning about art. The classes focus on three areas: skill development, art appreciation, and cultural awareness. Students will learn studio concepts and terminology as well as studying important works of art and artists. The goals of the art department are to increase the student's confidence and abilities in making and reading visual images; develop and use the student's divergent thinking and problem solving skills; develop the student's sensory appreciation for the environment; and teach the student the difference and uniqueness in themselves, other cultures, and world ideologies.

Art Department Course Sequence Map



Course Name: Art Appreciation
Course Number: 716
Duration: 1 Term
Grade: 9-12
Prerequisites: None
Note: Students are charged \$5 per term for supplies.

This course introduces students to the importance of art and artists. Students will discover the elements of art and learn to use a variety of art tools such as paint, clay, charcoal, and colored pencils. Students will be given a project that corresponds with the element of art the class is focusing on at the time and will be graded on effort, idea, and skill in the completion of the project. Students who successfully complete this course are encouraged to enroll in one of the advanced classes like 2-D Design, Sculpture & Ceramics, Drawing & Painting, or Photography.

Course Name: Two-Dimensional Design
Course Number: 717
Duration: 1 Term
Grade: 9-12
Prerequisites: Art Appreciation
Note: Students are charged \$5 per term for supplies.

This course is an introductory course that explores the principles of art, which are made from the elements of art previously explored in Art Appreciation. Students will learn how to create their own compositions in this class, while exploring new mediums like pen and ink, pastel, and spray paint. Students will be asked to use their problem solving skills and visual thinking skills to create unique compositions throughout each project. They will be graded on their effort, idea, and skill in the completion of the project. Students who successfully complete this course are encouraged to enroll in Drawing and Painting or Graphic Design when they are seniors or juniors.

Course Name: Ceramics and Sculpture
Course Number: 718
Duration: 1 Term
Grade: 9-12
Prerequisites: Art Appreciation
Note: Students are charged \$10 per term for supplies.

This course provides a hands-on approach to the elements of art. This introductory studio course incorporates a variety of 3D materials and techniques including additive, subtractive, assemblage, and relief sculpture techniques. Students will concentrate on developing design and composition skills for 3D works of art. Students in this course should have a good understanding of space, form, and texture. Students will explore both modern and famous sculptors while creating their own sculptures and will be graded in the areas of research, planning, effort, idea, and skill at the end of each project. Students who successfully complete this course are encouraged to enroll in Wheel Thrown Ceramics.

Course Name: Drawing and Painting
Course Number: 719
Duration: 1 Term
Grade: 10-12
Prerequisites: Two-Dimensional Design
Note: Students are charged \$5 per term for supplies.

This course is an advanced studio course that focuses on and emphasizes the development of the fine arts of drawing and painting. Students can expect to become better at drawing realistically and challenging their creativity through the use of still-lives, perspective drawings, portraiture, and abstraction. Students will work with mediums such as charcoal, graphite, oil paint, acrylic paint, watercolor, chalk pastel, and ink.

Course Name: **Wheel Thrown Ceramics**
Course Number: 720
Duration: 1 Term
Grade: 10-12
Prerequisites: Ceramics and Sculpture
Note: Students are charged \$10 per term for supplies.

This course provides a hands-on approach to learning about clay and the potter's wheel. This is an advanced studio course that requires self-motivation and patience. Students in this course will learn to throw cups, bowls, plates, and other functional materials on the potter's wheel as well as dabble in the methods of slab and coil building. Besides learning to throw clay on the potter's wheel, students in this course are expected to expand their knowledge of clay artists and techniques.

Course Name: **Graphic Design**
Course Number: 723
Duration: 1 Term
Grade: 10-12
Prerequisites: Two-Dimensional Design & Digital Photography
Note: None

This course introduces students to the booming industry of graphic design. Students in this course will explore both the artistic and corporate side of graphic design. Subjects covered in this class include logo development, typography, advertising, computer generated artwork, and working for a client. Students will learn how to navigate software programs such as Photoshop, Illustrator, and InDesign CS6 while completing weekly assignments. This course is ideal for students thinking of majoring in graphic design or business at the college level.

Course Name: **Digital Photography**
Course Number: 722
Duration: 1 Term
Grade: 10-12
Prerequisites: Art Appreciation
Note: Students are charged \$10 per term for supplies.

This course emphasizes the development of the artistic aspects of digital photography. Students in this course will learn to recognize and capture the elements and principles of art through the camera lens. Students will learn the major functions of a camera as well as how to run Adobe software like Bridge and Photoshop CS6. Each project will be graded on composition, idea, and computer editing skills. Please note that this course requires time outside of class to take the photos. Students successfully completing this course are encouraged to enroll in Graphic Design.

Course Name: **Portfolio Advanced Art**
Course Number: 724
Duration: 1 Term
Grade: 10-12
Prerequisites: Four Art Classes with a "B" or higher

Note: Students are charged \$5 per term for supplies.

This course emphasizes the development of a college portfolio. It is for motivated students who have taken at least four art classes and are interested in exploring a certain area more in-depth. Students can expect to prepare a college portfolio of work and apply for scholarships with the digital portfolio made in the course. They can also expect to produce six or more works of art using three different mediums.

Course Name: Art History
Course Number: 726
Duration: 1 Term
Grade: 10-12
Prerequisites: None
Note: None

This course will explore the History of Art from around the world. Students can expect to partake in readings, research, discussions, class projects, and tests. No creative skills are required.

Business/Information Technology Department

The Business/Information Technology Department at Seward High School offers a wide variety of courses to meet the many needs of our students and community. Students may enroll in these courses to develop personal-use or employable business skills. All Business/Information Technology courses teach and/or reinforce basic skills. Many students enroll in a business course to prepare themselves for advanced training at the college or post-secondary level. Consequently, many of the courses within the department have been organized in the pathways below to help students to strategically register for course sequences that best fit their goals after high school.

Business Department Course Sequence Map



Business Graduation Requirements

- Personal Finance
- Information Technology Applications I or Information Technology Fundamentals

Course Name: Accounting I
Course Number: 854
Duration: 2 Terms
Grade: 11-12
Prerequisites: Info Tech Apps II
Note: None

Accounting is the planning, recording, and analyzing of business transactions and finances. It involves the process of journalizing and posting transactions, preparing financial statements, working with cash management systems, and figuring and recording payroll and deductions. Students will utilize online working papers and excel spreadsheets to prepare accounting documents and homework.

Course Name: Introduction to Business, Marketing and Management
Course Number: 849
Duration: 1 Term
Grade: 9-12
Prerequisites: None
Note: None

Introduction to Business is a core course designed to give students an overview of the Business, Marketing and Management Career Field. This course is designed as an introductory study of business. Units of study include scope and function of business and economic systems, forms of business ownership, legal and ethical issues, and career opportunities.

Course Name: Entrepreneurship/Small Business Management
Course Number: 852
Duration: 1 Term
Grade: 10-12
Prerequisites: Introduction Business, Marketing and Management
Note: Offered in 2019-2020; Not Offered in 2020-2021

A course designed for students with a career interest in entrepreneurship. Emphasis is placed on the mastery of skills needed to plan, organize, finance, and operate an entrepreneurial enterprise. These skills include entrepreneurial skills, readiness skills, and business functions. Instructional strategies will include the development of a business plan. Other strategies may include the owning and operating of a virtual, simulated business.

Course Name: Personal Finance
Course Number: 843
Duration: 1 Term
Grade: 11-12
Prerequisites: None
Note: None

This is a course designed to assist students in personal financial management skills. Students learn to manage their resources and to make sound personal financial decisions. Units of study include budgeting, credit, insurance, saving, investing, banking, taxes, retirement planning, understanding pay and benefits, home ownership, career and college exploration, and interview skills.

Course Name: Economics
Course Number: 837
Duration: 2 Terms

Grade: 10-12
Prerequisites: Introduction to Business
Note: 2 Term Class Only, Offered 1st & 2nd Terms as a 1st Period Skinny; Not Offered in 2019-2020

Students in this course will study both micro- and macro-economics fundamentals. Economics focuses on the behavior of economic agents such as producers and consumers. Concepts to be taught, among others, include demand and supply, factors of production, production possibilities, economic systems, market equilibriums, market structures, labor market trends, banking, gross domestic product, international trade, monetary policy, and fiscal policy. Reading of supply and demand graphs will be practiced throughout this course, along with other math-related concepts.

Course Name: **Business Law**
Course Number: 853
Duration: 1 Term
Grade: 10-12
Prerequisites: None
Note: Not Offered in 2019-2020; Offered in 2020-2021

This is 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.

Course Name: **Sports and Entertainment Marketing**
Course Number: 852Z
Duration: 2 Terms
Grade: 10-12
Prerequisites: None
Note: 5th Period, 44-Minute Class

This course provides students with the marketing and management concepts, principles and practices used in the marketing and management of entertainment, visual and performing art venues, sports teams, and arenas.

Course Name: **Information Technology Fundamentals**
Course Number: 829
Duration: 1 Term
Grade: 9-12
Prerequisites: None
Note: None

This course provides students with a general introduction to computer operating system basics, digital citizenship, basics of Microsoft Office, the Google Suite, web design and various applications. Students will use Chromebook, IPAD, and Macbook in this course to gain an understanding of each device.

Course Name: **Information Technology Applications I**
Course Number: 831
Duration: 1 Term
Grade: 9-12
Prerequisites: None
Note: None

This course provides students with a variety of topics including: Appropriate use of technology and social media resources; keyboarding for accuracy and speed; Excel spreadsheets; presentation software; and G-mail basics including sending and receiving email, attachments, use of folders, and creating groups. Students will also utilize Microsoft Word to: Master basic editing and character formatting; paragraph formatting; managing text flow; creating tables, utilize themes, style sets, backgrounds, quick parts and text boxes; illustrations and graphics; proofing of documents; formatting research papers; and mail merge. Students will also take the Microsoft User Specialist Exam in Word to earn official certification in Office.

Course Name: Information Technology Applications II
Course Number: 832
Duration: 1 Term
Grade: 9-12
Prerequisites: Information Technology Applications I
Note: None

This course provides students with a variety of topics including: keyboarding for speed and accuracy; desktop publishing; designing basic business documents; and advanced cloud based file sharing and management. Students will also utilize Microsoft Excel to: Master basic and advanced formulas and functions; format cells and ranges; format and managing worksheets; work with data and macros; secure and share workbooks; create charts and graphs; and utilize pictures and graphics. Students will also be taking the Microsoft User Specialist Exam in Excel to earn official certification in Office. In addition, Microsoft Access will be utilized teach students to: design and create a database management systems; create tables, filters, queries, and reports; create forms; and enter and edit records.

Course Name: Web Design
Course Number: 830
Duration: 1 Term
Grade: 9-12
Prerequisites: Information Technology Applications I
Note: None

Students will demonstrate knowledge of web design and languages, including Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS) to create a content rich and visually pleasing website that captures and keeps visitors' interests. Focus will be given to effective page layout, image creation and manipulation, interactivity, content creation, and project management.

Course Name: Programming
Course Number: 836
Duration: 1 Term
Grade: 9-12
Prerequisites: Web Design
Note: None

Programming covers fundamental concepts of programming. These are provided through explanations and effects of commands and hands-on utilization of computers to produce correct output. This course introduces effective techniques necessary for efficient solution of a variety of complex problems using a high-level programming language. It includes problem descriptions, flow charts, hierarchy diagrams, pseudo code, and program documentation as a means of solving these problems. This course emphasizes the creation of efficient algorithms through fundamental programming techniques such as input/output handling, programming

structures, and data storage. Students are introduced to project management techniques, including standard debugging techniques and collaborative programming strategies.

Course Name: **Web Design Development**
Course Number: 835Z
Duration: 1 Semester
Grade: 10-12
Prerequisites: Web Page Design
Note: 5th Period, 44-Minute Class

Web Design Development is designed for students interested in developing advanced Web page design skills. Student will work both independently and as a class in order to develop a variety of Web design skills. Students will be expected to produce work and conduct themselves in a businesslike manner, work with a minimum of supervision, and complete units of work as selected and assigned.

Students will be expected to use word-processing, spreadsheet, desktop publishing, and graphic editing skills in order to successfully work in Web design applications. Throughout this course, students will use current technologies for adding interactivity to their projects and to participate in the course, to complete projects, and to collaborate with other students. This course is not intended for the beginning computer user.

Course Name: **Microsoft Academy – Office User Specialist (Word, Excel, and PowerPoint)**
Course Number: 833Z
Duration: 2 Terms
Grade: 10-12
Prerequisites: Information Technology Applications I & II
Note: 5th Period, 44-Minute Class; Pass/fail course. In order to pass, students must pass a certification exam to become a Microsoft Office User Specialist

This is a self-paced course designed to allow students to earn their User Specialist endorsement from Microsoft in Word, Excel, and/or PowerPoint. Students will use their time to complete online curriculum provided by Microsoft. At the completion of the curriculum for each program (i.e. Word, Excel, and PowerPoint) students will test in order to receive a professional certification.

Course Name: **Microsoft Academy – Office User Expert (Word, Excel, and PowerPoint)**
Course Number: 834Z
Duration: 2 Terms
Grade: 10-12
Prerequisites: Microsoft Academy Office Specialist certification
Note: 5th Period, 44-Minute Class; Pass/fail course. Must be Microsoft Office User Specialist certified. In order to pass, students must pass a certification exam to become a Microsoft Office User Expert.

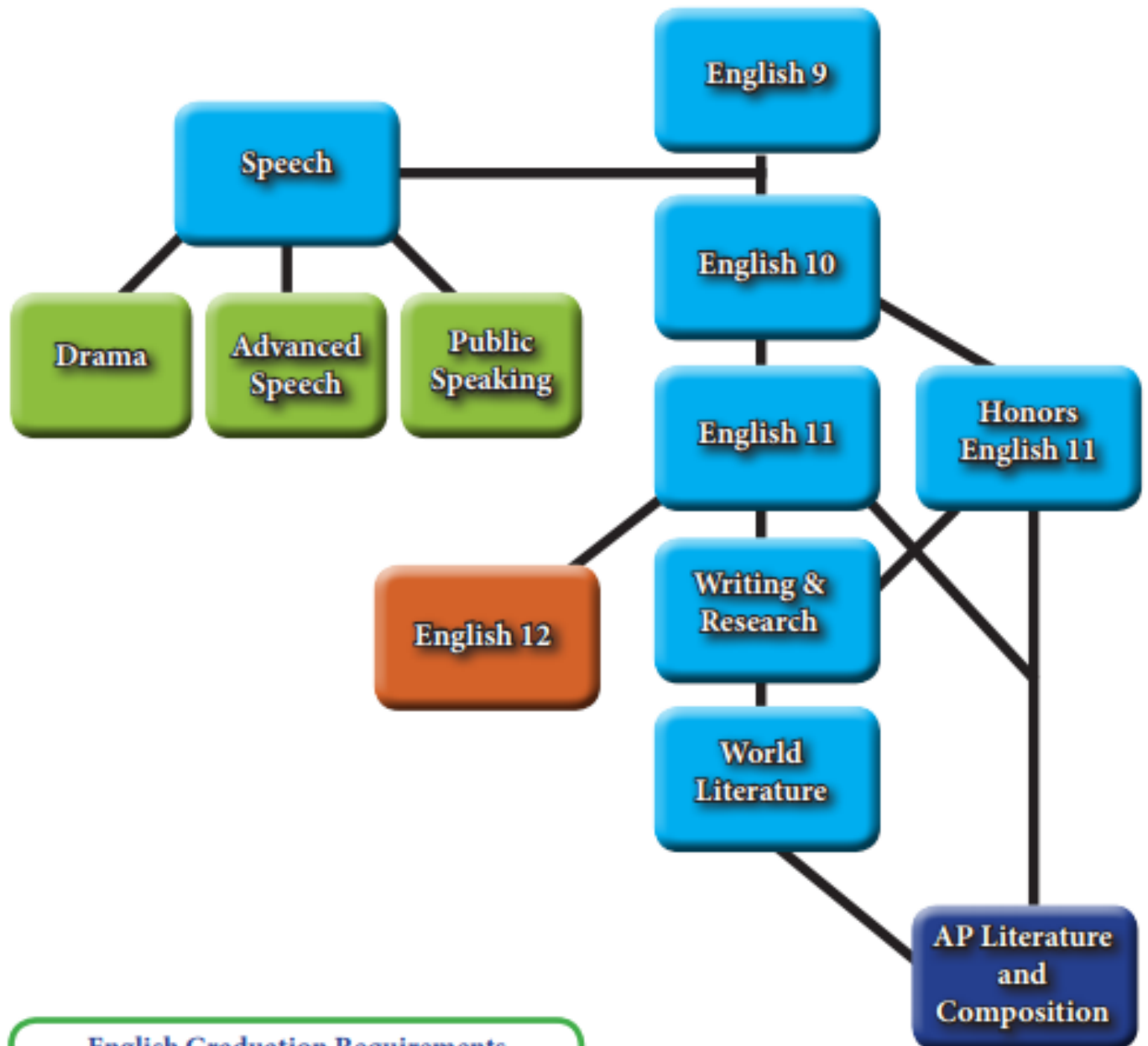
This is a self-paced course designed to allow students to earn their User Expert certification from Microsoft in Word and Excel. Students will complete online curriculum provided by Microsoft. At the completion of the curriculum for each program (i.e. Word and Excel) students will test in order to receive their professional certification.

English Department

The English department strives to develop important analytical and composition skills necessary for educational and vocational success, as well as an appreciation of literature. Students will develop their reading, writing, listening, speaking, research, and technology skills in order to be successful lifelong learners.

| Course # | Course Name | Credits | Grade | Graduation Requirement | Prerequisites | ACT Core | College Prep Recommended |
|-------------------------|-------------------------------|---------|-------|------------------------|-------------------------------------------|----------|--------------------------|
| 120 | English 9 | 10 | 9-12 | X | | X | X |
| 121 | English 10 | 10 | 10-12 | X | English 9 | X | X |
| 131 | English 11 | 10 | 11-12 | X | English 10 | X | X |
| 132 | Honors English 11 | 10 | 11 | | English 10 | X | X |
| 145 | English 12 | 10 | 12 | 10 Credits | English 11 | X | |
| 143 | AP Literature and Composition | 10 | 12 | | X | X | X |
| 146 | World Literature | 5 | 12 | | English 11 | X | X |
| 147 | Writing and Research | 5 | 12 | | English 11 | X | X |
| 151 | Speech | 5 | 10-12 | X | | | X |
| 152 | Advanced Speech | 5 | 11-12 | | Speech | | |
| Period 5 Courses | | | | | | | |
| 154Z | Public Speaking | 5 | 10-12 | | Speech | | |
| 162Z | Drama | 5 | 10-12 | | Speech | | |
| 160Z | Multimedia | 5 | 10-12 | | Teacher Approval | | |
| 124Z | Short Stories | 5 | 10-12 | | "C" or better in previous English courses | | |
| 134Z | Multicultural Literature | 5 | 11-12 | | "C" or better in previous English courses | | |
| 125Z | Nonfiction Literature | 5 | 10-12 | | "C" or better in previous English courses | | |

English Department Course Sequence Map



- English Graduation Requirements**
- English 9
 - English 10
 - English 11 or Honors English 11
 - + 10 Senior English Credits
 - Speech
 - Students planning to attend a post-secondary institution are encouraged to complete Writing & Research and World Literature or AP Literature and Composition. Students planning to attend a four-year college are strongly encouraged to complete AP Literature and Composition.

- | | |
|---------------------------------|----------------------|
| Non-Fiction Literature | Short Stories |
| Multicultural Literature | Multimedia |

Course Name: English 9
Course Number: 120
Duration: 2 Terms
Grade: 9-12
Prerequisites: None
Note: None

This required course emphasizes students' development in reading comprehension and fluency, in addition to the various modes of writing, academic and content area vocabulary, proper grammar usage, and speaking and listening strategies. This course includes projects covering in-depth analysis and discussion of fiction and non-fiction, poetry, drama, and informative reading materials. Students will practice the various modes of writing (including argument, narrative, literary criticism, and poetry) to specifically improve their academic writing skills through research and writing practices. Students will also complete various vocabulary activities to demonstrate understanding of academic and content-area terminology, in addition to grammar exercises to better understand how to most effectively communicate their ideas. Students successfully completing this course will be prepared to enroll in subsequent English courses.

Course Name: English 10
Course Number: 121
Duration: 2 Terms
Grade: 10-12
Prerequisites: English 9
Note: None

This required course introduces students to the major themes of American literature and literary vocabulary through short stories and novels. Students will read a variety of short stories and novels, being exposed to 20th century literature including Nebraska authors. This course emphasizes the development of a variety of writing skills, development of grammar and vocabulary. Students will recognize the use of symbols in literature. Multi-media will be introduced to students through research projects and presentations. Students will write a short research paper.

Course Name: English 11
Course Number: 131
Duration: 2 Terms
Grade: 11-12
Prerequisites: English 10
Note: None

English 11 is a required course that continues the development of reading and writing skills, and vocabulary development. Students will review and continue to study the structural elements of the novel, and have the opportunity to read closely and analytically. English 11 readings will explore the idea of the hero, through the classic archetype, the anti-hero, and the Shakespearean tragic hero. They will also read satirical articles and several multi-cultural short stories. Students will receive structure and style instruction in composition, and have a comprehensive review of grammar. Along with several smaller writings, students will write a short research paper and a literature analysis.

Course Name: Honors English 11
Course Number: 132
Duration: 2 Terms
Grade: 11

Prerequisites: English 10 and Teacher Recommendation
Note: May take the place of English 11 for graduation requirements. "C" or higher in previous English classes

Honors English 11 focuses on developing the reading and comprehension skills needed for collegiate-level courses, such as an explanation of and practice with analysis, argument, and synthesis, including recognizing how connotation, diction, and tone reveal a writer's attitude or purpose; a short research paper; and a literature analysis. This course will use mythology, poetry, a novel, and a Shakespearean play to examine the concept of hero (classic hero, anti-hero, and tragic hero); poetry and short stories to explore different cultural perspectives; and the writing of Edgar Allan Poe to look at 19th century literature. Students will do more writing, vocabulary study, and complex texts than the standard English 11 course. It is not a requirement for AP Literature and Composition, but would be helpful to students planning on doing collegiate-level work.

Course Name: English 12
Course Number: 145
Duration: 2 Terms
Grade: 12
Prerequisites: English 11
Note: None

This course introduces students to reading and writing related to the work force. The course provides a hands-on approach to occupational writing – letters of application, resumes, etc. Students will also be required to produce various types of writing and will use peer editing extensively to promote clarity and structural correctness. Students will read a variety of short stories, novels, current events, and news articles. Creative writing is also a part of this class, incorporating the various uses of technology and multi-media. Enrollment in this class will be based on performance in English 11 and teacher permission. This class is not designed for students planning to enroll in a four-year college.

Course Name: World Literature
Course Number: 146
Duration: 1 Term
Grade: 12
Prerequisites: English 11 or Honors English 11
Note: Students enrolling in AP Literature and Composition must take this course in Term 2.

In drama, poetry and novel study, the students look at representative works from several genres, periods and cultures, concentrating on works which challenge them to increase their comprehension skills, to develop critical standards for the independent appreciation of any literary work, and to deepen their sensitivity to literature as a shared experience. The students will also continue vocabulary development using a variety of strategies including context analysis and the knowledge of Greek and Latin roots. World Literature and Writing/Research fulfill the requirement for college preparation.

Course Name: Writing/Research
Course Number: 147
Duration: 1 Term
Grade: 12
Prerequisites: English 11 or Honors English 11
Note: None

The general objectives of this course are to enable students to write with mechanical correctness and to practice in order to improve clear writing skills through a variety of assignments including personal, essay, critical and research writing, as well as research-based multimedia presentations. In the research paper assignment the students will be encouraged to view writing as a developed discipline that includes collecting information, formulating ideas and determining their relationship, drafting paragraphs and arranging them in an appropriate order, and correctly citing and identifying sources. Writing/Research and World Literature fulfill the requirement for college preparation.

Course Name: **Advanced Placement Literature and Composition**
Course Number: 143
Duration: 2 Terms
Grade: 12
Prerequisites: Teacher, Parent or Self-Nomination
Note: Offered 3rd & 4th Terms

In Advanced Placement English, students are engaged in explications of poems or selected prose passages, comprehension exercises based on these passages, and thematic analysis of whole novels, plays, and short stories. The composition assignments stress synthesis skills, namely, ordering ideas into a logical pattern, developing theme with pertinent and valid detail, and effectively communicating them to the reader with clarity and fluency. Students write frequent essays in class on former Advanced Placement examination questions and complete both a research paper and an English critical paper. Students may take the Advanced Placement English Examination in Literature and Composition for the opportunity to receive college credit. They may also take this course for dual credit with Concordia University.

Course Name: **Speech**
Course Number: 151
Duration: 1 or 2 Terms
Grade: 10-12
Prerequisites: None
Note: Offered as a Full Block or 44-Minute Class

This course introduces students to the process of speech communication and public address. Students will research and present speeches developed with basic organizational structures. They will prepare and deliver informative, entertaining, and persuasive speeches, and be required to study a variety of other examples and speech offerings. Units of study will include: communication theory; movement and bodily action; basic organization; use of audiovisual materials for public speaking; voice and listening skills; library research; methods of delivery and leadership skills and group dynamics.

Course Name: **Advanced Speech**
Course Number: 152
Duration: 1 Term
Grade: 10-12
Prerequisites: Speech <https://youtu.be/payGqQBiyIq>
Note: 5th Period, 44-Minute Class Offered 1st & 2nd Terms



This course emphasizes the continued development of speech communication with an emphasis on speeches for competitive events. The desired goals of the speaking assignments are to perfect organizational and research skills and to develop the students' verbal and non-verbal communication skills so that he/she can speak in a clear, coherent and persuasive manner. Students will also experience group problem solving and parliamentary procedure

activities. Students will be required to compete in two public competitive events. Units of study will include: group problem solving; organization review; non-verbal technique review; and persuasive and informative speeches.

Course Name: **Short Stories**
Course Number: 124Z
Duration: 1 Term
Grade: 10-12
Prerequisites: English 9
Note: None

This advanced elective course focuses on the evolution of short stories as a literary form. While heavily influenced by the American canon, it incorporates noteworthy stories of other countries as well as contemporary works. In this class, students will focus on literary analysis and criticism as well as individual short story composition and writers' workshops.

Course Name: **Multicultural Literature**
Course Number: 134Z
Duration: 2 Terms
Grade: 11-12
Prerequisites: English 9, English 10
Note: None

As an elective course, Global Literature explores cultures and works not otherwise covered in World Literature. The class would focus primarily on short stories, essays, poems, and TED talks from authors not from American or Great Britain. It includes reading comprehension exercises, literary criticism, and individual composition.

Course Name: **Nonfiction Literature**
Course Number: 125Z
Duration: 1 Term
Grade: 10-12
Prerequisites: English 9
Note: None

This course will engage students with a variety of nonfiction formats of communication. Students will read memoirs, collected essays, magazine articles, and blogs while experimenting with their own writing in these formats.

Course Name: **Multimedia**
Course Number: 160Z
Duration: 2 or 4 Terms
Grade: 10-12
Prerequisites: Teacher Approval – Application in January
Note: 5th Period, 44-Minute Class

This course is designed to give students an understanding of print and digital mediums. Students will learn the basics of multimedia writing, editing, photography, videography, and broadcasting arts while engaging in the opportunity to pursue one or two areas in depth. This class will also allow students to engage with an authentic audience through *The Source*, Class Intercom, and Striv TV.

Course Name: **Drama**
Course Number: 162Z

Duration: 2 Terms
Grade: 10-12
Prerequisites: Speech
Note: 5th Period, 44-Minute Class Offered 1st & 2nd Terms

This course introduces students to a variety of drama offerings and experiences. The general objective of the class is to educate the student on the history of drama vocabulary and evolution of the theater, as well as allowing an opportunity to explore a variety of aspects of theater. Students will select, develop, and prepare for public performance and competition, critique presentations, and prepare cuttings. Students will be required to be involved in two public presentations. Memorization is required.

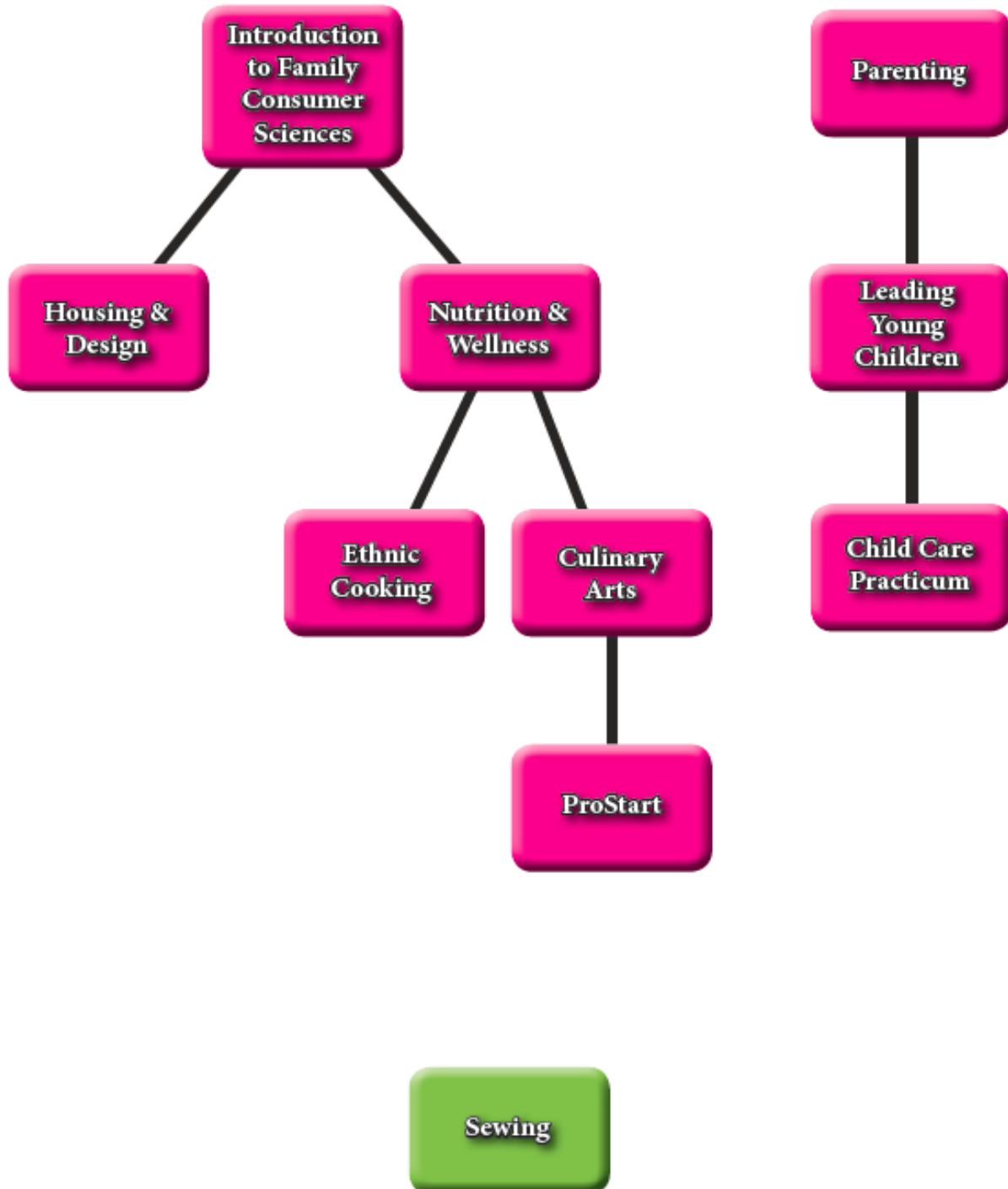
Course Name: **Public Speaking**
Course Number: 154Z
Duration: 2 Terms
Grade: 10-12
Prerequisites: Speech
Note: 5th Period, 44-Minute Class Offered 3rd & 4th Terms

This course emphasizes the development of the student as a competitive speaker and is designed for students interested in competitive speech, willing to memorize presentations, and spend time outside of class in competitive events. Students will prepare for a minimum of two of the nine NSAA competitive events, as well as for other contests that are offered.

Family & Consumer Sciences Department

Students in Family and Consumer Science classes will gain life skills. The skills learned will vary with each particular class, but each will combine the content with intellectual skills such as reading, writing, concept analysis, practical reasoning and other thinking skills. Family and Consumer Sciences is the only area dealing with the totality of the family, using knowledge to improve the quality of family life.

Family & Consumer Sciences Department Course Sequence Map



Course Name: Introduction to Family and Consumer Science
Course Number: 1223
Duration: 1 Term
Grade: 9-12
Prerequisites: None
Note: None

This course is intended to enable students to have a broad scope of experiences that will provide an overview and fundamental knowledge and essential skills of human sciences with a foundation but not limited to family and consumer sciences. Students will explore career possibilities and develop a personal learning plan. Students will practice basic life and career readiness skills and learn to apply them to personal life situations.

Course Name: Nutrition and Wellness
Course Number: 1210
Duration: 1 Term
Grade: 9-12
Prerequisites: Introduction to Family and Consumer Science
Note: Students are charged \$15 per term for consumable supplies.

Students will examine situations/crises affecting the family such as death, divorce, abuse, or addictions. Units studied will be determined by the needs of the students. Other concepts addressed will be crises, family, stress, and communication. This class will expose students to typical life situations affecting the family.

Course Name: Parenting
Course Number: 1218
Duration: 1 or 2 Terms
Grade: 9-12
Prerequisites: None
Note: 90-minute class or 5th Period, 44-Minute Class, Offered 1st & 2nd Terms

Students will gain insight into the question “Am I parent material?” through a series of activities. They will follow development of the unborn from conception to birth, then proceed to study the physical, social, mental, and emotional development of the child from age 0–5 years. Special topics of student interest will be studied as time allows. These may include, but are not limited to, infertility, birth defects, selection of toys/books, and careers related to children. Students will conduct a preschool for young children. Field trips in the community may be taken if time allows. Critical thinking skills will be integrated into the study.

Course Name: Leading Young Children
Course Number: 1227
Duration: 1 Term
Grade: 10-12
Prerequisites: Parenting - 86%+ or Instructor Permission
Note: None

Students will gain hands-on experiences related to guiding and directing young children. Part of the term will be spent studying what makes an effective preschool environment and learning experience. The remaining 5–6 weeks of the term will be spent conducting a preschool for 3–5 year olds. Students will be in charge of the preschool learning experience for one day. They also will visit/observe three or four different daycare/preschools that provide care for young children.

Course Name: **Child Care Practicum**
Course Number: 1242
Duration: 1 Term
Grade: 11-12
Prerequisites: Leading Young Children: 86%+ & Instructor Approval
Note: None

Students will apply principles gained in Parenting and Leading Young Children classes. They will discover individual strengths/weaknesses as they relate to career choice and exploration of early childhood careers. This is a hands-on activity where students work with children either in a day-care or school setting carrying out the tasks designated by the teacher/supervisor. Possible work sites include an elementary school and/or a day-care facility.

Course Name: **Housing and Interior Design**
Course Number: 1231
Duration: 1 Term
Grade: 10-12
Prerequisites: Introduction to Family and Consumer Science
Note: Offered in 2019-2020; Not Offered in 2020-2021

This course provides instruction in the physical, physiological, and social influences of housing styles and options; exterior and interior design; selection, use, and care of home furnishings and equipment; use of available resources for achieving improved living space to meet individual and family needs; and exposure to careers related to housing and interior design.

Course Name: **Culinary Arts**
Course Number: 1229
Duration: 1 Term
Grade: 11-12
Prerequisites: Nutrition and Wellness or Sports Nutrition: 86%+ or Instructor Permission
Note: Students are charged \$20 per term for consumable supplies.

This course is designed to provide students with curriculum, which is focused on the food-service industry and provides training in workplace and culinary skills, baked skills, food safety and sanitation, interpersonal and communication skills, as well as an exposure to the areas of restaurant management and career exploration.

Course Name: **Pro Start 1**
Course Number: 1228
Duration: 1 Term
Grade: 11-12
Prerequisites: Culinary Arts: 86%+ or Instructor Permission
Note: Students are charged \$20 per term for consumable supplies. Not Offered in 2019-2020; Offered in 2020-2021

Students will study sports through sports heroes of the past and present and student generated Power Point presentations on various sports. They will examine how proteins, carbohydrates and fats are to be used to the best advantage for the athlete's diet. Other topics addressed are body composition, ways to build muscle, and weight loss/gain. Students will address the importance of liquids to their performance and how to prevent sports injuries. Careers related to sports will be included through the use of speakers who work with athletes in our community. Students will practice principles learned in lab situations twice per week.

Course Name: Ethnic Cooking
Course Number: 1215
Duration: 1 Term
Grade: 10-12 <https://youtu.be/GyYQd7lv-hq>
Prerequisites: Foods/Nutrition Course, Introduction to FCS
Note: Students are charged \$15 per term for consumable supplies. Offered in 2019-2020; Not Offered in 2020-2021



Students will study the foods from around the world and become more familiar with their culture by studying the people, the geography/climate of the country; and family customs/beliefs. They will learn new cooking techniques as they make foods common to the region. Students will engage in lab activities two times per week.

Course Name: Sewing (Textiles, Construction, and Design)
Course Number: 1244Z
Duration: 2 Terms
Grade: 10-12
Prerequisites: None
Note: 5th Period, 44-Minute Class 3rd & 4th Terms

This class is designed to read technical directions related to constructing items using the sewing machine. Students will need to purchase their own materials to construct crafts, gifts, or clothing items. This can be kits they purchase or material/patterns. Sewing machines will be provided. The class can meet the needs of a beginning sewer or the more advanced sewer. Examples of third-term projects include bean bags, pin cushions, potholders, and bags. Examples of fourth-term projects include constructing a garment and inserting a zipper. Projects will increase in difficulty throughout the course.

Mathematics Department

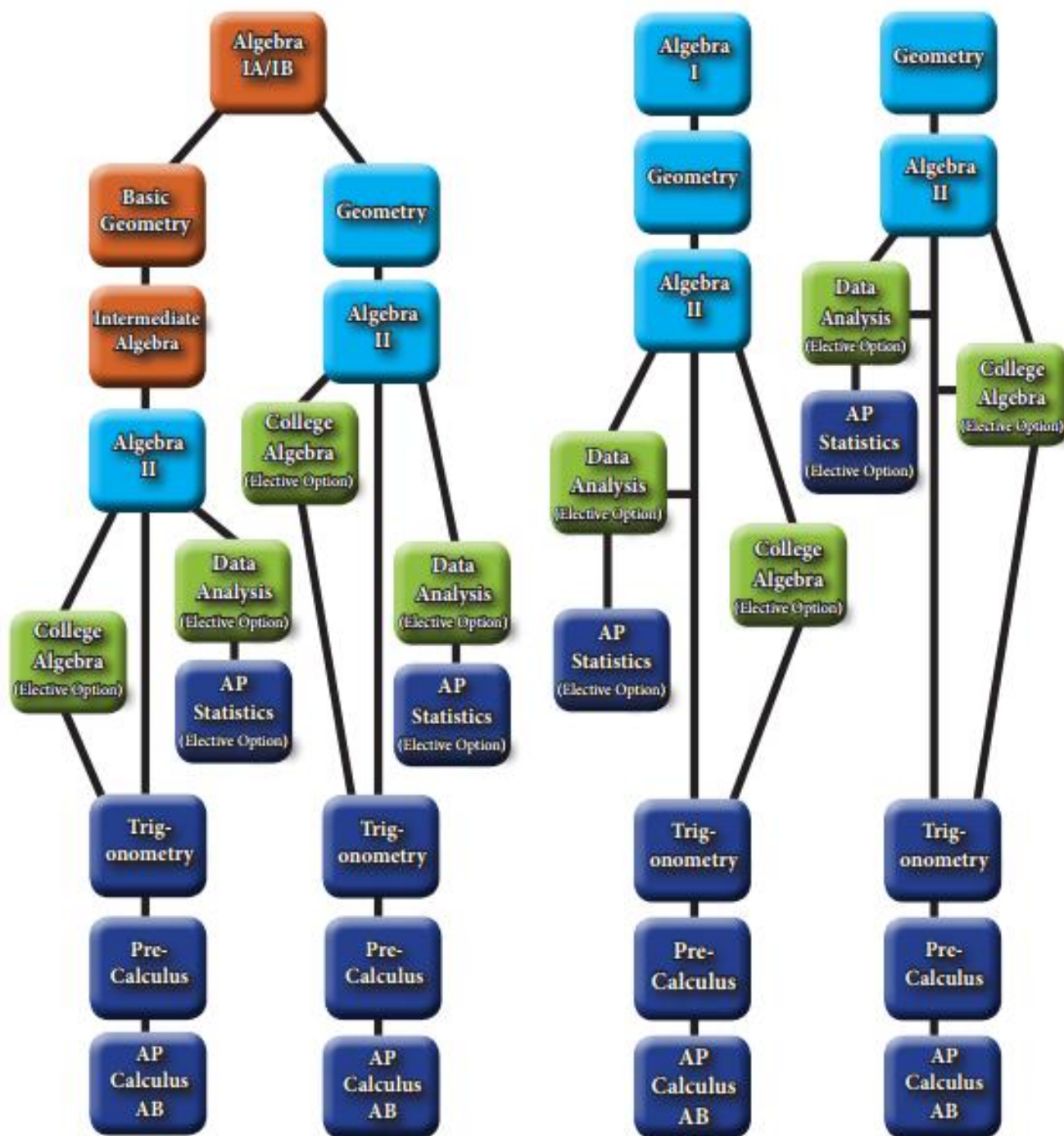
The math curriculum begins with the philosophy that mathematics is an essential continual process in every aspect of a person's professional and personal life. The Seward High School program seeks to make math relevant by moving students from their experiences in the real world to the world of math through the use of manipulative and technological advances (calculators, computers, etc.). The math program focuses on practical mathematics that students can appreciate, relate to, and use as a consumer or professional.

The mathematics department is responsible for assessing individual student achievement on Nebraska State Standards regarding mathematics. The ACT will be taken in the spring of a student's junior year. Therefore, students must strive to enroll in (as a minimum) Intermediate Algebra or Algebra II by the end of their junior year of high school.

The math program has six separate but interrelated goals: to teach sound mathematical skills; to provide for individual differences; to allow each student to experience a sense of achievement; to provide distributive practice on all objectives; to provide opportunities for students to demonstrate mathematical comprehension through writing; and to provide problem solving skills in all classes.

| Course # | Course Name | Credits | Prerequisites | ACT Core | College Prep Recommended |
|----------|---------------------------------------------------------|---------|----------------------------------|----------|--------------------------|
| 233/234 | Algebra IA/Algebra IB | 20 | | X | X |
| 230 | Algebra I | 10 | | X | X |
| 220 | Basic Geometry | 10 | Algebra I or IA/IB | X | |
| 221 | Geometry | 10 | Algebra I or IA/IB | X | X |
| 250 | Intermediate Algebra | 10 | Basic Geometry or Geometry | X | X |
| 231 | Algebra II | 10 | Geometry or Intermediate Algebra | X | X |
| 239 | College Algebra (Student/Parent Expense) | 5 | Algebra II | X | X |
| 247 | Data Analysis | 5 | Algebra II | X | X |
| 241 | Trigonometry | 5 | Algebra II | X | X |
| 245 | Pre-Calculus | 5 | Trigonometry | X | X |
| 244 | AP Calculus AB | 15 | Pre-Calculus | X | X |
| 248 | AP Statistics | 5 | Data Analysis | X | X |
| 9028 | Calculus II (Concordia Campus) (Student/Parent Expense) | 0 | AP Calculus AB | X | X |

Math Department Course Sequence Map



- Math Graduation Requirements**
- 30 Credits
 - Students planning to attend a post-secondary education institution are encouraged to complete math course work through Algebra II at a minimum. Students planning to attend a four-year college are strongly encouraged to complete math course work through, at least, Pre-Calculus.
 - All Juniors are strongly encouraged to be enrolled in two terms of math.

Calculus II
(Concordia University)
(Elective Option)
Student/Parent pay tuition/book fees from Concordia

Course Name: Algebra IA/Algebra IB
Course Number: 233/234
Duration: 4 Terms
Grade: NA
Prerequisites: None
Note: None

This course will cover the same material as Algebra I, but will proceed at a slower pace. Students will continue to develop their algebraic skills, expand their understanding of mathematical concepts, improve logical thinking, and use connections to geometric concepts. A student will take either Algebra I or Algebra IA/IB, but not both.

Course Name: Algebra I
Course Number: 230
Duration: 2 Terms
Grade: NA
Prerequisites: None
Note: None

Students will continue to develop their mathematical skills, including solving, graphing, and understanding equations. Students will learn about each family of functions, with emphasis on linear and quadratic functions. Students will learn to model real-world situations using mathematical functions. There will also be lessons on probability and data analysis.

Course Name: Basic Geometry
Course Number: 220
Duration: 2 Terms
Grade: NA
Prerequisites: Algebra I or Algebra IA/IB
Note: Basic Geometry is not intended for the student preparing to attend a 4-year college; it is intended for students completing Algebra IA/IB or earning a "D" in Algebra I. If a geometry course has not been previously completed, a student will be enrolled in Basic Geometry during their junior year to prepare for the required state ACT.

This course will cover the same basic material as geometry, but will not be as in-depth. There will be more emphasis on algebra-based geometry and less emphasis on theorem-based geometry.

Course Name: Geometry
Course Number: 221
Duration: 2 Terms
Grade: NA
Prerequisites: Algebra I or IA/IB or MS Equivalent
Note: Students are recommended to have earned a "C" or better in Algebra I.

This course is the study of two- and three-dimensional figures where students work with problem situations and apply properties to these figures. Students develop an understanding of a theorem-based geometry system through exploration, application, and proof. Exploration will involve constructions, technology, and algebraic skills. All activities develop and reinforce logical reasoning skills.

Course Name: **Intermediate Algebra**
Course Number: 250
Duration: 2 Terms
Grade: NA
Prerequisites: Geometry or Basic Geometry
Note: None

This course offers a review of algebra and geometric concepts, concepts will be viewed arithmetically through numerical computation (extensive use of calculator), geometrically with graphic representation, and algebraically by writing and solving of equations. This course is intended for those students who would have trouble with the traditional Algebra II course. The course will help prepare the student to take Algebra II the following terms and help prepare students to take the ACT Test.

Course Name: **Algebra II**
Course Number: 231
Duration: 2 Terms
Grade: NA
Prerequisites: Geometry or Intermediate Algebra
Note: Students are recommended to have completed Geometry and/or Intermediate Algebra with a "C" or better.

The emphasis of this course is the understanding of both practical and theoretical mathematics. There is a review of basic algebraic techniques and manipulations at the beginning of the course. Topics in the course include: matrices and determinants; quadratic functions and their graphs; permutations, combinations and probability; logarithmic and exponential functions; and complex numbers. This course is designed to meet the needs of the college-bound student, preparing those students for additional high school and college mathematics and science.

Course Name: **College Algebra**
Course Number: 239
Duration: 1 Term
Grade: 10-12
Prerequisites: Algebra II
Note: The class is designed for students who do not need or want to take Trigonometry or Pre-Calculus/AP Calculus. Students may earn college credit for this course. Student is responsible for college costs.

The course is a continuation of topics from Algebra II. Topics of study include algebraic equations and inequalities, absolute value, polynomial, rational, exponential and logarithmic functions, conic sections, systems of equations and inequalities, matrices, and determinants. Additional topics may include sequences and series, combinatorics, probability and mathematical induction. Students have the opportunity to gain college credit through Southeast Community College if Algebra II grade is 80% or higher.

Course Name: **Data Analysis**
Course Number: 247
Duration: 1 Term
Grade: NA
Prerequisites: Algebra II
Note: None

This course is an introductory course in statistics. Students will describe existing data, produce data, and then draw conclusions based on data. Technology is used throughout the course in doing statistical analysis, presenting, and understanding data. This course is directed to

juniors and seniors who plan to attend college but may not be bound for a traditional calculus sequence. This course will prepare students for an entry-level college statistics course.

Course Name: **Trigonometry**
Course Number: 241
Duration: 1 Term
Grade: NA
Prerequisites: Algebra II
Note: Students are recommended to have completed Algebra II with a “C” or better.

This course is intended as an extension of Algebra II. The student will continue to study functions (in particular, trigonometric functions) preparing her/him for the study of post-secondary mathematics. Students who complete this course should be prepared for pre-calculus, calculus, and other college mathematics courses. There will be an extensive use of calculators.

Course Name: **Pre-Calculus**
Course Number: 245
Duration: 1 Term
Grade: NA
Prerequisites: Trigonometry
Note: Students are recommended to have completed Trigonometry with a “C” or better.

Students will study topics of Algebra II and trigonometry; functions (rational, exponential, and logarithmic), and coordinate geometry. Students will also be introduced to limits and experience the interrelationship between algebra, geometry, and trigonometry. Students who complete this course should be prepared for calculus and other college mathematics courses.

Course Name: **Advanced Placement Calculus**
Course Number: 244
Duration: 3 Terms
Grade: NA
Prerequisites: Pre-Calculus
Note: Dual Credit available through Concordia University-Seward or Nebraska Wesleyan University. Students are recommended to have completed Pre-Calculus with a “C” or better. Student is responsible for college costs.

This course is intended for students who have exhibited a talent in mathematics. It consists of working in calculus and related topics comparable to courses in colleges and universities. The completion of the course may lead to a student earning college credit by successfully completing the Advanced Placement examination given by the College Board or by meeting criteria established by an individual college or university.

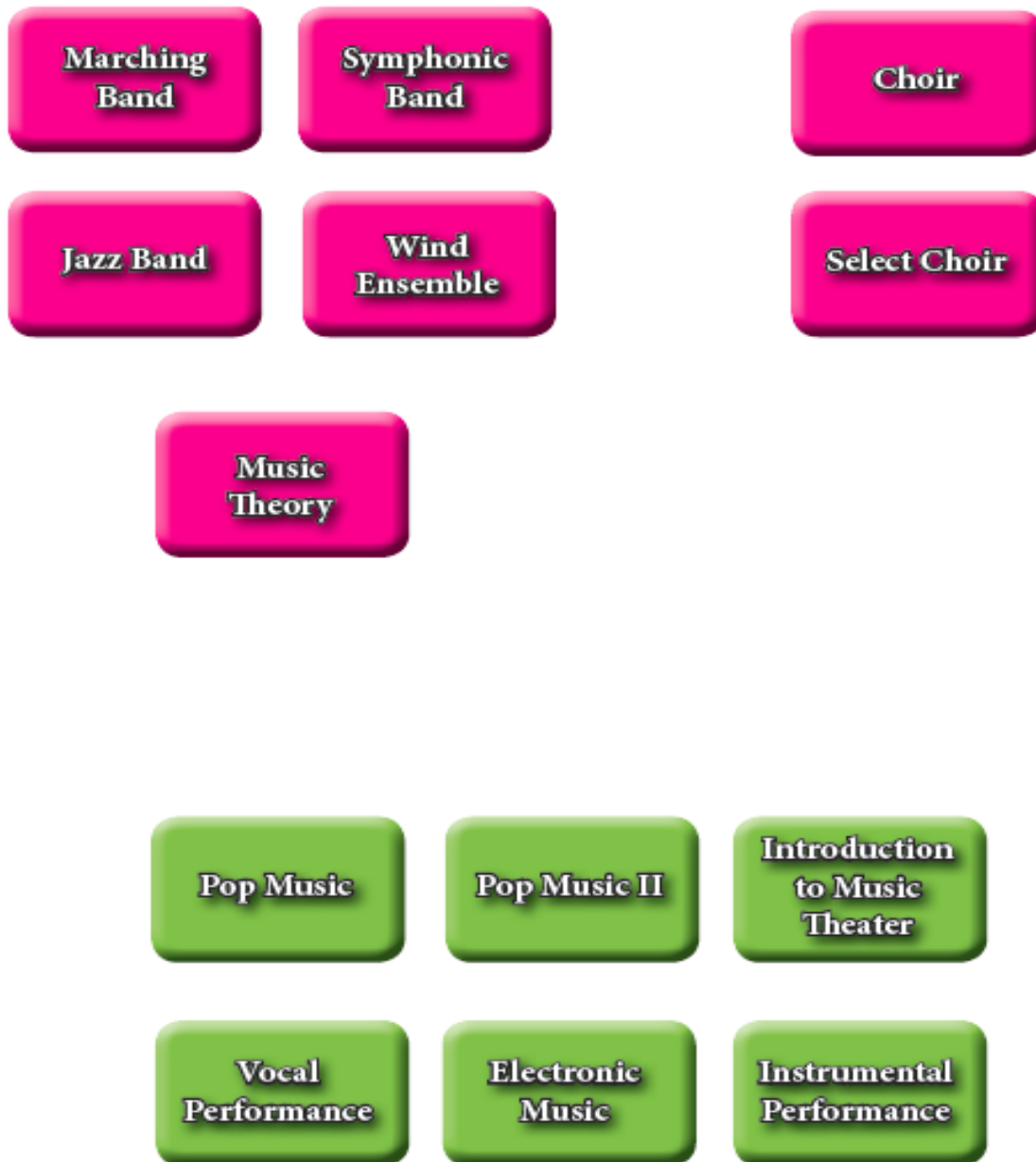
Course Name: **Advanced Placement Statistics**
Course Number: 248
Duration: 1 Term
Grade: 11-12
Prerequisites: Data Analysis
Note: None

The Advanced Placement Statistics course consists of statistical concepts including exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students who successfully complete the Advanced Placement examination may receive credit and/or advanced placement for a one-semester introductory college statistics course at many colleges and universities. Completion of this course will prepare students to take the Advanced Placement Statistics exam.

Music Department

The Seward High Music department offers a variety of classes for both trained musicians and non-musicians. Within the music department, we offer numerous different performing ensembles, whether it is vocal or instrumental, as well as music appreciation, music theory, and electronic music classes. We believe that music is science, math, foreign language, history, and physical education, but most of all music is art. It allows a person to take all of the above and use those skills to express feelings and emotion.

Music Department Course Sequence Map



Course Name: **Marching Band**
Course Number: 1414A
Duration: 2 Terms
Grade: 9-12
Prerequisites: None
Note: 2 Term Class Only, Offered 1st & 2nd Terms

During the summer and fall, the Seward High Band functions exclusively as a marching band. The students will perform a selected field show at home varsity football games (usually on Friday nights) and marching contests throughout the fall (usually Saturdays in September and October) and may also perform in local parades. Fundamentals in marching and music execution are emphasized and developed as the students work as a team. The student leadership team (section leaders and drum majors) is selected in the spring and band camp is held in the summer. Marching band rehearsals begin at 7:45 a.m. during the first term. Students will also be assigned to pep band during 1st and 2nd terms. Since performances are a part of the students' grades, all students are expected to attend all performances.

Course Name: **Symphonic Band**
Course Number: 1416A
Duration: 2 Terms
Grade: 9-12
Prerequisites: None
Note: 2 Term Class Only, Offered 3rd & 4th Terms

The Symphonic Band is the non-auditioned ensemble of the Seward High Band Program. Students will perform a variety of traditional and contemporary musical repertoire. Students will develop proficiency in advanced instrumental music fundamentals including tone production, balance, blend, intonation, technique, and musical expression. Students will also develop knowledge of music history as related to selected repertoire. The Symphonic Band performs throughout the year, including the district music contest in the spring. Students will also be assigned to pep band during 3rd term. Since performances are a part of the students' grades, all students are expected to attend all performances.

Course Name: **Choir**
Course Number: 1426B (Sem 1)/1427B (Sem 2)
Duration: 2 Terms
Grade: 9-12
Prerequisites: None
Note: None

Mixed Chorus is open to any student in grades 9-12. The singers must have the ability or strong desire to sing in a large musical ensemble. Singers will be expected to continue their choral music experience while studying all aspects of choral music and literature. Singers will be required to participate in all concerts. Students will have the opportunity to audition for the musical production and the Seward High Singers Show Choir.

Course Name: **Pop Music (Ragtime to Rock-N-Rock)**
Course Number: 1431
Duration: 1 Term (1 Semester if Taken as a Period 1A Skinny)
Grade: 9-12
Prerequisites: None
Note: Ragtime to Rock-N-Roll; Offered 3rd & 4th Term

This course will cover the evolution of American popular music from the late 1800's to the present. The styles to be covered will be ragtime & blues, jazz & big band, folk music, country, rock-n-roll, and rock music. This course introduces and exposes the students to the various styles of music that have grown from the cultures and history of the U.S. and its peoples.

Course Name: **Pop Music II (The Rock Years)**
Course Number: 1433
Duration: 1 Term
Grade: 10-12
Prerequisites: Pop Music or Teacher Permission
Note: None

This class picks up where Pop Music leaves off. It begins with the pre-history of rock-n-roll and ventures into rock music from the 1950-2000s, from rock-n-roll to hip hop. Students will receive a more in depth look at the music itself, the industry, and the history surrounding the music they listen to today. Students will participate in analytical listening curriculum, listen for form and lyric content, and study vocabulary pertinent to the music business.

Course Name: **Introduction to Musical Theater**
Course Number: 1432
Duration: 1 Term
Grade: 10-12
Prerequisites: None
Note: Offered 3rd Term Only

This class will trace the history of American Musical Theater from 1866 to the present. Areas to be covered are the book, lyrics, songs, musical score, dance and production in musicals from 1920-1990. Students will also have hands-on experience working on the annual musical production. This includes set design, props, advertising and publicity, costuming, and actual backstage performance experience.

Course Name: **Electronic Music/Garage Band**
Course Number: 1428
Duration: 1 Term
Grade: 9-12
Prerequisites: None
Note: None

Students will be introduced to and develop proficiency in using Garage Band and iMovie. Students will create digital publications, which will include music compositions, movie soundtracks, and digital slideshows. Digital projects will be completed individually and in cooperative learning groups. Students will also develop an understanding of music literacy and music appreciation.

Course Name: Music Theory
Course Number: 1405
Duration: 2 Terms
Grade: 10-12
Prerequisites: Music Students Only
Note: None

Music Theory serves as a preparation course for students who plan to major or minor in music in college. Students will be introduced to and develop proficiency in the fundamentals of music theory and history. These include: basic notation, music literacy, scales and key signatures, modes, intervals, chord and harmonic analysis, chord progressions, form analysis, and composition/part writing. Basic keyboarding skills will be introduced. Ear training exercises that correspond with each unit of study will be utilized to develop aural skills.

Course Name: Jazz Band
Course Number: 14071B/14072B
Duration: 4 Terms
Grade: 9-12
Prerequisites: Audition Only
Note: 44-Minute Class (Period 1B Skinny)

The Jazz Ensemble explores the art of jazz and its various forms and styles. Membership is determined by audition and/or permission of the instructor. Jazz Band members will focus on mastering various jazz fundamentals, including rhythm and articulation, improvisation, technique, blues progressions, comparing and contrasting styles, and theory concepts. Students will perform a variety of jazz styles (swing, blues, Latin, big band, etc.). Since performances are a part of the students' grades, all students are expected to attend all performances.

Students auditioning for jazz band are expected to be part of the ensemble for both semesters. If this does not work with the student's schedule, arrangements must be made prior to the student's acceptance in the ensemble. In addition, students must be part of either marching band first semester or symphonic band second semester.

Course Name: Wind Ensemble
Course Number: 1418Z
Duration: 4 Terms
Grade: 10-12
Prerequisites: Audition Only
Note: 5th Period, 44-Minute Class

The Wind Ensemble is an audition band that is for the serious high school band member. Members will play a large variety of challenging music from various different styles. Students will develop proficiency in advanced instrumental music fundamentals including tone production, balance, blend, intonation, technique, and musical expression. Students will also develop knowledge of music history as related to selected repertoire. The wind ensemble performs throughout the year, including the district music contest in the spring. Since performances are a part of the students' grades, all students are expected to attend all performances.

Students auditioning for wind ensemble are expected to be part of the ensemble for both semesters. If this does not work with the student's schedule, arrangements must be made prior to the student's acceptance in the ensemble. In addition, students must be part of either marching band first semester or symphonic band second semester.

Course Name: **Vocal Performance**
Course Number: 1439
Duration: 1 Term
Grade: 9-12
Prerequisites: By permission
Note: Offered 1st Term Only; Must try out for All-State; Students are charged \$20 for supplies.

This class is designed for vocal students who will be auditioning for All-State Choir, college scholarships, various honor groups as well as the students looking to improve their solo proficiency. Focus will be on the all-state repertoire, sight singing, small group (Chamber music) singing, and National Anthem performances.

Students will work with the group and individually during the week. Most of the solo music will be provided from the vocal music library, unless the student has something special to prepare. Students will be guided in critical listening skills and be asked to critique class performances using district music contest criteria. All students will perform a prepared piece for the class for their final.

Course Name: **Select Choir**
Course Number: 1411Z
Duration: 4 Terms
Grade: 10-12
Prerequisites: Audition Only
Note: 5th Period, 44-Minute Class

Select Choir is an auditioned choir for the serious high school singer. Repertoire will be of a challenging nature and encourage students to push themselves musically. Students will perform works in other languages along with acapella and accompanied works. Students will be chosen from the choir to audition for the Nebraska All State Choir, other honor choirs, individual ensemble, and solo work. Students will be required to perform in all scheduled concerts and District Music Contest.

Course Name: **Instrumental Performance**
Course Number: 1440
Duration: 1 Term
Grade: 9-12
Prerequisites: By permission
Note: Offered 1st Term Only; Must try out for All-State; Students are charged \$20 for supplies.

This class is designed for instrumental students who will be auditioning for All-State Band, college scholarships, and various honor groups. The focus will be improving solo playing. All students will prepare the All-State audition materials individually since repertoire is different for each instrument. Students will also prepare a solo and perform for the class for the final. Students will evaluate solos using district music contest criteria.

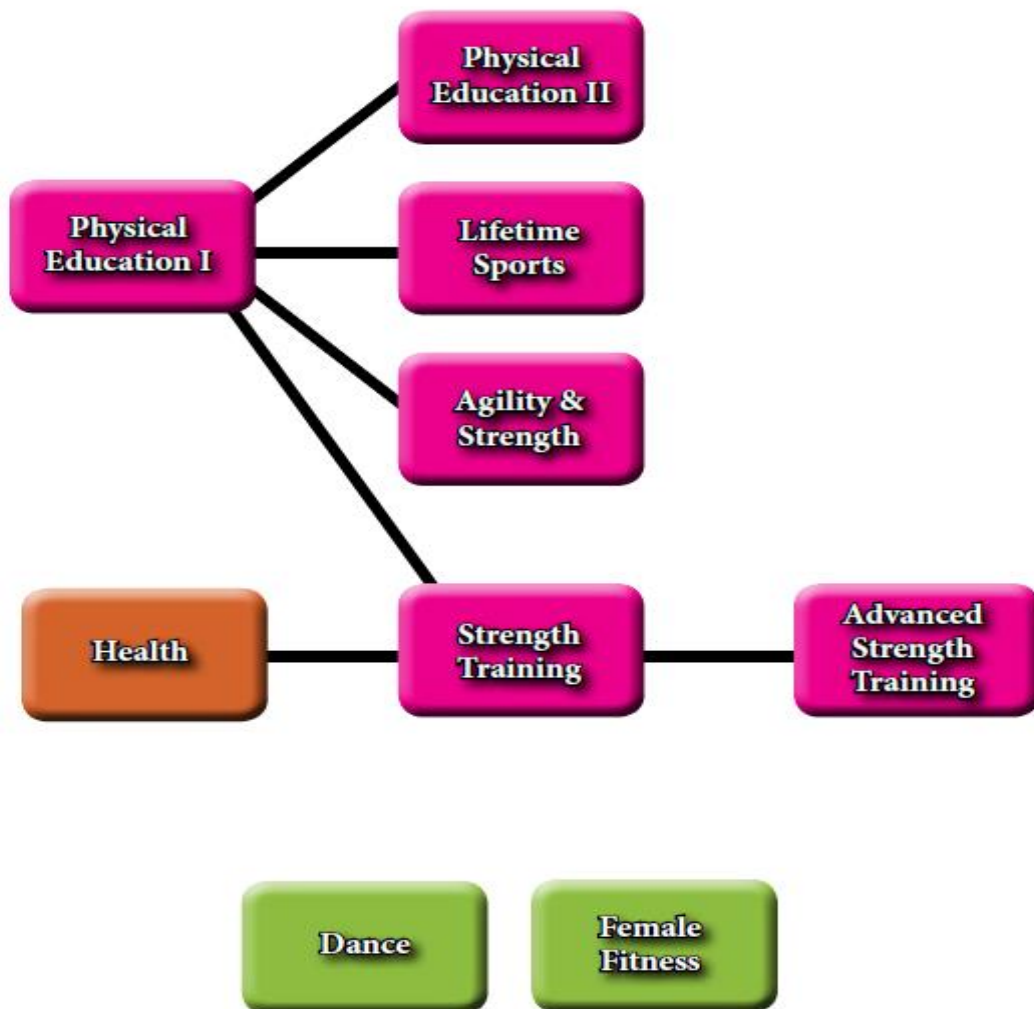
Band / Choir Skinny Pathways for 2018-2019

| Grade | Semester 1 | | Semester 2 | |
|---------------------|----------------------|----------------------|-----------------------|-----------------------|
| | Period IA | Period IB | Period IA | Period IB |
| 9 | PE I | PE I | Health | Health |
| | March/Symph Band | Choir | Info Tech Apps I | Info Tech Apps I |
| | | | Intro to Agri-Science | Intro to Agri-Science |
| Grades 10-12 | March/Symph Band | Choir | Symphonic Band | Choir |
| | Speech | Speech | Speech | Speech |
| | | Jazz Band | Pop Music I | Jazz Band |
| | Strength Training | Strength Training | Strength Training | Strength Training |
| | Personal Finance | Personal Finance | Personal Finance | Personal Finance |
| | Info Tech Apps II | Info Tech Apps II | Lifetime Sports | Lifetime Sports |
| | Portfolio Adv. Study | Portfolio Adv. Study | Portfolio Adv. Study | Portfolio Adv. Study |
| | | | Intro to Agri-Science | Intro to Agri-Science |

Physical Education Department

The basic objectives of the Physical Education Department are to assist in the physical development of the students and to provide skill instruction in a variety of activities. Individual and team sports are the focal points of the curriculum. PE I focuses on team sports, physical development, game skill, and knowledge. Health focuses on the use of healthful living through preventative techniques. PE II focuses on team and individual sports, conditioning, and individual improvement. Lifetime Sports focuses more on individual sports and self-testing in personal development. Strength Training focuses on individual conditioning, nutritional training, and creating a better self-image.

Physical Education Department Course Sequence Map



Physical Education Graduation Requirements

- 15 Hours
- Health which is included in the 15 required hours.

Course Name: PE I
Course Number: 1528
Duration: 1 Term
Grade: 9-12
Prerequisites: None
Note: None

Basic skill development, physical activity, and knowledge of rules in various team and individual sports will be the focus of the class. Emphasis will be placed on fitness and enjoyment of the different units. Students will also participate in fitness testing to measure their improvements throughout the unit. Lifestyle habits and life skills including body composition, sportsmanship, nutrition, heart rate activities, and the benefits of leading a healthy lifestyle will also be a major part of this class. Activities may include: fitness testing, soccer, volleyball, bowling, badminton, pickle ball, softball, basketball, conditioning games, and ultimate sports.

Course Name: Health
Course Number: 1527
Duration: 1 Term
Grade: 9-12
Prerequisites: None
Note: None

Healthful living through preventive techniques will be stressed. The units taught in the class will focus on decision-making and skill building that will help students make informed decisions. Units include: Taking Charge of your Health, Achieving Mental and Emotional Health, Managing Stress and Coping with Loss, Mental and Emotional Problems, Healthy Relationships, Peer Relationships, Preventing Conflicts and Violence, Nutrition, Personal Health Care, Tobacco, Alcohol, Illegal Drugs, HIV and AIDS, Environmental Health, and Human Sexuality. The major theme of the Human Sexuality Unit will be abstinence, but other options will be discussed. Each student will have the option to opt out of this unit and have alternative assignments per parental request.

Course Name: Lifetime Sports
Course Number: 1535/1535A/1535B
Duration: 1 Term
Grade: 9-12
Prerequisites: PE I; 86+ to repeat
Note: Offered as a full block or a 44-Minute Class ; Students will be charged for the use of the bowling alley.

Lifetime Sports is a class designed to give students a chance to pursue their own interests in physical activities. Various individual sports are introduced along with developing one's personal fitness. The following activities will be introduced: golf, net games, badminton, softball, basketball, bowling, and wiffleball. In addition to activity, the rules and strategies of each sport are covered. Officiating and sports health may also be part of the class.

Course Name: PE II
Course Number: 1529Z
Duration: 1 Term
Grade: 10-12
Prerequisites: PE I
Note: 5th Period, 44-Minute Class

Physical development will be the focus of this class along with individual and team game skill activities. Vigorous activity will be expected for the optimum development of strength, endurance, coordination, agility, and speed. Skill instruction will be presented in a variety of team and individual sports skills that are useful for present practice as well as future enjoyment. Among these could be bowling, basketball, volleyball, softball, soccer, badminton, and ultimate sports.

Course Name: Strength Training
Course Number: 1532
Duration: 1 Term
Grade: 9-12
Prerequisites: PE I & Health; 86%+ to repeat
Note: 9th Graders Need Instructor's Permission or have taken and passed PE I in a prior term

Strength Training is designed to benefit both the athlete and non-athlete. This class is designed to implement the need of the student, whether that is conditioning for a sport or improving one's physique by training and learning good nutritional values. This course will contain units in weight training, nutrition, speed, and agility training. Strength Training is a discipline-based course which will integrate the following themes: understanding weight lifting; setting up a program designed to individual needs; endurance training; speed, and agility training; nutritional needs; and anatomy and physiology (effects of strength training).

Students will be asked what needs they expect to fulfill at the beginning of this class and then a program geared toward this goal will be designed. On alternate days from their program, speed workouts will also be incorporated into the class. In addition to these physical attributes of the class, some class study on anatomy and physiology that pertains to strength training may be discussed. Students who have not taken the course will be given priority over students who have taken the course a previous term if requests are above the enrollment limit. Freshmen will be able to take this class if given permission from a coach or PE I was taken and passed in a prior term.

Course Name: Advanced Strength Training
Course Number: 1533Z
Duration: 2 Terms
Grade: 11-12
Prerequisites: Strength Training & Instructor Approval; 86%+ to repeat
Note: 5th Period, 44-Minute Class

Advanced Strength Training has higher expectations and increased content in all of the areas listed in the Strength Training class. Some of the areas will be expanded through textbooks and websites geared toward applied learning. Plyometrics will also be addressed in the framework of this class. This class should only be taken by students who want to advance to the next level in physical well-being.

Course Name: **Agility and Strength**

Course Number: 1532

Duration: 1 Term

Grade: 10-12

Prerequisites: PE I

Note:

Agility and Strength will be a combination between fitness, game skills and strength training. Half of the class time will be spent working on fitness and game skills while the other half of the block will be spent learning the skills needed to gain speed, strength and muscular endurance. During the fitness element of this class you will be working on developing your fitness, while at the same time learning team and individual sports. Some of the units taught during this term will be basketball, volleyball, badminton, soccer, softball and ultimate sports. During the strength-training portion of this class you will be learning about nutrition, strength and speed development. Each student will be expected to develop a program based upon what they want to accomplish out of this class.

Course Name: **Dance**

Course Number: 1530Z

Duration: 2 Terms

Grade: 11-12

Prerequisites: None

Note: 5th Period, 44-Minute Class, Offered 3rd & 4th Terms

This course for juniors and seniors is designed to teach a variety of dances. Students will be exposed to line dances, polka, swing, waltz, salsa, and more. All students are both encouraged to register. Cooperation and teamwork is a requirement.

Course Name: **Female Fitness**

Course Number: 1531Z

Duration: 2 Terms

Grade: 10-12

Prerequisites: None

Note: 5th Period, 44-Minute Class, Offered 1st & 2nd Terms

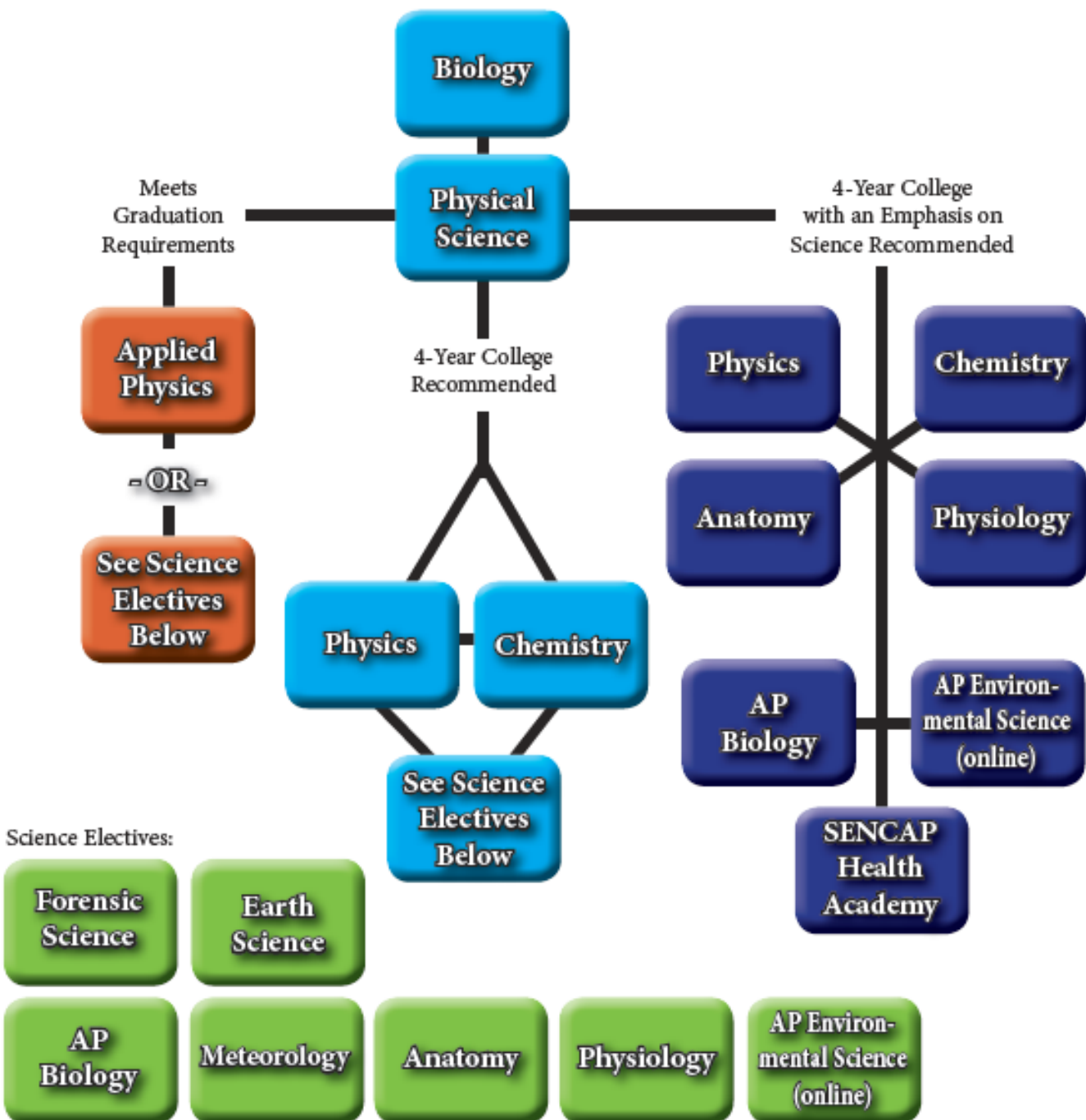
This course is designed to give females a variety of different lifelong physical fitness opportunities. The emphasis will be on learning new and fun ways of exercising and will target all areas of fitness (cardio, strength and flexibility). The course will include activities such as yoga, pilates, kick-boxing, aerobics, zumba, tae-bo, and more.

Science Department

Science courses at Seward High School seek to provide rigorous academic and quality laboratory experience for all students. Our courses are aligned with state standards and are delivered in an environment that provides rich, multimodal opportunities for all students to access content information. Laboratory activities enhance this environment and allow students to apply content knowledge to real problems. An integral part of this curriculum is to promote an understanding of the interconnections within the sciences and the interactions among science, technology, and the environment.

| Course # | Course Name | Credits | Grade | Graduation Requirement | Prerequisites | ACT Core | College Prep Recommended |
|-----------------|------------------------------------------|---------|-------|------------------------|-----------------------------------------------|----------|--------------------------|
| 320 | Biology | 10 | 9-12 | X | | X | X |
| 331 | Physical Science | 10 | 10-12 | X | | X | X |
| 342 | Chemistry | 10 | 11-12 | 10 Credits | Algebra II | X | X |
| 332 | Physics | 10 | 11-12 | | Algebra II | X | X |
| 333 | Applied Physics | 10 | 11-12 | | Geometry or Basic Geometry | | |
| 346 | Physiology | 5 | 10-12 | | Biology | | X |
| 345 | Anatomy | 5 | 11-12 | | Physiology | | X |
| 341 | Advanced Placement Biology | 10 | 11-12 | | 'B' or Better in Biology and Physical Science | X | X |
| 344 | Advanced Placement Environmental Science | 10 | 11-12 | | 'B' or Better in Biology | X | X |
| Period 5 | | | | | | | |
| 330Z | Earth Science | 5 | 11-12 | | | | |
| 0348Z | Meteorology | 5 | 10-12 | | Physical Science | | |
| 334Z | Forensic Science | 5 | 11-12 | | Biology, Phy.Science | | |

Science Department Course Sequence Map



Science Graduation Requirements

- 30 Credits (Biology, Physical Science, +10 additional science credits)
- Students planning to attend post-secondary schooling are encouraged to complete, at minimum, Physics and Chemistry beyond Biology and Physical Science.
- Students planning to study science or a medical field beyond high school are encouraged to complete Chemistry, Physics, Anatomy, Physiology, and may also complete the SENCAP Health program.
- All Juniors are strongly encouraged to be enrolled in two terms of Science.

Course Name: **Biology**
Course Number: 320
Duration: 2 Terms
Grade: 9-12
Prerequisites: None
Note: None

This is a required freshman science course. It incorporates principles of earth science, ecology, as well as cell life and functions. Biology is a prerequisite for physiology. Students will be exposed to theories about the origin of the universe and the earth system; biological evolution; geochemical cycles; the ecology of organisms and species; cells and their organelles; factors related to heredity; and common chemical reactions that occur in cells such as photosynthesis and cellular respiration. Students will be expected to read, listen, and discuss course content. Required student skills include note taking, conducting labs, and working cooperatively with others. Students will be assessed on homework, labs, projects, quizzes, and tests. Students will be prepared and eligible to enroll in physiology after successful completion of this course.

Course Name: **Physical Science**
Course Number: 331
Duration: 2 Terms
Grade: 10-12
Prerequisites: None
Note: None

This is a required sophomore science course. It includes beginning principals of physics and chemistry as well as designing and conducting experiments using scientific inquiry. Students will be introduced to the properties of matter; structure of atoms; the effects of motion and forces; properties and forms of energy of the earth; relationships between energy and matter; conservation of energy; and chemical reactions. Students will be exposed to the International System of Measurements (SI) and will need to have some algebra skills. Students will be expected to read, listen, and discuss course content. Required student skills include note taking, conducting labs, and working cooperatively with others.

Course Name: **Physiology**
Course Number: 346
Duration: 1 Term
Grade: 10-12
Prerequisites: Biology
Note: None

This is an elective life science course offered for sophomores and above who have successfully completed biology. It explores the structure and function of the human body systems. Physiology is a prerequisite for anatomy. Emphasis is placed on the digestive, circulatory, respiratory, excretory, and reproductive systems. The depth of knowledge will go well beyond that of a typical health class. Required student skills include discussing course content, note taking, conducting labs, and working cooperatively with others. Students will be assessed on homework, labs, projects, quizzes, and tests. Upon successful completion of physiology, students will also be prepared and eligible to enroll in anatomy.

Course Name: **Anatomy**
Course Number: 345
Duration: 1 Term
Grade: 11-12

Prerequisites: Biology & Physiology
Note: None

This is an elective life science course offered for juniors and seniors who have successfully completed physiology. It explores the structure and function of the human body systems. This is a college-prep science course that focuses on the advanced study of the skeletal, muscular, and nervous systems. Content centers on the identification of bones and muscles as well as the function of the systems in health and disease/injury. This course is designed for students with an interest in a health profession and who plan on pursuing this upon graduation. Required student skills include note taking, conducting labs, and working cooperatively with others. Students will be assessed on homework, labs, projects, quizzes, and tests.

Course Name: Chemistry
Course Number: 342
Duration: 2 Terms
Grade: 11-12
Prerequisites: Algebra II
Note: None

Chemistry (inorganic) is a class that is designed to help students understand the fundamentals of chemistry in addition to preparing students for college chemistry. The curriculum has been designed to parallel the curriculum from Chemistry 109 at UNL. Students will gain an understanding of atoms and their behaviors, periodic table, mole concept, stoichiometry, chemical bonding and mass and energy transfers during chemical reactions. There are many labs and hands-on activities that enhance the curriculum. This course is highly recommended for students seeking majors in medicine, pharmacy, physical therapy, nursing, engineering, and any science-related field.

Course Name: Physics
Course Number: 332
Duration: 2 Terms
Grade: 11-12
Prerequisites: Algebra II; 77%+ & Physical Science
Note: None

Algebra and trigonometry, use of formulas, numerous labs, and projects associated with content studied are emphasized in this course. Note taking, designing and carrying out experiments, improving reading, and listening skills are expected. This class is designed to provide students with a strong background in physics by stressing the major concepts they will consistently apply throughout the course. In developing a unit plan, the following breakdown may be helpful: 1. Force; 2. Work; 3. Rate; 4. Resistance; 5. Energy; 6. Power; and 7. Force transformers.

Students will be asked to develop and build projects that will be associated with the material being covered. These projects will enhance the student's learning of the subjects and give them some foresight into how scientific experiments are developed and tested.

Course Name: **Applied Physics**
Course Number: 333
Duration: 2 Terms
Grade: 11-12
Prerequisites: Geometry or Basic Geometry
Note: None

This is a science course offered for juniors and seniors looking to fulfill their third year of science graduation requirement but is not recommended for students who plan to enroll in a four-year college. It is designed to provide students with an understanding of how science relates to the everyday world. Required student skills include note taking, conducting labs, and working cooperatively with others.

Course Name: **Forensic Science**
Course Number: 334Z
Duration: 2 Terms
Grade: 11-12
Prerequisites: Biology and Physical Science
Note: 5th Period, 44-minute Class

Students taking this elective science course will explore strategies of pathology to examine evidence and solve a crime. Students will learn techniques used in hair analysis, blood typing, fingerprint analysis, blood splatter, DNA fingerprinting, shoe impressions, dental recording, and document analysis. Activities and labs will use model evidence from a real cold case that students will be able to work through to solve. Students must be able to work in groups, problem solve, read and follow instructions, conduct labs, and discuss their findings.

Course Name: **Meteorology**
Course Number: 348Z
Duration: 2 Terms
Grade: 10-12
Prerequisites: Physical Science
Note: 5th Period, 44-Minute Class

This self-directed class will foster the learning of atmospheric topics to increase the student's knowledge about the weather around them. Topics that will be discussed include the following: origin, composition and structure of the atmosphere; solar and terrestrial radiation; heat, temperature and circulation; air pressure; humidity; saturation and stability; clouds, precipitation weather radar; wind; planetary-scale circulation; air masses, fronts, cyclones and anticyclones; thunderstorms and tornadoes; tropical storms and hurricanes; weather analysis; and forecasting.

Course Name: **Advanced Placement Biology**
Course Number: 341
Duration: 2 Terms (Offered Terms 3 & 4)
Grade: 11-12
Prerequisites: Grade of 'B' or better in Biology and Physical Science; Chemistry
Note: None

Advanced Placement Biology provides an in-depth study of the rigorous components of the life sciences and emphasizes traditional and current biology concepts. This course is equivalent to a college-level introductory biology course and provides a strong preparation for post-high school science. This lab-based course may include the dissection of preserved specimens. AP Biology students should possess strong writing, reading, and analytical skills. Completion of this course will prepare students to take the Advanced Placement Biology exam.

Course Name: **Earth Science**
Course Number: 330 or 330Z
Duration: 2 Terms
Grade: 11-12
Prerequisites: None
Note: 5th Period, 44-Minute Class

This is a science course offered for juniors and seniors looking to fulfill their third year of science graduation requirement. Topics covered in this class include the following: formations of the earth, sedimentation, discovery of fossils, plate tectonics, properties of earth's materials, weathering, human impact on natural resources, as well as others. Required student skills include discussing course content, note taking, conducting labs, and working cooperatively with others.

Course Name: **Advanced Placement Environmental Science**
Course Number: 344
Duration: 2 Terms (Offered Terms 3 & 4)
Grade: 11-12
Prerequisites: Grade of 'B' or better in Biology
Note: This is an online course taught by a Seward Public Schools teacher.

Advanced Placement Environmental Science is the equivalent of a college-level environmental science class. As such, there may be a great demand in terms of reading, writing, homework, critical thinking, analysis, and independent work in comparison to previous classes attempted in high school. Through this course, in addition to the environmental science content, students will develop higher-level critical thinking skills, and learn how to research and distill information, and to choose one side of an issue and support their position, through the increased use of case studies and problem-based learning.

The goal of this course is to provide students with the science principles; ideas, concepts, methodologies and knowledge to better understand the natural world around them today and into the future. The following will be the key areas of focus: earth systems and resources; the living world; populations; land and water use; energy resources and consumption; pollution; and global change.

Completion of this course will prepare students to take the Advanced Placement Environmental Science exam.

Skilled and Technical Sciences Department

The Skilled and Technical Sciences program offers courses that are designed to provide meaningful and rewarding classes to all students. Each course was designed to give students an opportunity to explore areas of vocational interests that relate to the fields of technology, engineering, construction, design, drafting, and machine tool processes.

Related courses that would be beneficial to students taking classes in the industrial technology area are math, sciences (physics), art, and computers.

Skilled & Technical Sciences Department Course Sequence Map



Course Name: **Architectural Engineering and Design (AED)**

Course Number: 1348
Duration: 1 Term
Grade: 9-12
Prerequisites: None
Note: None

AED will introduce housing types, basic design and planning, site considerations, drawing techniques, building components, construction, building systems, roof designs, and green technology. Students will use AutoCAD and Revit softwares to help in the design process.

Course Name: **Advanced AED**

Course Number: 1349
Duration: 1 Term
Grade: 9-12
Prerequisites: AED
Note: None

Advanced AED will include units on drafting, model building, and CAD (Arch. Desktop, Revit, Sketch up). Projects will include the glass house, floor plans, house design, home builders' project, commercial, and civic design.

Course Name: **Mechanical Engineering and Design (MED)**

Course Number: 1350
Duration: 1 Term
Grade: 9-12
Prerequisites: None
Note: None

MED will introduce basic design, drawing techniques, CAD (Inventor), product design, material engineering, and manufacturing.

Course Name: **Advanced MED**

Course Number: 1351
Duration: 1 Term
Grade: 9-12
Prerequisites: MED
Note: None

Advanced MED will include units on drafting, inventor: solid works, master cam, CNC milling, CNC lathe, programming, part design, manufacture, and quality assurance.

Course Name: **Introduction to Woodworking**

Course Number: 1314
Duration: 1 Term
Grade: 9-12
Prerequisites: None
Note: Students are charged \$15 per term for supplies. Students are also charged for any school-supplied lumber used in projects.

Introduction to Woodworking is a course in power machine woodworking that stresses the use of power tools in the construction of an end table through a hands-on activity, emphasizing proper tool application and safe operation. Student will also work with a CAD program and a CNC router in order to complete their assigned project.

Course Name: **Advanced Woodworking**
Course Number: 1316
Duration: 1 Term
Grade: 10-12
Prerequisites: Instructor Approval; 95% to repeat
Note: Students are charged \$15 per term for supplies. Students are also charged for any school-supplied lumber used in projects. The total price will depend on what the student decides to make.

This course is designed to increase student skills and craftsmanship in woodworking through the development of a project from design and planning phases, material selection, and cost estimation to the construction of the student-selected projects. This is an opportunity for students to develop new skills while perfecting those learned in Introduction to Woodworking. Students will be introduced to new techniques and equipment presently used in cabinet and furniture shops including a CNC router.

Project designs are not limited to larger furniture pieces but the emphasis is placed on learning and applying new methods and the challenging of one's craftsmanship skills.

Course Name: **Building Construction**
Course Number: 1342
Duration: 2 Terms
Grade: 11-12
Prerequisites: Advanced Cabinetry - 90%+ & Instructor Approval
Note: Certain tools will need to be supplied by the student.

This course has been developed to provide an introduction to residential construction. Students will work on projects either at a job site or in the school shop. These projects will range from sheds and decks to garages, house additions and interior finishing. Emphasis will be placed on the tools used in the trade and the materials, terminology, and procedures.

Course Name: **Welding**
Course Number: 1335
Duration: 1 Term
Grade: 10-12
Prerequisites: None
Note: None

Students entering welding will be exposed to the fundamentals and basic skills of welding. Students will be introduced to oxy-acetylene welding, arc welding, mig and tig welding, as well as oxy-acetylene and plasma arc cutting. Students will be required to pass safety tests prior to welding.

Course Name: **Welding II**
Course Number: 1337Z
Duration: 2 Terms
Grade: 11-12
Prerequisites: Welding with a "B" or higher
Note: 5th Period, 44-Minute Class; Students may incur a materials fee if working on their own project

Welding II is a course designed for students who have taken Welding I and would like to improve their welding skills even further. Students will be involved in metal fabrication which could include automotive accessories, metal art work, or functioning tools.

Course Name: **Small Engines**
Course Number: 1344
Duration: 1 Term
Grade: 11-12
Prerequisites: None
Note: None; <https://youtu.be/aY6TrScsnzg>



Students enrolled in small engines will have hands-on experience with a small 2-cylinder 4-stroke Honda engine. Students will learn the theory of operation of the 2-stroke, 4-stroke and diesel engine. Students will take apart an engine and reassemble. During the process, students will plasti-gauge, use micrometer measuring, valve grinding, cylinder honing, as well as identify parts and functions.

Course Name: **3-D Animation**
Course Number: 1352 or 1352Z
Duration: 2 Terms
Grade: 9-12
Prerequisites: None
Note: 90-minute class or 5th Period, 44-Minute Class; Offered 3rd & 4th Terms

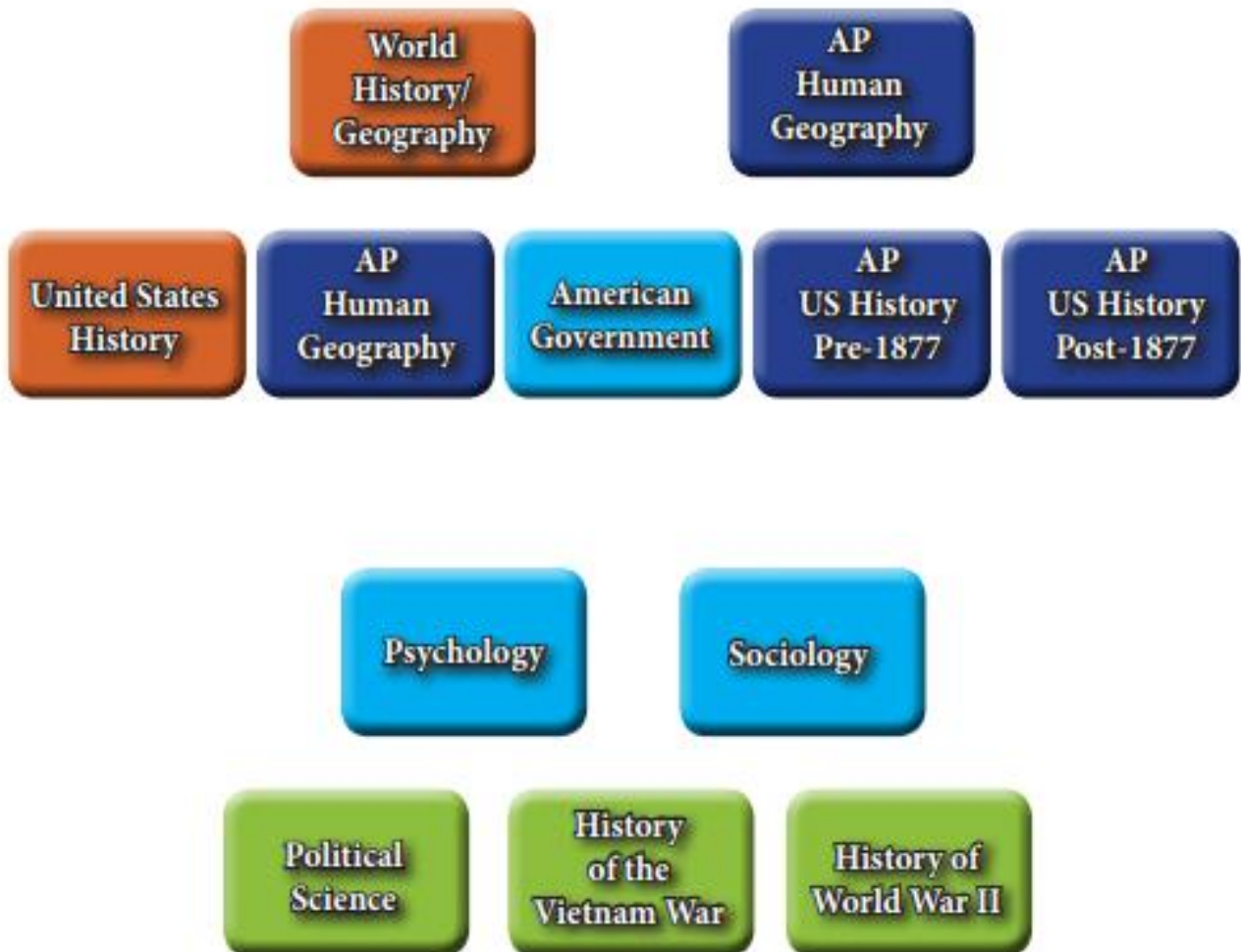
Students will learn basic modeling techniques, create materials, render scenes and learn about the animation process. Students will use 3D Max software to create various computer-generated animations.

Social Studies Department

The Social Science courses are designed to provide the students with values, skills, understanding, and knowledge that will equip all students for living in a changing world. The development of critical thinking skills, where students learn to think objectively, to discriminate intelligently, and to express and defend their own thoughts, is emphasized through a variety of courses that also deal with international and national topics. Good citizenship, which implies a balance of emotional, physical, mental, moral, and social growth, is an important objective of the social studies curriculum.

| Course # | Course Name | Credits | Grade | Graduation Requirement | Prerequisites | ACT Core | College Prep Recommended |
|-----------------|----------------------------|---------|-------|------------------------|------------------------|----------|--------------------------|
| 437 | World History/Geography | 10 | 9-12 | X | | X | X |
| 438 | AP Human Geography | 10 | 9-12 | | Teacher recommendation | X | X |
| 439 | U.S. History | 10 | 10-12 | X | | X | X |
| 448 | AP U.S. History Pre-1887 | 10 | 10-12 | | | X | X |
| 449 | AP U.S. History Post 1887 | 10 | 10-12 | | | X | X |
| 441 | American Government | 10 | 10-12 | X | | X | X |
| 432 | Psychology | 5 | 11-12 | 5 | | X | X |
| 433 | Sociology | 5 | 11-12 | Credits | | X | X |
| Period 5 | | | | | | | |
| 443Z | Political Science | 5 | 11-12 | | | | |
| 445Z | Global Studies | 5 | 10-12 | | | | |
| 446Z | History of the Vietnam War | 5 | 10-12 | | | | |
| 447Z | History of World War II | 5 | 10-12 | | | | |

Social Studies Department Course Sequence Map



Social Studies Graduation Requirements

- 35 Credits (World Geography or AP Human Geography, United States History or AP United States History, and American Government, +5 additional Social Studies credits.)
- Students planning on attending post-secondary schooling are encouraged to complete AP courses as well as psychology and/or sociology beyond the required social studies courses.

Course Name: **World History/Geography**
Course Number: 437
Duration: 2 Terms
Grade: 9-12
Prerequisites: None
Note: None

This is a survey course analyzing the world's people from the very earliest times to the present. History describes the events that make up this story, while geography describes the places in which the events take place. History, then, represents the unfolding drama of people and events through the ages. Geography describes the stage on which this drama is played out. History and geography are too intertwined that to separate them would leave the story only partially told. In this course, we will pick up the story as it unfolds starting with the emergence of modern nations. Major topics will include: The Renaissance and Reformation; Exploration and Expansion; The Monarchs of Europe; The Enlightenment; The French Revolution and Napoleon; The Industrial Revolution; Nationalism in Europe; Age of Imperialism; World War I; World War II; and The Contemporary World

The major benefit of this course will be the students understanding of the relationship between what has happened in the past to what is happening in the world around us today. An understanding of this relationship will better equip students to address issues in their future lives as it relates to their home town, state, and country. Students will be evaluated using a variety of daily student activities and assessments.

Course Name: **Advanced Placement Human Geography**
Course Number: 438
Duration: 2 Terms
Grade: 9-12
Prerequisites: Teacher Recommendation
Note: None

This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications.

Students are required to take notes in class and on readings, keep up with assignments, answer questions in class based on readings, participate in class discussions, ask intelligent questions, and improve their reading, writing, and testing skills. There is a high premium based upon proficiency in communication as well as erudition of thought.

Completion of this course will prepare students to take the Advanced Placement Human Geography exam.

Course Name: **U.S. History**
Course Number: 439
Duration: 2 Terms
Grade: 10-12
Prerequisites: None
Note: None

This a survey course in American History. The course picks up the story of America from the Progressive Era to the 1990s. Geography and Current Events will also be emphasized in this

course. Areas of emphasis are the World Wars, the Roaring 20's, the Great Depression of the 1930's, the Cold War, the Korean War, the Vietnam War, the 1970's, the Kennedy Administration, the 1980's, and the 1990's.

Students completing this class will have a solid understanding of modern American history and will be able to better appreciate the role the United States has played in world events. The students will have a better understanding of the changing world events with a stronger knowledge and appreciation of the past. Students will be evaluated using a variety of daily student activities and assessments.

Course Name: **Advanced Placement U.S. History Pre-1877**
Course Number: 448
Duration: 2 Terms
Grade: 10-12
Prerequisites: None
Note: May take the place of U.S. History for graduation requirements. Offered 1st and 2nd terms. Students may earn college credit for this course.

This survey course emphasizes the history of the United States from its colonial origins to 1877. The textbooks are college level and the class itself is structured as a college- or university-level course. Students are required to take notes in class and on readings, keep up with assignments, answer questions in class based on readings, participate in class discussions, ask intelligent questions, and improve their reading, writing, and testing skills. There is a high premium based upon proficiency in communication as well as erudition of thought.

This course runs in accordance with A.P. U.S. History Post-1877. Students may take either one or both courses. Completion of this course will prepare students to take the Advanced Placement United States History exam. Juniors and seniors also have the opportunity to gain college credit through Nebraska Wesleyan University.

Course Name: **Advanced Placement U.S. History Post-1877**
Course Number: 449
Duration: 2 Terms
Grade: 10-12
Prerequisites: None
Note: May take the place of U.S. History for graduation requirements. Offered 3rd and 4th terms. Students may earn college credit for this course.

This survey course emphasizes the history of the United States from 1877 to the present time. The textbooks are college level and the class itself is structured as a college- or university-level course. Students are required to take notes in class and on readings, keep up with assignments, answer questions in class based on readings, participate in class discussions, ask intelligent questions, and improve their reading, writing, and testing skills. There is a high premium based upon proficiency in communication as well as erudition of thought.

This course runs in accordance with A.P. U.S. History Pre-1877. Students may take either one or both courses. Completion of this course will prepare students to take the Advanced Placement United States History exam. Juniors and seniors also have the opportunity to gain college credit through Nebraska Wesleyan University.

Course Name: **American Government**
Course Number: 441

Duration: 2 Terms
Grae: 10-12
Prerequisites: None
Note: None

This survey course emphasizes the founding principles of the United States government so students understand how our democracy functions and why it is important for every citizen to take part. In order to educate students to participate in American democracy, this course will teach key citizenship skills and provide examples of student and societal citizenship in action. Students completing this course will have learned about the foundations of American Government, political behavior, three branches of government, comparative economic systems, current events, and local government. Students will be evaluated using a variety of daily student activities and assessments.

Course Name: **Psychology**
Course Number: 432
Duration: 1 Term
Grade: 11-12
Prerequisites: None
Note: None

This is a survey course in psychology. The course emphasizes the individuals responsible for the development of psychology and various schools of thought. Major concepts covered include research methods, human development, the nervous system, altered states of consciousness, sensation and perception, learning principles, and psychological disorders. Hands-on labs will demonstrate various psychological concepts. Students completing this course will have a solid foundation in psychological principles allowing for a possible career in human relations, social work, caring professions, and/or psychology. Students will be evaluated using a variety of daily student activities and assessments.

Course Name: **Sociology**
Course Number: 433
Duration: 1 Term
Grade: 11-12
Prerequisites: None
Note: None

This is a survey course in sociology. The course introduces students to the field of sociology and its development including a study of the founding fathers of sociology; research techniques; cultural (compared and contrasted with the U.S.) socialization; deviancy; law and social control; the social institutions; stratification and social class; and contemporary social problems. Benefits from this course include a better understanding of people, their motives, and perspective while living in a diverse interdependent world. This course is appropriate for the student looking for a possible career in human relations, social work, caring professions and/or sociology. Students will be evaluated using a variety of daily student activities and assessments.

Course Name: **Political Science**
Course Number: 443Z
Duration: 2 Terms
Grade: 11-12
Prerequisites: None
Note: 5th Period, 44-Minute Class

Students will experience and learn about political science through reading current issues and a nonfiction book. The current issues part of class will discuss the *New York Times Upfront* edition. *Upfront* is written for a high school audience and covers a wide variety of topics that are going on in the world. The class will also read a book titled *Law Man*, written by a David City native. The book discusses the author's felony conviction and shows students how he transformed his life while facing insurmountable odds.

Course Name: History of the Vietnam War
Course Number: 446Z
Duration: 2 Terms
Grade: 11-12
Prerequisites: None
Note: 5th Period, 44-Minute Class; Not Offered in 2019-2020; Offered in 2020-2021

History of the Vietnam War will emphasize the United States involvement in Vietnam from 1954-1975. Students will review decisions made by the United States from 1929 to the present. Topics covered include: Who are the decision makers?; How the war was fought; Social issues in the United States because of the Vietnam War; and How the United States was affected economically, politically, and socially. Parent permission may be needed because of the graphic nature of this content.

Course Name: History of World War II
Course Number: 447Z
Duration: 2 Terms
Grade: 11-12
Prerequisites: None
Note: 5th Period, 44-Minute Class; Offered in 2019-2020; Not Offered in 2020-2021

Students taking History of World War II will study the causes, the course, and the implications of World War II: the greatest of 20th Century conflicts. Topics include: geographic areas involved; the major diplomatic, political, and military events; and some of the key figures of the war. The course covers the time period of 1918 to the present, with an emphasis on 1939-1945. Parent permission may be needed because of the graphic nature of this content.

Course Name: Global Studies
Course Number: 445Z
Duration: 2 Terms
Grade: 10-12
Prerequisites: None
Note: 5th Period, 44-Minute Class; Not Offered in 2019-2020; Offered Again in 2020-2021

Global Studies will emphasize current events and international issues related to the countries discussed. Students will complete projects and current events regarding a particular region of the world. The projects will cover a country's government, education system, population, employment, map, geographical features, major exports, famous people, and bibliography. Students completing this course will have a better understanding of international issues.

World Language Department (Spanish)

The Spanish department offers a progressive four-year program. Classes are geared toward the practical application of the language through the development of communication skills. Students play an active role in learning cultural and linguistic concepts specific to Spanish-speaking countries. The ability to communicate in a language other than one's own enables students to grow academically and personally. Competence in communicating in languages in addition to English enriches learning and creates a new foundation for intellectual growth that is unique to language studies. Learning a language opens new doors and expands a student's opportunity to learn.

| Course # | Course Name | Credits | Grade | Graduation Requirement | Prerequisites | ACT Core | College Prep Recommended |
|-----------------|-----------------------------|---------|-------|------------------------|---------------|----------|--------------------------|
| 1121 | Spanish I | 10 | 9-12 | | Prior English | | X |
| 1122 | Spanish II | 10 | 9-12 | | Spanish I | | X |
| 1123 | Spanish III | 10 | 10-12 | | Spanish II | | X |
| 1124 | Spanish IV | 10 | 10-12 | | Spanish III | | X |
| Period 5 | | | | | | | |
| 1125Z | Spanish V | 5 | 11-12 | | Spanish IV | | X |

Spanish Department Course Sequence Map



Spanish Graduation Requirements

- Students planning to attend a post-secondary institution are encouraged to complete 2 years of Spanish.
- Students planning to attend certain post-secondary institutions will have an advantage if they complete 4 or more years of Spanish. It is recommended to check with each institution concerning their policy.

Course Name: Spanish I
Course Number: 1121
Duration: 2 Terms
Grade: 9-12
Prerequisites: Prior English
Note: None

Spanish I introduces the student to the Spanish language and the culture of Spanish-speaking countries. The four communication skills of speaking, listening, reading, and writing are developed with emphasis on oral proficiency.

Course Name: Spanish II
Course Number: 1122
Duration: 2 Terms
Grade: 9-12
Prerequisites: Spanish I
Note: None

Spanish II reinforces material from Spanish I and introduces new concepts for improving reading and writing skills. There is an emphasis on culture with a major focus on grammar.

Course Name: Spanish III
Course Number: 1123
Duration: 2 Terms
Grade: 10-12
Prerequisites: Spanish II
Note: None

Spanish III refines communication skills and increases reading and writing abilities. There is an emphasis (in 2nd term) on Spanish culture with a major focus on grammar.

Course Name: Spanish IV
Course Number: 1124
Duration: 2 Terms
Grade: 10-12
Prerequisites: Spanish III
Note: None

Spanish IV focuses on improving students' communication skills by emphasizing speaking/oral proficiency in Spanish. This course also includes a comprehensive review of grammar presented in Spanish I-III. Cultural topics and literary selections are also studied in depth.

Course Name: Spanish V Literature, Advanced Grammar, Conversation, and Composition
Course Number: 1125Z
Duration: 2 Terms
Grade: 11-12
Prerequisites: Spanish IV, Instructor Approval
Note: 5th Period, 44-Minute Class

Students will study, in detail, various Spanish literary selections while also examining the grammatical topics highlighted in these selections. Students will also expand upon the conversational and composition skills emphasized in Spanish IV.

Period 5 Course Offerings

| Course # | Course Name | Grade Level | Sem Offered | Prerequisites | Notes |
|----------|-----------------------------------------------------|-------------|-------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| 1000 | Access | 9 | 1 & 2 | None | Freshman students |
| 162Z | Drama I | 10-12 | 1 | Speech | |
| 154Z | Competitive Speech | 10-12 | 2 | Speech | |
| 250Z | Math Support | 9-11 | 1 & 2 | Teacher Recommendation | Supports Alg A/B, Alg I, & Basic Geometry |
| 691Z | Agri-Business | 11-12 | 1 | Intro. to Agri-Science | Offered every other year. |
| 618Z | Companion Animal & Equine Science | 11-12 | 2 | Intro. to Agri-Science; Animal Science | Offered every other year. |
| 620Z | Livestock Management | 11-12 | 1 | Intro to Agri-Science; Animal Science | Offered every other year |
| 621Z | Veterinary Science | 11-12 | 2 | Intro to Agri-Science; Animal Science | Offered every other year |
| 852Z | Sports and Entertainment Marketing | 10-12 | 1 | None | |
| 835Z | Web Design Development | 10-12 | 2 | Web Design | |
| 1243Z | Leadership Development | 9-12 | 1 & 2 | | This is a 9-week course. Take with ACT Prep the same semester. |
| 1244Z | Sewing | 10-12 | 2 | Previous FCS class | |
| 1352Z | 3-D Animation | 10-12 | 1 & 2 | | |
| 1418Z | Wind Ensemble | 9-12 | 1 & 2 | Audition Only | Semester or Yearlong |
| 1411Z | Select Concert Choir | 10-12 | 1 & 2 | Audition Only | Semester or Yearlong |
| 1531Z | Female Fitness | 10-12 | 1 & 2 | None | |
| 1533Z | Adv. Strength Training | 11-12 | 1 & 2 | Strength Training and Instructor Approval | Semester or Yearlong |
| 1530Z | Dance | 10-12 | 2 | None | |
| 1529Z | PE II | 10-12 | 1 & 2 | PE I | |
| 124Z | Short Stories | 10-12 | 1 or 2 | None | |
| 125Z | Nonfiction Literature | 10-12 | 1 or 2 | None | |
| 155Z | Popular Fiction For Males | 10-12 | 1 or 2 | None | |
| 134Z | Multicultural Literature | 11-12 | 1 or 2 | None | |
| 160Z | Multimedia | 10-12 | 1 & 2 | Teacher Approval & Application | Time may be required outside of school hours. |
| 1610Z | Resource | 9-12 | 1 & 2 | Teacher Assignment | |
| 1680Z | Work Experience | 12 | 1 & 2 | Signed Work Experience Form | Students must be actively employed to qualify. |
| 1700Z | ACT Prep | 10-12 | 1 & 2 | None | This is a 9-week course. Take with Lead. Development the same semester. |
| 330Z | Earth Science | 11-12 | 1 & 2 | None | |
| 334Z | Forensic Science | 11-12 | 1 or 2 | Biology and Physical Science | |
| 348Z | Meteorology | 10-12 | 1 & 2 | Physical Science | |
| 443Z | Political Science | 11-12 | 1 or 2 | None | Offered every other year. |
| 445Z | Global Studies | 10-12 | 1 or 2 | None | Offered every other year. |
| 446Z | History of the Vietnam War | 10-12 | 1 | None | Offered every other year. |
| 447Z | History of World War II | 10-12 | 1 | None | Offered every other year. |
| 1125Z | Spanish V | 11-12 | 2 | Spanish IV | |
| 1337Z | Welding II | 12 | 1 or 2 | Welding I with "B" or higher | |
| 833Z | Microsoft Academy – Office Specialist Certification | 10-12 | 1 & 2 | Information Technology I and II | This is a pass/fail course. Students must obtain their certification to receive a "pass." |
| 834Z | Microsoft Academy – Office Expert Certification | 10-12 | 1 & 2 | Students must have their Office Specialist certification to take this course. | This is a pass/fail course. Students must obtain their certification to receive a "pass." |
| 2111Z | Junior Jays Mentoring | 12 | 1 & 2 | Application process | |
| 1030Z | AP Study Skills | 10-12 | 2 | Enrolled in 1 st or 2 nd Semester AP course | |

Additional Opportunities

| | |
|---------------------|-------------------------------|
| Course Name: | Senior Work Experience |
| Course Number: | 1680Z |
| Duration: | 2 or 4 Terms |
| Grade: | 12 |
| Prerequisites: | Counselor Approval |
| Note: | 5 th Period Class |

Seniors may choose to work during 5th period instead of taking a class. The job must require that the student start by 3:30 p.m. at least three days each week Monday through Friday. Students must adhere to school attendance and discipline policies and must be in good academic standing and be on schedule to graduate. Students must be able to provide their own transportation. Students must maintain employment for the entire semester or be exited with a failing grade and no credit.

| | |
|---------------------|-------------------------------------------|
| Course Name: | ACT Preparation |
| Course Number: | 1700Z |
| Duration: | 1 Term |
| Grade: | 10-12 |
| Prerequisites: | None |
| Note: | 5 th Period, 44-Minute Classes |

ACT Prep: Students will be introduced to general preparation and strategies for taking the ACT exam. Students will become familiar with test content in English, math, reading, and science reasoning. Time will be spent refreshing knowledge and skills in the content area that make up a large portion of the test by taking and scoring practice ACT exams. This is a one-term class and must be taken in connection with the Leadership Development class.

| | |
|---------------------|-------------------------------------------|
| Course Name: | Leadership Development |
| Course Number: | 1243Z |
| Duration: | 1 Term |
| Grade: | 9-12 |
| Prerequisites: | Must be a member of a school organization |
| Note: | 5 th Period, 44-minute class |

This course focuses on developing one's strengths and skills to become a successful leader in our school and community. This class is recommended to anyone who is or aspires to be an officer in a school club, a captain of a team, or a leader or a community organization or activity. This is a one-term class and must be taken in connection with the ACT Prep class.

| | |
|---------------------|----------------------------------------------------------|
| Course Name: | Portfolio – Advanced Study |
| Course Number: | 1002 |
| Duration: | 1 or 2 Terms |
| Grade: | 12 |
| Prerequisites: | Application |
| Note: | Student could incur expense depending on portfolio plan. |

This course is designed to provide the student with an opportunity to gain or embrace knowledge and to explore an area of interest related to research, delivery, or administration of the selected area of study.

Objectives for this course (one or more of the following substantive and process-related objectives must be met depending on the project):

- Student expands current knowledge in a specific area of interest related to the selected area of study;
- Student remediates deficient areas of knowledge, behavior, or skills;
- Student develops or enhances skills in analyzing, synthesizing, and integrating information or experiences in the selected area of study;
- Student develops or enhances skills in project identification, development, management, implementation, evaluation, communication, and/or dissemination.

College Credit in High School

SENCAP Academies at Seward High School

| Course | Course Name | SCC Credits | Grade | Prerequisites | Dual Enrollment Credit | |
|----------------------------------------|----------------------------------------------|-------------|-------|----------------------|------------------------|----------------------------------------------------------------------------------------------------------------------|
| ACADEMIES AT SEWARD HIGH SCHOOL | | | | | | |
| | SENCAP EDUCATION ACADEMY | | | Application | | This academy is located at Seward High. Application is open to all Seward juniors and seniors. |
| EDUC1110 | Introduction to Professional Education | 4.5 | 11-12 | | SCC | |
| PSYC1810 | Introduction to Psychology | 4.5 | 11-12 | EDUC1110 | SCC | |
| SOCI1010 | Introduction to Sociology | 4.5 | 11-12 | EDUC1110 | SCC | |
| PSYC1250 | Interpersonal Relations | 4.5 | 11-12 | EDUC1110 | SCC | |
| EDUC2590 | Instructional Technology | 4.5 | 11-12 | EDUC1110 | SCC | |
| ECED1150 | Introduction to Early Childhood Educ. | 4.5 | 11-12 | | SCC | |
| EDUC2300 | Introduction to Special Education | 4.5 | 11-12 | EDUC1110 | SCC | |
| PSYC2960 | Life-Span Human Development | 4.5 | 11-12 | PSYC1810 | SCC | |
| | SENCAP BUSINESS ACADEMY | | | Application | | This academy is located at Seward High. Application is open to all Seward juniors and seniors. |
| BSAD1050 | Introduction to Business | 4.5 | 11-12 | | SCC | |
| ENTR1050 | Introduction to Entrepreneurship | 4.5 | 11-12 | BSAD1050 | SCC | |
| BSAD2520 | Principles of Marketing | 4.5 | 11-12 | BSAD1050 | SCC | |
| BSAD2540 | Principles of Management | 4.5 | 12 | BSAD1050 | SCC | |
| | SENCAP HEALTH ACADEMY | | | Application | | This academy is located at Ridgewood Care Facility in Seward. Application is open to all Seward juniors and seniors. |
| HLTH1020 | Concepts in Health Science | 4.5 | 11-12 | | SCC | |
| SOCI1010 | Introduction to Sociology | 4.5 | 11-12 | | SCC | |
| PSYC1810 | Introduction to Psychology | 4.5 | 11-12 | | SCC | |
| PSYC2960 | Life-Span Human Development | 4.5 | 11-12 | PSYC1810 or SOCI1010 | SCC | |
| FSDT1350 | Basic Nutrition | 4.5 | 12 | | SCC | |
| NURA1401 | Nursing Assistant | 6.5 | 12 | | SCC | |
| MEDA1210 | Comprehensive Medical Terminology | 4.5 | 11-12 | | SCC | |
| MEDA1202 | Communication in Allied Health | 3.0 | 11-12 | ENG1010 | SCC | |
| | SENCAP INFORMATION TECHNOLOGY ACADEMY | | | Application | | This academy is located at a site to be determined. Application is |
| INFO1151 | Computer Fundamentals | 4.5 | 11-12 | | | |
| INFO1431 | Web Page Fundamentals | 3.0 | 11-12 | INFO1151 | SCC | |

| | | | | | | |
|----------|--------------------------------------------------------|-----|-------|------------------------------------|-----|------------------------------------------------------------------------------------------------------------|
| INFO1214 | Program Design & Problem Solving | 4.5 | 11-12 | INFO1151; INFO1431 | SCC | open to all Seward juniors and seniors. |
| INFO1425 | JavaScript | 3.0 | 12 | INFO1151; INFO1431; INFO1214 | SCC | |
| | SENCAP EARLY CHILDHOOD EDUCATION ACADEMY | | | Application | | This academy is located at a site to be determined. Application is open to all Seward juniors and seniors. |
| ECED1150 | Introduction to Early Childhood Education | 4.5 | 11-12 | | SCC | |
| SOCI1010 | Introduction to Sociology | 4.5 | 11-12 | | SCC | |
| PSYC2960 | Life-Span Human Development | 4.5 | 11-12 | ECED1150 | SCC | |
| ECED1120 | Preschool Child Development | 3.0 | 12 | ECED1150 | SCC | |
| PSYC1810 | Introduction to Psychology | 4.5 | 11-12 | ECED1150 | SCC | |
| | SENCAP INDUSTRIAL, MANUFACTURING & ENGINEERING ACADEMY | | | Application | | This academy is held at SCC-Milford. Application is open to all Seward juniors and seniors. |
| ENER1100 | Introduction to Energy Generation and Distribution | 4.5 | 11-12 | | SCC | |
| ENER1110 | Operator Safety | 5.0 | 11-12 | ENER1100 | SCC | |
| MFGT1125 | Materials of Industry | 5.0 | 11-12 | ENER1100; ENER1110 | | |
| MFGT1421 | Manufacturing Processes I | 5.0 | 11-12 | ENER1100; ENER1110; MFGT1125 | | |

SENCAP – Southeast Nebraska Career Academy Partnership; SCC- Southeast Community College

SENCAP EDUCATION ACADEMY

Earn high school and college credit while participating in the SENCAP Education Academy. Jump-start your college career by earning credit now. Education professionals are needed nationwide in a variety of settings: schools, pre-schools, and day cares.

| EDUCATION ACADEMY COURSE SEQUENCE SAMPLE | | | |
|------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|-------------------------------|
| Year One | | Year Two | |
| Semester One (Terms 1 & 2) | Semester Two (Terms 3 & 4) | Semester One (Terms 1 & 2) | Semester Two (Terms 3 & 4) |
| Introduction to Education | Instructional Technology or Interpersonal Relations | Introduction to Sociology or Introduction to Psychology | Life-Span Human Development |

EDUC1110 - INTRODUCTION TO PROFESSIONAL EDUCATION 11-12 10 SHS Credits

Description: The course will provide an overview of education in the United States viewed in terms of history, philosophy, finance, and governance. The course encourages critical thought regarding the role of education in our multicultural society, the role of the teacher, and educational practices in schools while helping students explore education as a prospective career.

Prerequisites: Application to Academy

Dual Enrollment Credit: This course is offered for dual enrollment credit for EDUC1110 (4.5 credits) from Southeast Community College.

PSYC1250 - INTERPERSONAL RELATIONS 11-12 10 SHS Credits

Description: The course is an introduction in personal development and adjustment, self-esteem building, values clarification, and decision making. It also explores interpersonal communication skills, the appreciation of

diversity, and the development of healthy personal and professional relationships.

Prerequisites: Application to Academy and EDUC1110

Dual Enrollment Credit: This course is offered for dual enrollment credit for PSYC1250 (4.5 credits) from Southeast Community College.

PSYC1810 - INTRODUCTION TO PSYCHOLOGY

11-12

10 SHS Credits

Description: The course is an introduction to the science of psychology, including the study of learning theory, memory, personality, growth and development, neurological aspects, and abnormal behavior therapies. Intelligence, motivation, emotion, sensation, perception, and theoretical perspectives are also covered.

Prerequisites: Application to Academy and EDUC1110

Dual Enrollment Credit: This course is offered for dual enrollment credit for PSYC1810 (4.5 credits) from Southeast Community College.

SOCI1010 - INTRODUCTION TO SOCIOLOGY

11-12

10 SHS Credits

Description: The course is an introduction to the basic principles of sociology, including the study of culture, socialization, social structure, and social institutions. Investigative behavior, deviance, inequalities, and theoretical perspectives are also covered.

Prerequisites: Application to Academy and EDUC1110

Dual Enrollment Credit: This course is offered for dual enrollment credit for SOCI1010 (4.5 credits) from Southeast Community College.

EDUC2590 - INSTRUCTIONAL TECHNOLOGY

11-12

10 SHS Credits

Description: The course is an introduction to a variety of technologies and strategies for use in the instructional process to accommodate all learners. The focus will be on the social, ethical, legal, and human issues surrounding the use of technology.

Prerequisites: Application to Academy and EDUC1110

Dual Enrollment Credit: This course is offered for dual enrollment credit for EDUC2590 (4.5 credits) from Southeast Community College.

EDUC1150 - INTRODUCTION TO EARLY CHILDHOOD EDUCATION

11-12

10 SHS Credits

Description: The course is an overview of early childhood education. History, trends, the philosophies of various programs, diversity, inclusion, licensing standards, current legislation, professionalism, and advocacy are examined.

Prerequisites: Application to Academy

Dual Enrollment Credit: This course is offered for dual enrollment credit for EDUC1150 (4.5 credits) from Southeast Community College.

EDUC2300 - INTRODUCTION TO SPECIAL EDUCATION

11-12

10 SHS Credits

Description: The course introduces students to the history, legislation, litigation, instruction, and evaluation of exceptional learners. Overview of the development and characteristics of exceptional learners, cultural issues, and collaboration found in K-12 classrooms is examined.

Prerequisites: Application to Academy and EDUC1110

Dual Enrollment Credit: This course is offered for dual enrollment credit for EDUC2300 (4.5 credits) from Southeast Community College.

PSYC2960 - LIFE-SPAN HUMAN DEVELOPMENT

11-12

10 SHS Credits

Description: The course is a study of the integration of the basic concepts and principles of physical, cognitive, and psychological development at each major stage of life. The course provides an essential background for students in psychology, nursing, education, social welfare, and home economics; for workers in community service; and for parents and prospective students.

Prerequisites: Application to Academy and PSYC1810, or SOCI1010

Dual Enrollment Credit: This course is offered for dual enrollment credit for PSYC2960 (4.5 credits) from Southeast Community College.

SENCAP BUSINESS ACADEMY

Earn high school and college credit while participating in the SENCAP Business Academy. Jump-start your college career by earning college credit now. Explore how to launch a business and market yourself and your products. Learn how to be a profitable business owner or employee.

| BUSINESS ACADEMY COURSE SEQUENCE SAMPLE | | | |
|------------------------------------------------|-------------------------------------------------------------|-------------------------------|-------------------------------|
| Year One | | Year Two | |
| Semester One (Terms 1 & 2) | Semester Two (Terms 3 & 4) | Semester One (Terms 1 & 2) | Semester Two (Terms 3 & 4) |
| Introduction to Business | Introduction to Entrepreneurship or Principles of Marketing | Principles of Marketing | Principles of Management |

BSAD1050 - INTRODUCTION TO BUSINESS

11-12

10 SHS Credits

Description: This course is an introductory study and overview of the role of business in society as well as a discussion of the various disciplines of business, including an overview of business organization, management, marketing, human resource management, and finance. Business vocabulary is used to understand and interpret business news and information.

Prerequisites: Application to Academy

Dual Enrollment Credit: This course is offered for dual enrollment credit for BSAD1050 (4.5 credits) from Southeast Community College.

ENTR1050 - INTRODUCTION TO ENTREPRENEURSHIP

11-12

10 SHS Credits

Description: The student will evaluate the business skills and commitment necessary to successfully operate an entrepreneurial venture and review the challenges and rewards of entrepreneurship. The student will understand the role of entrepreneurial businesses in the United States and the impact on our national and global economy.

Prerequisites: Application to Academy

Dual Enrollment Credit: This course is offered for dual enrollment credit for ENTR1050 (4.5 credits) from Southeast Community College.

BSAD2520 - PRINCIPLES OF MARKETING

11-12

10 SHS Credits

Description: The course is a study of the development of an effective marketing program, including consumer behavior, product, pricing, distribution, and promotional strategies.

Prerequisites: Application to Academy; BSAD1050

Dual Enrollment Credit: This course is offered for dual enrollment credit for BSAD2520 (4.5 credits) from Southeast Community College.

BSAD2540 - PRINCIPLES OF MANAGEMENT

11-12

10 SHS Credits

Description: The course is an introduction to the management theory and practice for supervisors of employees or managers of organizations. Functions of planning, organizing, directing, controlling, and supervising are also covered as well as new and rapidly developing areas of management.

Prerequisites: Application to Academy; BSAD1050

Dual Enrollment Credit: This course is offered for dual enrollment credit for BSAD2540 (4.5 credits) from Southeast Community College.

SENCAP HEALTH ACADEMY

Earn high school and college credit while participating in the SENCAP Health Academy. Jump-start your college career by earning college credit now. Nebraska will continue to need more health care practitioners and health care support specialists through 2018. Earn Basic Nursing Assistant credentials. (Source: Nebraska Workforce Development Labor Trend Data, 2008-2018).

| HEALTH ACADEMY COURSE SEQUENCE SAMPLE | | | |
|-------------------------------------------------------------|--------------------------------------------|--------------------------------|----------------------------------------|
| Year One | | Year Two | |
| Semester One (Terms 1 & 2) | Semester Two (Terms 3 & 4) | Semester One (Terms 1 & 2) | Semester Two (Terms 3 & 4) |
| Introduction to Health Careers and Essentials of Healthcare | Introduction to Sociology, Introduction to | Life-Span Human Development or | Basic Nutrition, Nursing Assistant, or |

| | | | |
|--|-------------------------------------|-----------------------------------|--------------------------------------|
| | Psychology, or Nursing Assistant | Communication in Allied Health | Comprehensive Medical Terminology |
|--|-------------------------------------|-----------------------------------|--------------------------------------|

HLTH1020 – CONCEPTS IN HEALTH SCIENCE

11-12

10 SHS Credits

Description: Experience health careers at a personal level. Explore the essential skills necessary for success in a health career. The course includes a review of the science courses needed, the healthcare industry, diseases and disorders, healthcare terminology, health rules and regulations, and employability.

Prerequisites: Application to Academy

Dual Enrollment Credit: This course is offered for dual enrollment credit for HLTH1020 (4.5 credits) at Southeast Community College.

SOCI1010 - INTRODUCTION TO SOCIOLOGY

11-12

10 SHS Credits

Description: The course is an introduction to the basic principles of sociology, including the study of culture, socialization, social structure, and social institutions. Investigative behavior, deviance, inequalities, and theoretical perspectives are also covered.

Prerequisites: Application to Academy

Dual Enrollment Credit: This course is offered for dual enrollment credit for SOCI1010 (4.5 credits) from Southeast Community College.

PSYC1810 - INTRODUCTION TO PSYCHOLOGY

11-12

10 SHS Credits

Description: The course is an introduction to the science of psychology, including the study of learning theory, memory, personality, growth and development, neurological aspects, and abnormal behavior therapies. Intelligence, motivation, emotion, sensation, perception, and theoretical perspectives are also covered.

Prerequisites: Application to Academy

Dual Enrollment Credit: This course is offered for dual enrollment credit for PSYC1810 (4.5 credits) from Southeast Community College.

PSYC2960 - LIFE-SPAN HUMAN DEVELOPMENT

11-12

10 SHS Credits

Description: The course is a study of the integration of the basic concepts and principles of physical, cognitive, and psychological development at each major stage of life. The course provides an essential background for students in psychology, nursing, education, social welfare, and home economics; for workers in community service; and for parents and prospective students.

Prerequisites: Application to Academy, PSYC1810, or SOCI1010

Dual Enrollment Credit: This course is offered for dual enrollment credit for PSYC2960 (4.5 credits) from Southeast Community College.

MEDA1202 – COMMUNICATION IN ALLIED HEALTH

11-12

10 SHS Credits

Description: The course will introduce students to identify communication skills, including verbal and nonverbal communication, threats and barriers to communication, and effective communication with health care peers and professionals. Other topics include communication related to multicultural differences, life stage development, and life-altering illnesses.

Prerequisites: Application to Academy; Introduction to Composition – ENGL1010

Dual Enrollment Credit: This course is offered for dual enrollment credit for MEDA1202 (3.0 credits) from Southeast Community College.

FSDT1350 – BASIC NUTRITION

12

10 SHS Credits

Description: The course will include the study of nutrients, digestion, absorption, metabolism, fitness, consumer concerns, food safety, and nutrition throughout the life cycle, including cultural influences on food selection. The relation of nutrition to disease is explored.

Prerequisites: Application to Academy

Dual Enrollment Credit: This course is offered for dual enrollment credit for FSDT1350 (4.5 credits) from Southeast Community College.

NURA1101 – NURSING ASSISTANT

11-12

10 SHS Credits

Description: The course teaches basic nursing skills such as bathing, feeding, ambulation, transferring, and toileting. The course is approved by the Nebraska Department of Health and Human Services Regulation and Licensure. Successful completion of this course allows the student to be placed on the Nebraska Nursing Assistant Registry. Nursing assistants may work in long-term care facilities, hospitals, home health care, hospice, or mental health facilities.

Prerequisites: Application to Academy; MEDA1101

Dual Enrollment Credit: This course is offered for dual enrollment credit for NURA1101 (6.5 credits) from Southeast Community College.

MEDA1210 – COMPREHENSIVE MEDICAL TERMINOLOGY

11-12

10 SHS Credits

Description: The course will introduce students to medical terminology, word parts, and abbreviations relating to all body systems. Terms are included from anatomy, physiology, pathology, pharmacology, diagnostic procedures, therapeutic procedures, and surgical procedures.

Prerequisites: Application to Academy; Introduction to Health Careers & Essentials of Healthcare

Dual Enrollment Credit: This course is offered for dual enrollment credit for MEDA1101 (4.5 credits) from Southeast Community College.

SENCAP INFORMATION TECHNOLOGY ACADEMY

Earn high school and college credit while participating in the SENCAP Information Technology Academy. Jump-start your college career by earning college credit now. Nebraska has a growing need for all computer technology occupations through 2018. (Source: Nebraska Workforce Development Labor Trend Data, 2008-2018).

| INFORMATION TECHNOLOGY ACADEMY COURSE SEQUENCE SAMPLE | | | |
|--------------------------------------------------------------|-------------------------------|----------------------------------|-------------------------------|
| Year One | | Year Two | |
| Semester One (Terms 1 & 2) | Semester Two (Terms 3 & 4) | Semester One (Terms 1 & 2) | Semester Two (Terms 3 & 4) |
| Computer Fundamentals | Web Page Fundamentals | Program Design & Problem Solving | JavaScript |

INFO1151 – COMPUTER FUNDAMENTALS

11-12

10 SHS Credits

Description: The course will introduce fundamentals of computer concepts and terminology. Topics include hardware components, software overview, business and social aspects, and computer Internet searching.

Prerequisites: Application to Academy

Dual Enrollment Credit: This course is offered for dual enrollment credit for INFO1151 (4.5 credits) from Southeast Community College.

INFO1431 – WEB PAGE FUNDAMENTALS

11-12

10 SHS Credits

Description: The course will provide an overview of basic web page design. Students will create and edit web pages, including images, hyperlinks, tables, forms, and cascading style sheets.

Prerequisites: Application to Academy; INFO 1151

Dual Enrollment Credit: This course is offered for dual enrollment credit for INFO1431 (3.0 credits) from Southeast Community College.

INFO1214 – PROGRAM DESIGN & PROBLEM SOLVING

11-12

10 SHS Credits

Description: The course will introduce fundamental concepts of structured programming techniques. Topics include top-down design, hierarchy charts, flow charts, and pseudocode.

Prerequisites: Application to Academy; INFO1151

Dual Enrollment Credit: This course is offered for dual enrollment credit for INFO1227 (4.5 credits) from Southeast Community College.

INFO1314 – JAVASCRIPT

12

10 SHS Credits

Description: The course will introduce client-side Web programming using JavaScript and jQuery library and functions.

Prerequisites: Application to Academy; INFO1214, INFO1431

Dual Enrollment Credit: This course is offered for dual enrollment credit for INFO1314 (3.0 credits) from Southeast Community College.

SENCAP EARLY CHILDHOOD TRACK ACADEMY

Earn high school and college credit while participating in the SENCAP Early Childhood Track Academy. Jump-start your college career by earning credit now. Education professionals are needed nationwide in a variety of settings: pre-schools, day cares, and elementary schools.

| EARLY CHILDHOOD TRACK ACADEMY COURSE SEQUENCE SAMPLE | | | |
|-------------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Year One | | Year Two | |
| Semester One (Terms 1 & 2) | Semester Two (Terms 3 & 4) | Semester One (Terms 1 & 2) | Semester Two (Terms 3 & 4) |
| Introduction to Early Childhood Education | Introduction to Sociology | Life-Span Human Development | Preschool Child Development |

ECED1150 - INTRODUCTION TO EARLY CHILDHOOD EDUCATION **11-12** **10 SHS Credits**

Description: The course is an overview of early childhood education. History, trends, program philosophies, diversity, inclusion, licensing standards, current legislation, professionalism, and advocacy are examined.

Prerequisites: Application to Academy

Dual Enrollment Credit: This course is offered for dual enrollment credit for ECED1150 (4.5 credits) from Southeast Community College.

SOCI1010 - INTRODUCTION TO SOCIOLOGY **11-12** **10 SHS Credits**

Description: The course is an introduction to the basic principles of sociology, including the study of culture, socialization, social structure, and social institutions. Investigative behavior, deviance, inequalities, and theoretical perspectives are also covered.

Prerequisites: Application to Academy

Dual Enrollment Credit: This course is offered for dual enrollment credit for SOCI1010 (4.5 credits) from Southeast Community College.

PSYC2960 - LIFE-SPAN HUMAN DEVELOPMENT **12** **10 SHS Credits**

Description: The course is a study of the integration of the basic concepts and principles of physical, cognitive, and psychological development at each major stage of life. The course provides an essential background for students in psychology, nursing, education, social welfare, and home economics; for workers in community service; and for parents and prospective students.

Prerequisites: Application to Academy, PSYC1810, or SOCI1010

Dual Enrollment Credit: This course is offered for dual enrollment credit for PSYC2960 (4.5 credits) from Southeast Community College.

ECED1120 - PRESCHOOL CHILD DEVELOPMENT **12** **10 SHS Credits**

Description: The course focuses on typical/atypical development of the child ages 3 through 5 years, in the domains of physical growth and motor skills, cognition and language, and social/emotional development.

Prerequisites: Application to Academy

Dual Enrollment Credit: This course is offered for dual enrollment credit for ECED1120 (3.0 credits) from Southeast Community College.

SENCAP INDUSTRIAL, MANUFACTURING & ENGINEERING ACADEMY

Earn high school and college credit while participating in the SENCAP Industrial, Manufacturing & Engineering Academy. Jump-start your college career by earning credit now. Nebraska has a growing need for all computer technology occupations through 2018. (Source: Nebraska Workforce Development Labor Trend Data, 2008-2018)

| INDUSTRIAL, MANUFACTURING & ENGINEERING COURSE SEQUENCE SAMPLE | | | |
|---------------------------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Year One | | Year Two | |
| Semester One (Terms 1 & 2) | Semester Two (Terms 3 & 4) | Semester One (Terms 1 & 2) | Semester Two (Terms 3 & 4) |
| Introduction to Energy Generation and Distribution | Operator Safety | Materials of Industry | Manufacturing Processes I |

ENER1100 – INTRODUCTION TO ENERGY GENERATION **11-12** **10 SHS Credits**

Description: The course is an introduction to the history of electric and fluid power in the U.S., including deregulation. Private and public utilities are discussed. Methods of commercial power generation, including fossil fuels, nuclear power and renewable energy generation are covered. Electrical transmission and distribution systems, and system reliability and governance are also covered.

Prerequisites: Application to Academy

Dual Enrollment Credit: This course is offered for dual enrollment credit for ENER1100 (4.5 credits) from Southeast Community College.

AUTT1001 – OPERATOR SAFETY **11-12** **10 SHS Credits**

Description: The course will include operator-based safety topics including: OSHA 10-hour general industry certification, human performance tools, personal protective equipment, ladders, body harnesses, confined space, lock-out/tag-out, MSDS, and fire extinguishers. Students will perform a supervised climb with fall-arrest protection to above 20 feet. This course also provides aerial life and forklift training, arc flash awareness, and industrial accident case studies.

Prerequisites: Application to Academy; ENER1110

Dual Enrollment Credit: This course is offered for dual enrollment credit for ENER1100 (5.0 credits) from Southeast Community College.

MFGT1125 – MATERIALS OF INDUSTRY **11-12** **10 SHS Credits**

Description: The course is an introduction to materials (steels, irons, etc.) used in industry. Properties, uses, specifications, availability, and heat treatment will be covered.

Prerequisites: Application to Academy; ENER1100, ENER1110

Dual Enrollment Credit: This course is offered for dual enrollment credit for MFGT1125 (5.0 credits) from Southeast Community College.

MFGT1421 – MANUFACTURING PROCESSES I **11-12** **10 SHS Credits**

Description: The course is an introduction to the theory and safe operation of machine and hand tools. Metrology, the five basic machining techniques (drilling, turning, boring, milling, and grinding), tool geometry, speeds, feeds, and cutting fluids will be covered.

Prerequisites: Application to Academy; ENER1100, ENER1110, MFGT1125

Dual Enrollment Credit: This course is offered for dual enrollment credit for MFGT1421 (5.0 credits) from Southeast Community College.

OTHER POST-SECONDARY OPPORTUNITIES

| Course # | Course Name | College Credits | Grade | Prerequisites | College Where Credit Is Earned | ACT Core |
|----------------|-------------------------|-----------------|-------|---------------|--------------------------------|----------|
| OTHER PROGRAMS | | | | | | |
| Various | Nebraska Now | 3 | 12 | 24+ on ACT | UNL | |
| Various | Online Learning Courses | 4.5 | 12 | 20+ on ACT | SCC | |
| MATH186 | Calculus II | 5 | 12 | AP Calculus | CU | * |

AP – Advanced Placement; UNL – University of Nebraska at Lincoln; SCC – Southeast Community College; CU – Concordia University

NEBRASKA NOW COURSES

Description: Seniors may take select online courses from the University of Nebraska at Lincoln. All courses are regular first-year offerings from the various colleges within the University of Nebraska system. The course syllabi, textbooks, assignments, and grading practices are the same as those used by the faculty for on-campus classes. Students who successfully complete these courses earn college credit, verified by an official UNL transcript. Students/parents are responsible for the cost of tuition and books for this class.

Prerequisites: 24+ on ACT.

ONLINE LEARNING COURSES

Description: Seniors may take select online learning courses through Southeast Community College. All courses are regular first-year offerings from SCC. The course syllabi, textbooks, assignments, and grading practices are the same as those used by the faculty for on-campus classes. Students who successfully complete these courses earn college credit, verified by an official SCC transcript. Students/parents are responsible for the cost of tuition and books for this class.

Prerequisites: 20+ on ACT.

MATH 186 CALCULUS II

Description: Seniors may take an on-campus Calculus II course at Concordia University. Topics studied include integration, analytical geometry and vectors in two-dimensional space, and techniques of integration. Students/parents are responsible for the cost of tuition and books for this class.

Prerequisites: “B” or higher in Seward High School’s AP Calculus course. This course is for college credits (5.0) at Concordia University.

APPENDIX

9TH GRADE 2019 - 2020 COURSE LISTING

| CRS# | Course Title | Terms | Credit | CRS# | Course Title | Terms | Credit |
|-------------------------------------------------|-------------------------------------------|-------|--------|-----------------------------------------------------|-------------------------------------------|-------|--------|
| AGRICULTURE (Vocational) | | | | PHYSICAL ED/HEALTH (PE/Health) | | | |
| 810 | Intro to AgriScience CASE | 1 | 5 | 1528 | PE I | 1 | 5 |
| ART | | | | 1527 | *Health | 1 | 5 |
| 718 | Art Appreciation | 1 | 5 | 1527 | Strength Training (Instructor Permission) | 1 | 5 |
| 717 | 2D Design (Art Appreciation) | 1 | 5 | SCIENCE | | | |
| 718 | Ceramics and Sculpture (Art Appreciation) | 1 | 5 | 320 | *Biology | 2 | 10 |
| BUSINESS / COMPUTERS (Vocational) | | | | SKILLED & TECHNICAL SCIENCE (Vocational) | | | |
| 849 | Intro to Business, Mktng, Mgmt | 1 | 5 | 1314 | Intro to Woodworking | 1 | 5 |
| 829 | *Info Tech Fundamentals | 1 | 5 | 1348 | AED - Arch & Eng Design | 1 | 5 |
| 831 | *Info Tech Apps I | 1 | 5 | 1349 | Advanced AED (AED) | 1 | 5 |
| 832 | Info Tech Apps II (Info Tech Apps I) | 1 | 5 | 1350 | MED - Mech & Eng Design | 1 | 5 |
| 830 | Web Design (Info Tech Apps I) | 1 | 5 | 1351 | Advanced MED (MED) | 1 | 5 |
| 838 | Programming (Web Design) | 1 | 5 | 1352 | 3-D Animation | 1 | 5 |
| ENGLISH | | | | SOCIAL STUDIES | | | |
| 120 | *English 9 | 2 | 10 | 437 | *World History/Geography | 2 | 10 |
| FAMILY AND CONSUMER SCIENCE (Vocational) | | | | 438 | AP Human Geography | 2 | 10 |
| 1223 | Intro to FCS | 1 | 5 | WORLD LANGUAGE | | | |
| 1210 | Nutrition and Wellness (Intro to FCS) | 1 | 5 | 1121 | Spanish I | 2 | 10 |
| 1218 | Parenting | 1 | 5 | 1122 | Spanish II (Spanish I) | 2 | 10 |
| MATH | | | | FIFTH PERIOD | | | |
| 233 | Algebra IA | 2 | 10 | 1000 | ACCESS | | |
| 234 | Algebra IB (Algebra IA) | 2 | 10 | * Indicates Required Courses for Graduation | | | |
| 230 | Algebra I | 2 | 10 | MUSIC | | | |
| 221 | Geometry (Algebra or Alg IA/IB) | 2 | 10 | <u>Symphonic Band (No Choir):</u> | | | |
| 231 | Algebra II (Geometry or Int. Algebra) | 2 | 10 | 1527B | Health - Sem 2 | 2 | 5 |
| | | | | 1527B | Strength Training - Sem 2 | 2 | 5 |
| | | | | 831B | Info Tech Apps I - Sem 2 | 2 | 5 |
| | | | | 810B | Intro to AgriScience CASE - Sem 2 | 2 | 5 |
| | | | | <u>Choir (No Band):</u> | | | |
| | | | | 1528A | PE I - Sem 1 | 2 | 5 |
| | | | | 1527A | Strength Training - Sem 1 and/or 2 | 2 | 5 |
| | | | | 1527A | Health - Sem 2 | 2 | 5 |
| | | | | 1431A | Pop Music - Sem 2 | 2 | 5 |
| | | | | 831A | Info Tech Apps I - Sem 2 | 2 | 5 |
| | | | | 810A | Intro to AgriScience CASE - Sem 2 | 2 | 5 |

Graduation Requirements - 235 Credit Hours

English -- 40 Hours
 Speech -- 5 Hours
 Mathematics -- 30 Hours
 Science -- 30 Hours
 Social Science -- 35 Hours

PE and Health -- 15 Hours
 Computer Science -- 5 Hours
 Arts / World Lang -- 5 Hours
 Vocational -- 5 Hours
 Personal Finance -- 5 Hours
 Electives -- 60 Hours

Student Name _____

Class of 2023

2019 - 2020 Course Requests 16 Selections

| | | | |
|----------------------|-----------------------------------------|--------------|--------|
| ENGLISH: | ENGLISH 9 | ELECTIVE: | _____ |
| ENGLISH: | ENGLISH 9 | ELECTIVE: | _____ |
| MATH: | _____ | ELECTIVE: | _____ |
| MATH: | _____ | ELECTIVE: | _____ |
| SCIENCE: | BIOLOGY | ELECTIVE: | _____ |
| SCIENCE: | BIOLOGY | ELECTIVE: | _____ |
| SOCIAL STUDIES: | World Geo/History or AP Human Geography | (Alternate): | _____ |
| SOCIAL STUDIES: | World Geo/History or AP Human Geography | (Alternate): | _____ |
| SPANISH OR ELECTIVE: | _____ | (Alternate): | _____ |
| SPANISH OR ELECTIVE: | _____ | (Alternate): | _____ |
| 5th PERIOD: | ACCESS | 5th PERIOD: | ACCESS |

First Period Skinnies Semester One:

Marching Band / PE I (1528B)
 Marching Band / Strength Training (1527B)

Marching Band / Choir (1426B)

PE I (1528A) / Choir (1426B)
 Strength Training (1527A) / Choir (1426B)

First Period Skinnies Semester Two:

Symphonic Band / Health (1527B)
 Symphonic Band / Info Tech Apps I (831B)
 Symphonic Band / Strength Training (1527B)
 Symphonic Band / Intro to AgriScience CASE (610B)

Symphonic Band / Choir (1427B)

Health (1527A) / Choir (1427B)
 Info Tech Apps I (831A) / Choir (1427B)
 Pop Music / Choir (1427B)
 Strength Training (1527A) / Choir (1427B)
 Intro to AgriScience CASE (610A) / Choir (1427B)

1. Select your courses wisely, as your choices will make the schedule.
 Sign up for the courses you plan to take; you will be expected to stay enrolled in your choices in the fall.
2. Please confer with parents/guardians, as well as your current teachers to make the best choices for your future.
3. Alternate courses MUST be included.
4. This form must be signed by you and your parent/guardian.

 Student Signature

 Parent / Guardian Signature

10TH GRADE 2019 - 2020 COURSE LISTING

*Indicates a course required for graduation

| CRSE | Course Title | Terms | Credit | CRSE | Course Title | Terms | Credit | CRSE | Course Title | Terms | Credit |
|------------------------------------------|-----------------------------------------------------|-------|--------|---------------------------------------------|-------------------------------------------------|-------|--------|-------------------------------------------------------------|-------------------------------------------------|-------|--------|
| AGRICULTURE (Vocational) | | | | FAMILY CONSUMER SCIENCE (Vocational) | | | | SCIENCE | | | |
| 610 | Intro to Agriscience CASE | 1 | 5 | 1223 | Intro to FCS | 1 | 5 | 320 | *Biology | 2 | 10 |
| 601 | Horticulture (Intro to Agric) | 1 | 5 | 1210 | Nutrition and Wellness (Intro to FCS) | 1 | 5 | 321 | *Physical Science | 2 | 10 |
| 615 | Animal Science CASE (Intro to Agric) | 1 | 5 | 1215 | Ethnic Cooking (Nutrition and Wellness) (19-20) | 1 | 5 | 368 | Physiology (Biology + Physical Science) | 1 | 5 |
| 602 | Adv Horticulture (Hort) | 1 | 5 | 1218 | Parenting | 1 | 5 | 364 | AP Environmental Science (Biology) Teacher Rec. | 2 | 10 |
| 612 | Advanced Agriscience CASE (Intro to Agric) | 1 | 5 | 1227 | Leading Young Children (Parenting) | 1 | 5 | SKILLED & TECHNICAL SCIENCE (Voc) | | | |
| ART | | | | MATH | | | | 1221 Housing and Interior Design (Intro to FCS) (19-20) 1 5 | | | |
| 716 | Art Appreciation | 1 | 5 | 233 | Algebra IA | 2 | 10 | 1248 | AED-Arch and Eng Design | 1 | 5 |
| 717 | 2D Design (Art Appreciation) | 1 | 5 | 234 | Algebra IB (Algebra IA) | 2 | 10 | 1249 | Advanced AED (AED) | 2 | 10 |
| 718 | Ceramics Sculpture (Art Appreciation) | 1 | 5 | 235 | Algebra I | 2 | 10 | 1290 | MED-Mech and Eng Design | 1 | 5 |
| 719 | Drawing/Painting (2D Design) | 1 | 5 | 236 | Basic Geometry (Algebra or Alg I/IB) | 2 | 10 | 1291 | Advanced MED (MED) | 2 | 10 |
| 720 | Wheel Thrown Ceramics (Ceramics) | 1 | 5 | 221 | Geometry (Algebra I or Alg I/IB) | 2 | 10 | 1214 | Intro to Woodworking | 1 | 5 |
| 723 | Graphic Design (2D Design & Dig Photo) | 1 | 5 | 250 | Intermediate Algebra (Geom or Bas Geom) | 2 | 10 | 1215 | Advanced Woodworking (Intro to Wood) | 1 | 5 |
| 722 | Digital Photography (Art Appreciation) | 1 | 5 | 231 | Algebra II (Geometry or Int Algebra) | 2 | 10 | 1226 | Welding | 1 | 5 |
| BUSINESS / COMPUTERS (Vocational) | | | | PHYSICAL ED/HEALTH | | | | SOCIAL STUDIES | | | |
| 809 | Intro to Business, Mktg, Mgmt | 1 | 5 | 1528 | PE I | 1 | 5 | 427 | *World History/Geography | 2 | 10 |
| 802 | Entrepreneurship (Intro to Bus) (19-20) | 1 | 5 | 1527 | *Health | 1 | 5 | 428 | AP Human Geography | 2 | 10 |
| 829 | *Info Tech Fundamentals | 1 | 5 | 1532 | Strength Training (PE I) | 1 | 5 | 429 | *United States History | 2 | 10 |
| 821 | *Info Tech Apps I | 1 | 5 | 1534 | Agility and Strength (PE I) | 1 | 5 | 468 | AP US History pre-1877 | 2 | 10 |
| 822 | *Info Tech Apps II (Info Tech Apps I) | 1 | 5 | 1536 | Lifetime Sports (PE I) | 1 | 5 | 462 | AP US History post-1877 | 2 | 10 |
| 820 | Web Design (Info Tech Apps I) | 1 | 5 | WORLD LANGUAGE | | | | 481 | *American Govt | 2 | 10 |
| 826 | Programming (Web Design) | 1 | 5 | MUSIC | | | | | | | |
| 823 | Business Law (IB-LL) | 1 | 5 | Choir (No Band): | | | | Marching Band (No Choir): | | | |
| ENGLISH | | | | 151A Speech - Sem 1 2 5 | | | | 151B Speech - Sem 1 2 5 | | | |
| 120 | *English I | 2 | 10 | 1523A | Strength Training - Sem 1 | 2 | 5 | 1520B | Strength Training - Sem 1 | 2 | 5 |
| 121 | *English II (Eng II) | 2 | 10 | 832A | Info Tech Apps II (Info Tech Apps I) - Sem 1 | 2 | 5 | 1607B | Jazz Band - Sem 1 (Try Out) | 2 | 5 |
| 121 | *English III (Eng III) | 2 | 10 | 837A | Business Law - Sem 1 (IB-LL) | 2 | 5 | 832B | Info Tech Apps II (Info Tech Apps I) - Sem 1 | 2 | 5 |
| 121 | *Speech | 1 | 5 | 837B | Business Law - Sem 2 (IB-LL) | 2 | 5 | 837B | Business Law - Sem 2 (IB-LL) | 2 | 5 |
| | | | | 151A Speech - Sem 2 2 5 | | | | Symphonic Band (No Choir): | | | |
| | | | | 1523A Strength Training - Sem 2 2 5 | | | | 151AB Speech - Sem 2 2 5 | | | |
| | | | | 1623A Pop Music - Sem 2 2 5 | | | | 1520B Strength Training - Sem 2 2 5 | | | |
| | | | | 1533A Lifetime Sports - Sem 2 2 5 | | | | 1607B Jazz Band - Sem 2 (Try Out) 2 5 | | | |
| | | | | 612A Intro to Agriscience CASE - Sem 2 2 5 | | | | 1520B Lifetime Sports - Sem 2 2 5 | | | |
| | | | | | | | | 612B Intro to Agriscience CASE - Sem 2 2 5 | | | |
| FIFTH PERIOD | | | | | | | | | | | |
| CRSE | Course Title | Terms | Credit | CRSE | Course Title | Terms | Credit | CRSE | Course Title | Terms | Credit |
| 6162 | Companion Animal / Equine Science (19-20) | 2 | 5 | 1252 | Narration Literature | 2 | 5 | 14182 | Wind Ensemble (Try Out) | 2 | 5 |
| 6022 | Inventory Management (Advanced Accounting) (IB-Inv) | 2 | 5 | 1602 | Multimedia (Mult apply) | 2 | 5 | 15262 | PE II | 2 | 5 |
| 6012 | Veterinary Science (Advanced Science) (IB-Vet) | 2 | 5 | 1642 | Public Speaking | 2 | 5 | 15212 | Female Fitness | 2 | 5 |
| 6012 | AgrilBusiness (Intro to Ag) (19-20) | 2 | 5 | 1622 | Drama | 2 | 5 | 22482 | Meteorology (Physical Science) | 2 | 5 |
| 8522 | Sports and Entertainment Marketing | 2 | 5 | 12162 | Parenting | 2 | 5 | 6452 | Business Law - Sem 2 (IB-LL) | 2 | 5 |
| 8332 | Microsoft Office Specialist (Info Tech II) | 2 | 5 | 12432 | Leadership Development (paired with ACT Prep) | 1 | 5 | 6462 | Business Law - Sem 2 (IB-LL) | 2 | 5 |
| 8342 | Microsoft Office Expert (M.O. Specialist) | 2 | 5 | 12442 | Sewing | 2 | 5 | 4872 | History of World War II (19-20) | 2 | 5 |
| 8352 | Web Design Development (Web Design) | 2 | 5 | 13622 | 3-D Animation | 2 | 5 | 11262 | Spanish V (Spanish IV) | 2 | 5 |
| 10322 | AP Study | 2 | 5 | 14112 | Select Choir (Try Out) | 2 | 5 | 17022 | ACT Prep (paired with Leadership Development) | 1 | 2.5 |
| 1242 | Short Stories | 2 | 5 | | | | | | | | |

Student Name _____

Class of 2022

2019 - 2020 Course Requests 16 Selections

| | | | |
|----------------------|-------------------------|------------------|-------|
| ENGLISH: | <u>ENGLISH 10</u> | ELECTIVE: | _____ |
| ENGLISH: | <u>ENGLISH 10</u> | ELECTIVE: | _____ |
| MATH: | _____ | ELECTIVE: | _____ |
| MATH: | _____ | ELECTIVE: | _____ |
| SCIENCE: | <u>PHYSICAL SCIENCE</u> | ELECTIVE: | _____ |
| SCIENCE: | <u>PHYSICAL SCIENCE</u> | ELECTIVE: | _____ |
| SOCIAL STUDIES: | _____ | (Alternate:) | _____ |
| SOCIAL STUDIES: | _____ | (Alternate:) | _____ |
| SPANISH OR ELECTIVE: | _____ | (Alternate:) | _____ |
| SPANISH OR ELECTIVE: | _____ | (Alternate:) | _____ |
| 5th PERIOD: | _____ | 5th PERIOD: | _____ |
| (5th Alternate:) | _____ | (5th Alternate:) | _____ |

First Period Skinnies Semester One:

- Marching Band / PE I (1528B)
- Marching Band / Speech (151B)
- Marching Band / Info Tech Apps II (832B)
- Marching Band / Strength Training (1532B)

- Marching Band / Jazz Band Sem 1 (14071B)
- Marching Band / Choir (1426B)

- PE I (1528A) / Choir (1426B)
- Speech (151A) / Choir (1426B)
- Info Tech Apps II (832A) / Choir (1427B)
- Strength Training (1532A) / Choir (1426B)

First Period Skinnies Semester Two:

- Symphonic Band / Health (1527B)
- Symphonic Band / Info Tech Apps I (831B)
- Symphonic Band / Speech (151B)
- Symphonic Band / Strength Training (1532B)
- Symphonic Band / Lifetime Sports (1533B)

- Symphonic Band / Intro to AgriScience CASE (610B)
- Symphonic Band / Jazz Band Sem 2 (14072B)
- Symphonic Band / Choir (1427B)
- Health (1527A) / Choir (1427B)
- Info Tech Apps I (831A) / Choir (1427B)
- Speech (151A) / Choir (1427B)
- Pop Music / Choir (1427B)
- Lifetime Sports (1533A) / Choir (1427B)
- Strength Training (1532A) / Choir (1427B)
- Intro to AgriScience CASE (610A) / Choir (1427B)

1. Select your courses wisely, as your choices will make the schedule. Sign up for the courses you plan to take, as you will be expected to stay enrolled in your choices in the fall.
2. Please confer with parents/guardians, as well as your current teachers to make the best choices for your future.
3. Alternate courses **MUST** be included. Alternates will be used if selected courses are unavailable.
4. This form must be signed by you and your parent/guardian.

Student Signature _____

Parent / Guardian Signature _____

Graduation Requirements - 235 Credit Hours

English -- 40 Hours
 Speech -- 5 Hours
 Mathematics -- 30 Hours
 Science -- 30 Hours

Social Science -- 35 Hours
 PE and Health -- 15 Hours
 Computer Science -- 5 Hours
 Arts / World Lang -- 5 Hours

Vocational -- 5 Hours
 Personal Finance -- 5 Hours
 Electives -- 60 Hours

11TH GRADE 2019 - 2020 COURSE LISTING

*Indicates a course required for graduation

| CRS# | Course Title | Terms | Credit | CRS# | Course Title | Terms | Credit | CRS# | Course Title | Terms | Credit | | | | |
|---------------------------------------------|--------------------------------------------------------------|-------|--------|-----------------------------------------------------|-----------------------------------------------------|-------|--------|-----------------------------------------------------|-----------------------------------------------|-------|--------|-----|--------------------------------------|--|---|
| AGRICULTURE (Vocational) | | | | FAMILY CONSUMER SCIENCE (Continued) | | | | SKILLED & TECHNICAL SCIENCE (Continued) | | | | | | | |
| 610 | Intro to Agriscience CASE | | 1 | 1231 | Housing and Interior Design (Intro to FCI) (19-20) | | 1 | 1216 | Intro to Woodworking | | 1 | | | | |
| 621 | Horticulture (Intro to AgSci) - CA DUAL CREDIT | | 1 | | | | | 1215 | Advanced Woodworking (Intro to Woodc) | | 1 | | | | |
| 615 | Animal Science CASE (Intro to AgSci) | | 1 | | | | | 1242 | Building Construction (Adv Cabinetry) | | 2 | | | | |
| ART | | | | MATH | | | | SOCIAL STUDIES | | | | | | | |
| 617 | Advanced Animal Science CASE (Intro to AgSci) | | 1 | 223 | Algebra IA | | 2 | 1235 | Welding | | 1 | | | | |
| 632 | Adv Horticulture (Hon) | | 1 | 234 | Algebra IB (Algebra II) | | 2 | 1246 | Small Engines | | 1 | | | | |
| 681 | Wildlife Management (Intro to AgSci) (off-site) | | 1 | 220 | Algebra I | | 2 | 1252 | 3-D Animation | | 1 | | | | |
| 634 | Food Science (Intro to AgSci) (19-20) | | 1 | 220 | Basic Geometry (Algebra or Alg I/IB) | | 2 | | | | | | | | |
| 612 | Advanced Agriscience CASE (Intro to AgSci) | | 1 | 221 | Geometry (Algebra or Alg I/IB) | | 2 | | | | | | | | |
| 633 | Landscape Design (Horticulture) (19-20) | | 1 | 250 | Intermediate Algebra (Geometry or Basic Geometry) | | 2 | | | | | | | | |
| ART | | | | 221 | Algebra II (Geometry or Int. Alg) | | 2 | | | | | | | | |
| 716 | Art Appreciation | | 1 | 228 | College Algebra (Algebra I) DUAL CREDIT | | 1 | | | | | | | | |
| 717 | 2D Design (Art Appreciation) | | 1 | 247 | Data Analysis (Algebra II) | | 1 | | | | | | | | |
| 718 | Ceramics/Sculpture (Art Appreciation) | | 1 | 248 | AP Statistics (Data Analysis) | | 1 | | | | | | | | |
| 719 | Drawing/Painting (2D Design) | | 1 | 241 | Trigonometry (Algebra II) | | 1 | | | | | | | | |
| 720 | Wheel Thrown Ceramics (Ceramics) | | 1 | 245 | Pre-Calculus (Trig) | | 1 | | | | | | | | |
| 723 | Graphic Design (2D Design & Dig Photo) | | 1 | 244 | AP Calculus (Pre-Calculus) DUAL CREDIT | | 3 | | | | | | | | |
| 722 | Digital Photography (Art Appreciation) | | 1 | Calculus II (at Concordia - S) (AP Calculus) | | | | 2 | 0 | | | | | | |
| 726 | Art History | | 1 | PERSONAL FINANCE | | | | WORLD LANGUAGE | | | | | | | |
| BUSINESS / COMPUTERS (Vocational) | | | | 843 | *Personal Finance | | 1 | 1121 | Spanish I | | 2 | | | | |
| 849 | Intro to Business, Mgmt, Mgmt | | 1 | PHYSICAL ED/HEALTH (PE/Health) | | | | 1122 | Spanish II (Spanish I) | | 2 | | | | |
| 852 | Entrepreneurship (Intro to Bus) (19-20) | | 1 | 1528 | PE I | | 1 | 1123 | Spanish III (Spanish II) | | 2 | | | | |
| 829 | *Info Tech Fundamentals | | 1 | 1527 | *Health | | 1 | 1124 | Spanish IV (Spanish III) | | 2 | | | | |
| 831 | *Info Tech Apps I | | 1 | 1532 | Strength Training | | 1 | CAREER ACADEMY (on-site/ on-line / off-site) | | | | | | | |
| 832 | Info Tech Apps II (Info Tech Apps I) | | 1 | 1534 | Agility and Strength | | 1 | | | | | | | | |
| 830 | Web Design (Info Tech Apps I) | | 1 | 1535 | Lifetime Sports | | 1 | | | | | | | | |
| 836 | Programming (Web Design) | | 1 | SCIENCE | | | | | | | | 909 | CA Web Page Fundamentals | | 2 |
| 853 | Business Law (off-site) | | 1 | 120 | *Biology | | 2 | | | | | 902 | CA Intro to Sociology | | 2 |
| 854 | Accounting (Info Tech II) | | 2 | 221 | *Physical Science | | 2 | | | | | 903 | CA Intro to Psychology | | 2 |
| ENGLISH | | | | 346 | Physiology (Biology) | | 1 | | | | | 904 | CA Life-Span Human Development | | 2 |
| 120 | *English 9 | | 2 | 345 | Anatomy (Biology and Physiology) | | 1 | | | | | 905 | CA Intro to PreK/Childhood Education | | 2 |
| 121 | *English 10 (Eng II) | | 2 | 342 | Chemistry (Algebra II) | | 2 | | | | | 906 | CA Intro to Early Childhood Ed | | 2 |
| 121 | *English 11 (Eng III) | | 2 | 323 | Applied Physics (Geometry) | | 2 | | | | | 907 | CA Intro to Special Education | | 2 |
| 122 | *English 11 - Honors (Teacher Recommendation) | | 2 | 332 | Physics (Alg I and Physical Science) | | 2 | 908 | CA Intro to Professional Education | | 2 | | | | |
| 151 | *Speech | | 1 | 341 | AP Biology (Physical Science / Biology) DUAL CREDIT | | 2 | 910 | CA Intro to Business | | 2 | | | | |
| 152 | Advanced Speech (Speech) | | 1 | 344 | AP Environmental Science (Biology) | | 2 | 911 | CA Intro Health/Essentials of Healthcare | | 2 | | | | |
| FAMILY CONSUMER SCIENCE (Vocational) | | | | SKILLED & TECHNICAL SCIENCE (Vocational) | | | | 912 | CA Basic Nursing Assistant | | 2 | | | | |
| 1223 | Intro to FCI | | 1 | 1348 | AED-Arch and Eng Design | | 1 | 915 | CA Principles of Marketing | | 2 | | | | |
| 1212 | Nutrition and Wellness (Intro to FCI) | | 1 | 1349 | Advanced AED (AED) | | 1 | 916 | CA Basic Nutrition | | 2 | | | | |
| 1215 | Ethnic Cooking (Nutr, Foods, or Sports Nutr) (19-20) | | 1 | 1350 | MED-Mech and Eng Design | | 1 | 917 | CA Inter-Personal Relations | | 2 | | | | |
| 1226 | Culinary Arts (Nutr, Foods, or Sports Nutr) | | 1 | 1251 | Advanced MED (MED) | | 1 | 918 | CA Principles of Management | | 2 | | | | |
| 1228 | Prostat 1 (Culinary Arts) (19-18) | | 1 | OTHER: Non-High School Credit Courses | | | | 919 | CA Comprehensive Medical Terminology | | 2 | | | | |
| 1218 | Parenting | | 1 | | | | | 901 | CA Computer Fundamentals | | 2 | | | | |
| 1227 | Leading Young Children (Parenting) | | 1 | | | | | Additional Opportunities | | | | | | | |
| 1242 | Childcare Practicum (Leading Young Children) | | 1 | | | | | CA Crop and Food Science - DUAL CREDIT 2 10 | | | | | | | |
| MUSIC | | | | | | | | | | | | | | | |
| 1414A Marching Band | | | | Choir (No Band): | | | | Marching Band (No Choir): | | | | | | | |
| 1414A | Symphonic Band | | 2 | 1522A | Strength Training - Sem 1 | | 2 | 1518 | Speech - Sem 1 | | 2 | | | | |
| 1418A | Jazz Band - Sem 1 (Try Out) | | 2 | 837A | Business Law (off-site) | | 2 | 1522B | Strength Training - Sem 1 | | 2 | | | | |
| 14271B | Jazz Band - Sem 2 (Try Out) | | 2 | 822A | Info Tech Apps II (Info Tech Apps I) - Sem 1 | | 2 | 1427B | Jazz Band - Sem 1 (Try Out) | | 2 | | | | |
| 14272B | Jazz Band - Sem 2 (Try Out) | | 2 | 822A | Personal Finance - Sem 1 | | 2 | 843B | Personal Finance - Sem 1 | | 2 | | | | |
| 1428B | Choir - Sem 1 | | 2 | Symphonic Band (No Choir): | | | | 1518 | Speech - Sem 2 | | 2 | | | | |
| 1427B | Choir - Sem 2 | | 2 | 1522A | Strength Training - Sem 2 | | 2 | 1522B | Strength Training - Sem 2 | | 2 | | | | |
| 1428 | Music Theory | | 1 | 1523A | Pop Music - Sem 2 | | 2 | 1427B | Jazz Band - Sem 2 (Try Out) | | 2 | | | | |
| 1428 | Electronic Music / Garage Band | | 1 | 1523A | Lifetime Sports - Sem 2 | | 2 | 822B | Info Tech Apps II (Info Tech Apps I) - Sem 2 | | 2 | | | | |
| 1431 | Pop Music | | 1 | 822A | Personal Finance - Sem 2 | | 2 | 1523B | Lifetime Sports - Sem 2 | | 2 | | | | |
| 1432 | Intro to Musical Theater | | 1 | 610A | Intro to Agriscience CASE - Sem 2 | | 2 | 843B | Personal Finance - Sem 2 | | 2 | | | | |
| 1433 | Pop Music II | | 1 | FIFTH PERIOD | | | | 610B | Intro to Agriscience CASE - Sem 2 | | 2 | | | | |
| 1438 | Vocal Performance | | 1 | | | | | 11TH GRADE 2019 - 2020 COURSE LISTING | | | | | | | |
| 1440 | Instrumental Performance | | 1 | | | | | 11TH GRADE 2019 - 2020 COURSE LISTING | | | | | | | |
| 1182 | Companion Animal / Equine Science (19-20) | | 2 | 1342 | Multicultural Literature | | 2 | 15302 | Dance | | 2 | | | | |
| 8252 | Wildlife Management (Personal Science) (off-site) | | 2 | 1602 | Multimedia (Mult apply) | | 2 | 15292 | PE II | | 2 | | | | |
| 8212 | Veterinary Science (Personal Science) (off-site) | | 2 | 1542 | Public Speaking | | 2 | 15312 | Female Fitness | | 2 | | | | |
| 8812 | Agriscience (Intro to Ag) (19-20) | | 2 | 1622 | Drama | | 2 | 15322 | Adv Strength Training (Str. Training) | | 2 | | | | |
| 8322 | Sports and Entertainment Marketing | | 2 | 12182 | Parenting | | 2 | 20482 | Meteorology (Physical Science) | | 2 | | | | |
| 8332 | Microsoft Office Specialist (Info Tech II) | | 2 | 12432 | Leadership Development (paired with ACT Prep) | | 1 | 2252 | Earth Science | | 2 | | | | |
| 8342 | Microsoft Office Expert (M.O. Specialist) | | 2 | 12442 | Sewing | | 2 | 4432 | Political Science (19-20) | | 2 | | | | |
| 8352 | Web Design Development (Web Design) | | 2 | 12172 | Welding II (Welding I) | | 2 | 4452 | Political Science (off-site) | | 2 | | | | |
| 10302 | AP Study | | 2 | 13022 | 3-D Animation | | 2 | 4462 | History of the United States (off-site) | | 2 | | | | |
| 1242 | Short Stories | | 2 | 14112 | Select Choir (Try Out) | | 2 | 4612 | History of World War II (19-20) | | 2 | | | | |
| 1252 | Nonfiction Literature | | 2 | 14182 | Wind Ensemble (Try Out) | | 2 | 11252 | Spanish V (Spanish IV) | | 2 | | | | |
| | | | | | | | | 17002 | ACT Prep (paired with Leadership Development) | | 1 | | | | |

Student Name _____

Class of 2021

2019 - 2020 Course Requests 16 Selections

| | | | |
|----------------------|------------------------------------|------------------|-------|
| ENGLISH: | <u>English 11 or Honors Eng 11</u> | ELECTIVE: | _____ |
| ENGLISH: | <u>English 11 or Honors Eng 11</u> | ELECTIVE: | _____ |
| MATH: | _____ | ELECTIVE: | _____ |
| MATH: | _____ | ELECTIVE: | _____ |
| SCIENCE: | _____ | ELECTIVE: | _____ |
| SCIENCE: | _____ | ELECTIVE: | _____ |
| SOCIAL STUDIES: | _____ | (Alternate:) | _____ |
| SOCIAL STUDIES: | _____ | (Alternate:) | _____ |
| SPANISH OR ELECTIVE: | _____ | (Alternate:) | _____ |
| SPANISH OR ELECTIVE: | _____ | (Alternate:) | _____ |
| 5th PERIOD: | _____ | 5th PERIOD: | _____ |
| (5th Alternate:) | _____ | (5th Alternate:) | _____ |

First Period Skinnies Semester One:

Marching Band / Speech (151B)
 Marching Band / Info Tech Apps II (832B)
 Marching Band / Personal Finance (843B)
 Marching Band / Strength Training (1532B)

Marching Band / Jazz Band Sem 1 (14071B)
 Marching Band / Choir (1426B)

Speech (151A) / Choir
 Info Tech Apps II (832A) / Choir (1427B)
 Personal Finance (843A) / Choir (1426B)
 Strength Training (1532A) / Choir (1426B)

First Period Skinnies Semester Two:

Symphonic Band / Health (1527B)
 Symphonic Band / Info Tech Apps I (831B)
 Symphonic Band / Speech (151B)
 Symphonic Band / Personal Finance (843B)
 Symphonic Band / Strength Training (1532B)
 Symphonic Band / Lifetime Sports (1533B)
 Symphonic Band / Intro to AgriScience CASE (610B)

Symphonic Band / Jazz Band Sem 2 (14072B)
 Symphonic Band / Choir (1427B)

Health (1527A) / Choir (1427B)
 Info Tech Apps I (831A) / Choir (1427B)
 Speech (151A) / Choir (1427B)
 Personal Finance (843A) / Choir (1426B)
 Pop Music / Choir (1427B)
 Lifetime Sports (1533A) / Choir (1427B)
 Strength Training (1532A) / Choir (1427B)
 Intro to AgriScience CASE (610A) / Choir (1427B)

1. Select your courses wisely, as your choices will make the master schedule. Sign up for the courses you plan to take, as you will be expected to stay enrolled in your choices in the fall.
2. Please confer with parents/guardians, as well as your current teachers to make the best choices for your future.
3. Alternate courses **MUST** be included. Alternates will be used if selected courses are unavailable.
4. This form must be signed by you and your parent/guardian.

 Student Signature

 Parent / Guardian Signature

Graduation Requirements - 235 Credit Hours

English -- 40 Hours
 Speech -- 5 Hours
 Mathematics -- 30 Hours
 Science -- 30 Hours

Social Science -- 35 Hours
 PE and Health -- 15 Hours
 Computer Science -- 5 Hours
 Arts / World Lang -- 5 Hours

Vocational -- 5 Hours
 Personal Finance -- 5 Hours
 Electives -- 60 Hours

12TH GRADE 2019 - 2020 COURSE LISTING

*Indicates a course required for graduation

| CRS# | Course Title | Terms | Credit | CRS# | Course Title | Terms | Credit | CRS# | Course Title | Terms | Credit |
|---------------------------------------------|----------------------------------------------------------|-------|--------|-----------------------------------------------------|----------------------------------------------------|-------|--------|-------------------------------------------------------|-------------------------------------------------|--------|--------|
| AGRICULTURE (Vocational) | | | | FAMILY CONSUMER SCIENCE (Continued) | | | | SKILLED & TECHNICAL SCIENCE (Continued) | | | |
| 610 | Intro to Agriscience CASE | 1 | 5 | 1227 | Leading Young Children (Parenting) | 1 | 5 | 1261 | Advanced MED (MED) | 1 | 5 |
| 631 | Horticulture (Intro to Agric) - CA DUAL CREDIT | 1 | 5 | 1242 | Childcare Practicum (Leading Young Children) | 1 | 5 | 1214 | Intro to Woodworking | 1 | 5 |
| 615 | Animal Science CASE (Intro to Agric) | 1 | 5 | 1231 | Housing and Interior Design (Intro to FCS) (19-20) | 1 | 5 | 1215 | Advanced Woodworking (Intro to Woods) | 1 | 5 |
| 617 | Adv Animal Science (Intro to Agric) (19-20) | 1 | 5 | | | | | 1242 | Building Construction (Adv Cabinetry) | 2 | 10 |
| 632 | Adv Horticulture (hort) | 1 | 5 | | | | | 1235 | Welding | 1 | 5 |
| 681 | Livestock Management (Intro to Agric) (19-20) | 1 | 5 | MATH | | | | 1244 | Small Engines | 1 | 5 |
| 634 | Food Science (Intro to Agric) (19-20) | 1 | 5 | 203 | Algebra IA | 2 | 10 | 1252 | 3-D Animation | 1 | 5 |
| 612 | Advanced Agriscience CASE (Intro to Agric) | 1 | 5 | 204 | Algebra IB (Algebra IA) | 2 | 10 | | | | |
| 633 | Landscape Design (Horticulture) (19-20) | 1 | 5 | 210 | Algebra I | 2 | 10 | SOCIAL STUDIES | | | |
| ART | | | | 220 | Basic Geometry (Algebra or Alg I/II) | 2 | 10 | 437 | World History/Geography | 2 | 10 |
| 716 | Art Appreciation | 1 | 5 | 221 | Geometry (Algebra or Alg I/II) | 2 | 10 | 438 | AP Human Geography | 2 | 10 |
| 717 | 2D Design (Art Appreciation) | 1 | 5 | 250 | Intermediate Algebra (Geometry or Basic Geometry) | 2 | 10 | 439 | United States History | 2 | 10 |
| 718 | Ceramics/Sculpture (Art Appreciation) | 1 | 5 | 201 | Algebra II (Geometry or Int. Alg) | 2 | 10 | 448 | AP US History pre-1877 - DUAL CREDIT | 2 | 10 |
| 719 | Drawing/Painting (2D Design) | 1 | 5 | 228 | College Algebra (Algebra II) - DUAL CREDIT | 1 | 5 | 440 | AP US History post-1877 - DUAL CREDIT | 2 | 10 |
| 720 | Wheel Thrown Ceramics (Ceramics) | 1 | 5 | 247 | Data Analysis (Algebra II) | 1 | 5 | 441 | *American Govt | 2 | 10 |
| 723 | Graphic Design (2D Design & Dig Photo) | 1 | 5 | 268 | AP Statistics (Data Analysis) | 1 | 5 | 422 | Psychology | 1 | 5 |
| 722 | Digital Photography (Art Appreciation) | 1 | 5 | 261 | Trigonometry (Algebra II) | 1 | 5 | 423 | Sociology | 1 | 5 |
| 726 | Art History | 1 | 5 | 265 | Pre-Calculus (Trig) | 1 | 5 | WORLD LANGUAGE | | | |
| BUSINESS / COMPUTERS (Vocational) | | | | 264 | AP Calculus (Pre-Calculus) - DUAL CREDIT | 2 | 10 | 1121 | Spanish I | 2 | 10 |
| 849 | Intro to Business, Mktg, Mgmt | 1 | 5 | PERSONAL FINANCE | | | | 1122 | Spanish II (Spanish I) | 2 | 10 |
| 852 | Entrepreneurship (Intro to Bus) (19-20) | 1 | 5 | 842 | *Personal Finance | 1 | 5 | 1123 | Spanish III (Spanish II) | 2 | 10 |
| 829 | Info Tech Fundamentals | 1 | 5 | PHYSICAL ED/HEALTH (PE/Health) | | | | 1124 | Spanish IV (Spanish III) | 2 | 10 |
| 831 | Info Tech Apps I | 1 | 5 | 1528 | *PE I | 1 | 5 | CAREER ACADEMY (available on-line) DUAL CREDIT | | | |
| 832 | Info Tech Apps II (Info Tech Apps I) | 1 | 5 | 1527 | *Health | 1 | 5 | 899 | CA Web Page Fundamentals | 2 | 10 |
| 830 | Web Design (Info Tech Apps I) | 1 | 5 | 1532 | Strength Training | 1 | 5 | 902 | CA Intro to Sociology | 2 | 10 |
| 836 | Programming (Web Design) | 1 | 5 | 1534 | Agility and Strength | 1 | 5 | 903 | CA Intro to Psychology | 2 | 10 |
| 853 | Business Law (19-20) | 1 | 5 | 1535 | Lifetime Sports | 1 | 5 | 904 | CA Life-Span Human Development | 2 | 10 |
| 854 | Accounting (Info Tech II) | 2 | 10 | SCIENCE | | | | 905 | CA Intro to PreSchool Education | 2 | 10 |
| ENGLISH | | | | 320 | *Biology | 2 | 10 | 906 | CA Intro to Early Childhood Ed | 2 | 10 |
| 120 | *English 9 | 2 | 10 | 321 | *Physical Science | 2 | 10 | 911 | CA Intro Health Essentials of Healthcare | 2 | 10 |
| 121 | *English 10 (Eng 9) | 2 | 10 | 368 | Physiology (Biology) | 1 | 5 | 913 | CA Basic Nursing Assistant | 2 | 10 |
| 121 | *English 11 (Eng 10) | 2 | 10 | 365 | Anatomy (Biology and Physiology) | 1 | 5 | 915 | CA Principles of Marketing | 2 | 10 |
| 122 | *English 11 - Honors (Teacher Recommendation) | 2 | 10 | 362 | Chemistry (Algebra II) | 2 | 10 | 916 | CA Basic Nutrition | 2 | 10 |
| 151 | *Speech | 1 | 5 | 323 | Applied Physics (Geometry) | 2 | 10 | 917 | CA Int-Personal Relations | 2 | 10 |
| 152 | Advanced Speech (Speech) | 1 | 5 | 332 | Physics (Alg II and Physical Science) | 2 | 10 | 918 | CA Principles of Management | 2 | 10 |
| 145 | English 12 | 2 | 10 | 361 | AP Biology (Physical Sci / Biology) - DUAL CREDIT | 2 | 10 | 919 | CA Comprehensive Medical Terminology | 2 | 10 |
| 146 | World Literature | 1 | 5 | 364 | AP Environmental Science (Biology) | 2 | 10 | 921 | CA Computer Fundamentals | 2 | 10 |
| 147 | Writing and Research | 1 | 5 | SKILLED & TECHNICAL SCIENCE (Vocational) | | | | Additional Opportunities | | | |
| 143 | AP Literature and Composition (World Lit) | 2 | 10 | 1348 | AED-Architecture and Engineering Design | 1 | 5 | CA Crop and Food Science - DUAL CREDIT | | | |
| FAMILY CONSUMER SCIENCE (Vocational) | | | | 1349 | Advanced AED (AED) | 1 | 5 | 1002 | Portfolio - Advanced Study | 1 | 5 |
| 1223 | Intro to FCS | 1 | 5 | 1350 | MED-Mechanical and Engineering Design | 1 | 5 | OTHER: Non-High School Credit Courses | | | |
| 1215 | Nutrition and Wellness (Intro to FCS) | 1 | 5 | | | | | 1000 | Office / Library Aide | 1 | 0 |
| 1216 | Ethnic Cooking (Nut, Foods, or Sports Nut) (19-20) | 1 | 5 | | | | | 820 | Tech Assistant | 1 | 0 |
| 1229 | Culinary Arts (Nut, Foods, or Sports Nut) | 1 | 5 | MUSIC | | | | 1001 | UHS, Nebraska NDVH | 2 | 0 |
| 1228 | Food Safety/Culinary Arts (19-20) | 1 | 5 | Choir (No Band) | | | | 1002 | SCC / CCC Online | 1 or 2 | 0 |
| 1218 | Parenting | 1 | 5 | | | | | Marching Band (No Choir) | | | |
| 1414A Marching Band | | | | 1522A | Strength Training - Sem 1 | 2 | 5 | 1522B | Strength Training - Sem 1 | 2 | 5 |
| 1416A Symphonic Band | | | | 832A | Info Tech Apps II (Info Tech Apps) - Sem 1 | 2 | 5 | 1607B | Jazz Band - Sem 1 (Try Out) | 2 | 5 |
| 140718 Jazz Band - Sem 1 (Try Out) | | | | 833A | Personal Finance - Sem 1 | 2 | 5 | 822B | Info Tech Apps II (Info Tech Apps) - Sem 1 | 2 | 5 |
| 140726 Jazz Band - Sem 2 (Try Out) | | | | 1002A | Portfolio - Adv. Study | 2 | 5 | 842A | Personal Finance - Sem 1 | 2 | 5 |
| 1426B Choir - Sem 1 | | | | 1522A | Strength Training - Sem 2 | 2 | 5 | 1002B | Portfolio - Adv. Study | 2 | 5 |
| 1427B Choir - Sem 2 | | | | 1432A | Pop Music - Sem 2 | 2 | 5 | Symphonic Band (No Choir) | | | |
| 1405 Music Theory | | | | 1522A | Lifetime Sports - Sem 2 | 2 | 5 | 1522B | Strength Training - Sem 2 | 2 | 5 |
| 1429 Electronic Music / Garage Band | | | | 842A | Personal Finance - Sem 2 | 2 | 5 | 1607B | Jazz Band - Sem 2 (Try Out) | 2 | 5 |
| 1431 Pop Music | | | | 510A | Intro to Agriscience CASE - Sem 2 | 2 | 5 | 1522B | Lifetime Sports - Sem 2 | 2 | 5 |
| 1433 Intro to Musical Theater | | | | 1002A | Portfolio - Adv. Study | 2 | 5 | 842B | Personal Finance - Sem 2 | 2 | 5 |
| 1433 Pop Music II | | | | | | | | 510B | Intro to Agriscience CASE - Sem 2 | 2 | 5 |
| 1439 Vocal Performance | | | | | | | | 1002B | Portfolio - Adv. Study | 2 | 5 |
| 1440 Instrumental Performance | | | | | | | | FIFTH PERIOD | | | |
| CRS# | Course Title | Terms | Credit | CRS# | Course Title | Terms | Credit | CRS# | Course Title | Terms | Credit |
| 8192 | Companion Animal / Equine Science (19-20) | 2 | 5 | 1602 | Multimedia (Must Apply) | 2 | 5 | 10332 | Adv Strength Training (Strength Training) | 2 | 5 |
| 8202 | Livestock Management/Animal Science (19-20) | 2 | 5 | 1642 | Public Speaking | 2 | 5 | 23482 | Meteorology (Physical Science) | 2 | 5 |
| 8212 | Veterinary Science/Animal Science (19-20) | 2 | 5 | 1622 | Drama | 2 | 5 | 3302 | Earth Science | 2 | 5 |
| 8812 | AgrilBusiness (Intro to Ag) (19-20) | 2 | 5 | 12162 | Parenting | 2 | 5 | 3342 | Forensic Science | 2 | 5 |
| 8522 | Sports and Entertainment Marketing | 2 | 5 | 12432 | Leadership Development (paired with ACT Prep) | 1 | 2.5 | 4432 | Political Science (19-20) | 2 | 5 |
| 8332 | Microsoft Office Specialist (Info Tech II) | 2 | 5 | 12462 | Sewing | 2 | 5 | 4452 | World Studies (19-20) | 2 | 5 |
| 8342 | Microsoft Office Expert (M.O. Specialist) | 2 | 5 | 13372 | Welding II (Welding I) | 2 | 5 | 4462 | History of the Western World (19-20) | 2 | 5 |
| 8352 | Web Design Development (Web Design) | 2 | 5 | 12522 | 3-D Animation | 2 | 5 | 4472 | History of World War II (19-20) | 2 | 5 |
| 10302 | AP Study | 2 | 5 | 14112 | Select Choir (Try Out) | 2 | 5 | 11252 | Spanish V (Spanish IV) | 2 | 5 |
| 1242 | Short Stories | 2 | 5 | 14162 | Wind Ensemble (Try Out) | 2 | 5 | 17052 | ACT Prep (paired with Leadership Development) | 1 | 2.5 |
| 1252 | Nonfiction Literature | 2 | 5 | 15302 | Dance | 2 | 5 | 16452 | Office Aide | 1 | 0 |
| 1342 | Multicultural Literature | 2 | 5 | 15292 | PE II | 2 | 5 | 16802 | Sensor Work Experience | 1 | 2.5 |
| | | | | 15312 | Female Fitness | 2 | 5 | 21112 | Junior Jays Mentor Program (Must apply) | 1 | 2.5 |

Student Name _____

Class of 2020

2019 - 2020 Course Requests 16 Selections

| | |
|------------------------------------------|--------------------------|
| ENGLISH: _____ | ELECTIVE: _____ |
| ENGLISH: _____ | ELECTIVE: _____ |
| MATH: _____ | ELECTIVE: _____ |
| MATH: _____ | ELECTIVE: _____ |
| SCIENCE: _____ | ELECTIVE: _____ |
| SCIENCE: _____ | ELECTIVE: _____ |
| SOCIAL STUDIES: _____ | (Alternate:) _____ |
| SOCIAL STUDIES: _____ | (Alternate:) _____ |
| SPANISH ELECTIVE: _____ | (Alternate:) _____ |
| SPANISH ELECTIVE: _____ | (Alternate:) _____ |
| 5th PERIOD: _____ | 5th PERIOD: _____ |
| (5th Alternate:) _____ | (5th Alternate:) _____ |

First Period Skinnies Semester One:

Marching Band / Speech (151B)
 Marching Band / Info Tech Apps II (832B)
 Marching Band / Personal Finance Sem 1 (843B)
 Marching Band / Strength Training (1532B)
 Marching Band / Portfolio - Adv Study (1002B)

Marching Band / Jazz Band Sem 1 (14071B)
 Marching Band / Choir (1426B)

Speech (151A) / Choir
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 Personal Finance Sem 1 (843A) / Choir (1426B)
 Strength Training (1532A) / Choir (1426B)
 Portfolio - Adv Study (1002A) / Choir (1426B)

First Period Skinnies Semester Two:

Symphonic Band / Health (1527B)
 Symphonic Band / Info Tech Apps I (831B)
 Symphonic Band / Speech (151B)
 Symphonic Band / Personal Finance (843B)
 Symphonic Band / Strength Training (1532B)
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 Portfolio - Adv Study (1002A) / Choir (1427B)

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2. Please confer with parents/guardians, as well as your current teachers to make the best choices for your future.

3. Alternate courses

4. This form must be signed by you and your parent/guardian.

 Student Signature

 Parent / Guardian Signature

Graduation Requirements - 235 Credit Hours

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 Mathematics -- 30 Hours
 Science -- 30 Hours

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 PE and Health -- 15 Hours
 Computer Science -- 5 Hours
 Arts / World Lang -- 5 Hours

Vocational -- 5 Hours
 Personal Finance -- 5 Hours
 Electives -- 60 Hours